



Shell Standard Legend (GREEN)

Discipline Quality Standard



Discipline Quality Standard	Shell Standard Legend	Unrestricted
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Shell Standard Legend

(GREEN)

DISCIPLINE QUALITY STANDARD

OIL=GREEN VERSION

SR.12.12048			November 2012
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ECCN	No US Content		Unrestricted

DOCUMENT HISTORY

Author/Custodian		Bart Hulshof SME Cartography
Approved by		Production Geosciences Well Engineering Geomatics Stratigraphy Biostratigraphy Lithology PTE Structural Geology PTE Geochemistry PTE Geophysics Han Raven Paul Hopmans Kevin McLay Pieter Spaak Iain Prince David Alsop Steve Naruk Erdem Idiz Henk Tijhof
Document type		Standard
Distribution		Document is available online
Date	Issue	Reason for change
01.11.2012	1	First reviewed issue, based on revision of the SSL95 and SSL2002. Created from the Shell Standard Symbol table.

This document will be maintained live on the Shell intranet site. The Web-based document will be the controlled version and revision announcements will be published on the web. Copies or extracts of this standard, which have been downloaded from the website, are uncontrolled copies and cannot be guaranteed to be the latest version.

This document may set requirements supplemental to applicable law. However, nothing herein is intended to replace, amend, supersede or otherwise depart from any applicable law relating to the subject matter of this document. In the event of any conflict or contradiction between the provisions of this document and applicable law as to the implementation and governance of this document, the provisions of applicable law shall prevail.

This document shall be subject to formal adoption by regions, functions and legal entities.

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1.0 INTRODUCTION

The Shell Standard Legend is the Shell standard for symbols applied in hydrocarbon exploration and petroleum engineering. The beginnings of the document can be traced back for some 95 years with the publication of Dr. Erb's report *Uniformity in Geological Reports* in 1917 and consequently its contents reflects both long established and recently introduced practices, as well as international conventions.

The aim of this document is to promote a standard for communication within Shell's worldwide operating organisation, and within industry and academia.

This standard legend has been generated from the online SSL symbol table, which is available from the Shell intranet, <https://eu007-sp.shell.com/sites/SSL/SitePages/Home.aspx> where it is maintained. The standard legend is based on the SSL 1995 and the addendum for wells 2002. The symbol sets from both publications have been completely reviewed and all elements in the SSL 1995 not pertaining to map symbology have been removed.

During the 2002 review of the SSL in preparation for use in ArcGIS all symbols were given a unique number. This number is partly based on the section number as found in SSL 1995, conform the numbering that was already in use for that edition. To keep the logic of that numbering system the chapter and section definitions of the SSL 1995 have been kept and are still used today.

The Shell Standard Legend is classed as an unrestricted document.

Earlier publications (1976, 1995) supported the convention that oil is red and gas is green. To support mapping for different regions or government requirements, 2 versions of this document have been created: an **oil=green** and an **oil=red** version. Each version consistently uses one colour convention throughout the document.

A short history of the SSL (document references found through EP Catalog)

1917	Uniformity in Geological Reports
1932	Standard legend for field sections
1934	Fourth edition published by the BPM production department (copy available)
1954	Standard legend production department
1958	Not found, but referenced in 1976 edition
1976	Referenced in 1995 edition (front page available)
1995	Widely published edition, supplemented with tapeworm and CD
2002	Addendum wells and codes for all symbols (ArcGIS version)
2012	updated publication generated from a symbol database

2.0 HYDROCARBONS

2.4 Hydrocarbon Fields and Prospects

2.5.1 Surface Hydrocarbon and Water Seeps (Shows) - gas

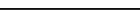
2.5.2 Surface Hydrocarbon and Water Seeps (Shows) - oil

2.5.3 Solid Hydrocarbons

2.5.4 Surface Water Springs, Seepages

2.5.5 Mud Volcanoes

Code	Description	Image
2401	Subsurface resource/Prospect	
2402001	Oil field	
2403001	Gas field	
2404	Wet gas, gas condensate field	
2405	Water filled structure	
2406	Oil and gas field	
2407001	Prospective/undeveloped oil field	
2408001	Prospective/undeveloped gas field	
2409	Prospective/undeveloped oil field wet gas, gas condensate field	
2410001	Oil field, post production	
2411001	Gas field, post production	
2412	Oil field with gas cap, post production	
2425	Subsurface resource/Lead	
2426001	Gas Oil Discovery	
2427001	Oil Gas Discovery	
2430001	Gas Up To (GUT)	
2431001	Gas Down To (GDT)	
2432001	Gas Oil Contact (GOC)	
2433001	Estimated Gas Oil Contact (Est. GOC)	

Code	Description	Image
2434001	Estimated Original Gas Oil Contact (Est. OGOC)	
2435001	Estimated Gas Water Contact (Est. GWC)	
2436001	Original Gas Oil Contact (OGOC)	
2437001	Gas Water Contact (GWC)	
2438001	Original Gas Water Contact (OGWC)	
2439001	Oil Up To (OUT)	
2440001	Oil Down To (ODT)	
2441001	Estimated Oil Water Contact (Est. OWC)	
2442001	Estimated Original Oil Water Contact (Est. OOWC)	
2443	Oil Water Contact (OWC)	
2444	Original Oil Water Contact (OOWC)	
2445	Water Up To (WUT)	
2446	Free Water Level (FWL)	
2447	Prospect, Lowest Closing Contour (LCC)	
25101001a	Smell in general (group of indications)	
25101001b	Smell in general (single indication)	
25102001	Faint smell (single indication)	
25103001	Strong smell (single indication)	
25104001	Smell of hydrogen sulphide (single indication)	

Code	Description	Image
25105001a	Gas seepage, gas show (group of indications)	
25105001b	Gas seepage, gas show (single indication)	
25106001a	Weak seepage (group of indications)	
25106001b	Weak seepage (single indication)	
25107001a	Strong seepage, show (single indication)	
25107001b	Strong seepage, show (group of indications)	
25108001a	Inflammable gas (group of indications)	
25108001b	Inflammable gas (single indication)	
25109001a	Non-inflammable gas (group of indications)	
25109001b	Non-inflammable gas (single indication)	
25110001	Non-inflammable gas (single indication)	
25201001a	Smell in general (group of indications)	
25201001b	Smell in general (single indication)	
25202001a	Seepage in general (group of indications)	
25202001b	Seepage in general (single indication)	
25203001a	Poor seepage in general (group of indications)	
25203001b	Poor seepage in general (single indication)	
25204001a	Strong seepage in general (group of indications)	
25204001b	Strong seepage in general (single indication)	

Code	Description	Image
25205001	Oil seepage reported by Geologist R, could not be relocated (single indication)	
25206001a	Heavy, tarry and dead oil. In outcrops: impregnation without free oil (single indication)	
25206001b	Heavy, tarry and dead oil. In outcrops: impregnation without free oil (group)	
25301a	Asphalt (group of indications)	
25301b	Asphalt (single indication)	
25302	Large asphalt seepage, asphalt lake (group of indications)	
25303a	Mineral wax (ozokerite, etc.) (group of indications)	
25303b	Mineral wax (ozokerite, etc.) (single indication)	
25304a	Asphalite (gilsonite, etc.) (group of indications)	
25304b	Asphalite (gilsonite, etc.) (single indication)	
25401a	Salt water (group of indications)	
25401b	Salt water (single indication)	
25402a	Fresh water (group of indications)	
25402b	Fresh water (single indication)	
25501a	Mud volcano without indications of hydrocarbons (group of indications)	
25501b	Mud volcano without indications of hydrocarbons (single indication)	

3.0 TOPOGRAPHY

3.2.1 Horizontal Control Points

3.2.2 Vertical Control Points

3.2.3 Other Position Markers

3.2.4 Survey Control Lines

3.3.1 Political Boundaries

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3.4.2 Artificial Point Features

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3.4.5 Informative Symbols

3.5.1 Natural Linear Features

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3.5.4 Environmental Maps

3.6 Elevation Contours

3.7 Bathymetric Contours

3.8 OGP Seabed Surveys

3.9 Road Hazards

Code	Description	Image
32101	Astronomic station: number/altitude	
32102	Triangulation or traverse pt. number/altitude	
32103	id. (first-order accuracy)	
32104	id. (second-order accuracy)	
32105	id. (third- and lower- order accuracy)	
32106	Polygon/traverse points: number/altitude	
32107	id. (first-order accuracy)	
32108	id. (second- and lower-order accuracy)	
32109	Satellite fix point	
32110	id. (first-order accuracy)	
32111	id. (second-order accuracy)	
32201	Levelling benchmark: number/altitude	
32202	Spot elevation	
32301	Boundary marker	
32302	Control point of aerial photo, satellite imagery and number	
32303	Position from which photo or sketch was made	
32304	Topographical position uncertain	
32401	Direction AB measured	
32402	Directions AB and BA measured	

Code	Description	Image
32403	Distance AB measured	
32404	All angles and distances measured	
33101	International	
33102	Administrative (provinces etc.)	
33103	Offshore boundaries (mid-coastline etc.)	
34101	Primary road	
34102	Secondary road	
34103	Track	
34104	Footpath, trail	
34105	Railroad	
34106	Railroad	
34107	Tunnel	
34108	Overhead telephone line	
34109	Overhead power line, indicate voltage, e.g. 11kV or HT	
34110	Buried or non-exposed telephone line	
34111	Buried or non-exposed power line, indicate voltage, e.g. 11kV or HT	
34112	Submarine cable	
34113001	Pipeline (exposed) oil (crude) (indicate size)	
34114	Pipeline (exposed) products (indicate size)	

Code	Description	Image
34115001	Pipeline (exposed) gas (indicate size)	
34116	Pipeline (exposed) water (indicate size)	
34117	Pipeline (exposed) sewage (indicate size)	
34118001	Buried pipeline oil (crude) (indicate size)	
34119	Buried pipeline products (indicate size)	
34120001	Buried pipeline gas (indicate size)	
34121	Buried pipeline water (indicate size)	
34122	Buried pipeline sewage (indicate size)	
34123	Fence	
34124	Hedge	
34125	Stone wall	
34126	Limit of built-up area	
34127	Bridge for pedestrians	
34128	Bridge for general traffic	
34129	Ferry for pedestrians	
34130	Ferry for general traffic	
34131	Dam	
34132	Sluice	
34201a	Town	

Code	Description	Image
34201b	Town	
34202a	Buildings	
34202b	Buildings	
34203a	Hospital	
34203b	Hospital	
34204	Church, temple	
34205	Mosque	
34206	Post, telephone, telegraph office	
34207	Military (police) post	
34208	Motor fuel station	
34209	Monument	
34210	Water tower	
34211	Windmill	
34212	Lighthouse	
34213a	Radar station	
34213b	Radio (television or telecommunication transmitter station)	
34213c	Radio beacon	
34214	Bridge for pedestrians	
34215	Bridge for general traffic	

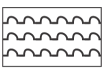
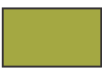
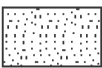
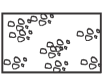
Code	Description	Image
34216	Ferry for pedestrians	
34217	Ferry for general traffic	
34218	Dam	
34219	Sluice	
34301	Refinery	
34302	Tankfarm	
34303	Pumping Station	
34304	Quarry (Lst = Limestone)	
34305	Mine (C = Coal)	
34306	Airport, airstrip	
34307	Helicopter	
34308	Jetty	
34309	Christian cemetery	
34310	Islamic cemetery	
34311	Chinese cemetery	
34312	Park	
34313	Sportsground, playground	
34314	Artesian well	
34315	Historic site, ruins	

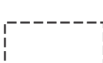
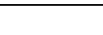
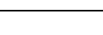
Code	Description	Image
344001	Platform / Drilling Pad	
344002	Planned platform / Planned drilling pad	
344003	Jacket	
344004	Planned jacket	
344005	Subsea template	
34401	Drilling platform	
34402	Production platform	
34403	Injection platform	
34404	Offshore loading terminal (SBM etc.)	
34405	Lightship	
34406	Navigation light	
34407	Navigation beacon (no light)	
34408	Buoy with light	
34409	Buoy without light	
34410	Metoccean buoy without light	
34411	Metoccean buoy with light	
34412	Metoccean buoy with light and data transmission	
34413	Metoccean buoy - others	
34414	Metoccean station (on fixed structure)	

Code	Description	Image
34415	Wreck, visible	
34416	Wreck, submerged	
34417	Wreck (minimum depth)	
34501	Navigable limit on a river for : (S) = seagoing vessel, (L) = launch, (C) = canoe; minimum depth of river in dry season two metres	
34502	Tidal range	
35101	Coastline	
35102	High-water line	
35103	Low-water line	
35104	Shore line of lake	
35105	River (single line), with direction of flow	
35106	River banks, with direction of flow	
35107	Braided stream	
35108	Drainage pattern, wadi	
35109	Vegetation boundary	
35110	Soil type/characteristic boundary (marsh, dunes)	
35111a	Limit of reefs	
35112	Fill, dyke, embankment	
35113	Cut	
35114a	Valley with steep walls, canyon	

Code	Description	Image
35201	Spring	
35202	Waterfall (with height)	
35203	Rapids	
35204	River disappears	
35205	River reappears	
35206	Rock	
35207a	Volcano, active	
35207b	Volcano, inactive	
35301	Swamps, marshy country	
35302	Tidal swamp	
35303	Swamp with palms	
35304	Mangrove swamp	
35305	Wood, forest, trees	
35306	Wood with high trees	
35307	Wood with low trees, shrub	
35308	Palm Trees (Palm grove, oasis)	
35309	Natural grassland (Savannah, pampas, llanos, alang-alang)	
35310	Dunes	
35311	Drift sand	

Code	Description	Image
35312	Lake with beach	
35313	Salt water lake	
35314	Salt flat	
35315	Sandbank or Mud-flats	
35316	Reef (Coral)	
35317	Reef (Algae)	
3601	Major elevation contours	
3602	Minor elevation contours	
3701	Major bathymetry contours	
3702	Minor bathymetry contours	
OGP1001	Coral Pinnacle	
OGP1002	Coral spotheight	
OGP1003	Seabed Mound	
OGP1004	Sonar Contact - High Backscatter	
OGP1005	Isolated Depression or Pockmark	
OGP1006	Sonar Contact - Water Column	
OGP1008	Shallow Gas	
OGP1021	Debris/Suspected Debris	
OGP1022	Wreck	

Code	Description	Image
OGP1023	Fish Trap	
OGP1031	Post Drill Well	
OGP2001	Anchor scar/Plough mark	
OGP2002	Linear debris	
OGP2003	Spud Can Drag Scar	
OGP2004	Trawl Scar	
OGP2005	Possible wreck	
OGP3001	Isolated pockmark	
OGP3002	Pockmark Cluster	
OGP3003	Coalesced/Combined Pockmark	
OGP3004	Sand Ripples	
OGP3005	High Backscatter Sonar Area	
OGP3006	Jack-up rig / Spudcan Footprint	
OGP3007	Mound Cluster Area	
OGP3008	Pitted Area	
OGP3009	Sonar/Hard Contact	
OGP3010	Coral Area	
OGP3021	Rock Dump	
OGP3022	Soil Dump	

Code	Description	Image
OGP3023	Dredged Area - Trench	
OGP3024	Dredged Area - Borrow	
OGP3025	Debris	
OGP3026	Disturbed Sediment Area	
OGP3027	Depression	
OGP3028	Mound - Mud/Mud Lumps	
OGP3029	Eroded/Thinned drape	
OGP3030	Shoal Area/Shallow Water Hazard	
OGP3031	Fish Traps	
OGP32202	Spot Elevation	
OGP2051	Fault Scarp	
OGP2055	Erosional/Mud Flow	
OGP2059	Ridge	
OGP2111	Normal Fault	
OGP2112	Thrust Fault	
OGP2121	Palaeo-Channel R1	
OGP2122	Palaeo-Channel R2	
OGP2123	Palaeo-Channel R3	
OGP2124	Palaeo-Channel R4	

Code	Description	Image
OGP2201	Major Isopach Contours to base of Unit A	
OGP2202	Minor Isopach Contours to base of Unit A	
OGP2203	Major Isopach Contours to base of Unit B	
OGP2204	Minor Isopach Contours to base of Unit B	
OGP2205	Major Isopach Contours to base of Unit C	
OGP2206	Minor Isopach Contours to base of Unit C	
OGP2207	Major Isopach Contours to base of Unit D	
OGP2208	Minor Isopach Contours to base of Unit D	
OGP3701	Anomaly 1 High Amplitude	
OGP3702	Anomaly 2 High Amplitude	
OGP3703	Anomaly 3 High Amplitude	
OGP3704	Anomaly 4 High Amplitude	
OGP3705	Anomaly 5 High Amplitude	
OGP3706	Anomaly 6 High Amplitude	
OGP3707	Anomaly 7 High Amplitude	
OGP3708	Anomaly 8 High Amplitude	
OGP3709	Anomaly 9 High Amplitude	
OGP3710	Anomaly 10 High Amplitude	
OGP3721	Acoustic Blanking Zone	

Code	Description	Image
OGP3722	Blanking Area	
OGP3723	Cross Bedding	
OGP3724	Shallow Gas Zone	
OGP2301	Navigation Track at Antenna Position	
OGP2302	Navigation Track at Boomer Position	
OGP2303	Navigation Track at CDP Position	
OGP2304	Navigation Track at Echo-Sounder Position	
OGP2305	Navigation Track at Receiver Group Position	
OGP2306	Navigation Track at Pinger Position	
OGP2307	Navigation Track at Bin Centre Position	
OGP2308	Navigation Track at SSS Position/Centre of Source	
OGP2309	Navigation Track at Towfish/Tailbuoy Position	
OGP2310	Navigation Track at USBL Position	
OGP2311	Navigation Track at Vessel Reference Point	
OGP3301	Limit of Survey Area	
OGP3302	Limit of Analogue and Digital Coverage	
OGP3303	Limit of Analogue Survey Coverage	
OGP3304	Limit of Digital Survey Coverage	
OGP1201	Sound Velocity sample - SVP/Tsdip	

Code	Description	Image
OGP1101	Soil Sample	
OGP1102	Pilot Hole	
OGP1103	Insitu Borehole	
OGP1104	Combi Borehole	
OGP3101	Gravel	
OGP3102	Sand	
OGP3103	Silt	
OGP3104	Clay	
OGP3201	Silty-Sand	
OGP3202	Clayey-Sand	
OGP3203	Silty Clay	
OGP3204	Sandy-clay	
OGP3205	Rocky	
39101	Animal Warning	
39102	Bad Road Service	
39103	Black Spot	
39104	Dangerous point	
39105	Dangerous Crossing	
39106	Flag hazard for removal	

Code	Description	Image
39107	Explosion Danger	
39108	Flooding danger	
39109	Grounding danger	
39110	Hill top; poor visibility	
39111	Landslide danger	
39112	Narrow Road	
39113	Overhead Cable	
39114	Crossing pedestrians or school children	
39115	Poor visibility possible	
39116	Road Works	
39117	Roundabout	
39118	Sand Dunes	
39119	Sharp Bend	
39120	Road can be slippery	
39121	Soft Verges	
39122	Steep Hill	
39123	Train Crossing	
39124	Tunnel	
39125	No U-Turn beyond this point	

Code	Description	Image
39126	Winding Road	

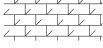
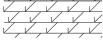
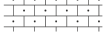
4.0 GEOLOGY

- 4.1.1 Morphological Features
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- 4.2.3.2 Carbonate Lithotypes
- 4.2.4 Mixed Siliciclastics-Carbonates
- 4.2.5 Evaporites
- 4.2.6 Organic-rich Rocks
- 4.2.7 Miscellaneous Sediments
- 4.2.8.1 Intrusive (Plutonic) Rocks
- 4.2.8.2 Dykes, Sills
- 4.2.8.3 Extrusive (Volcanic) Rocks
- 4.2.8.4 Ophiolites
- 4.2.9 Metamorphic Rocks
- 4.2.10 Lithological Colour Symbols
- 4.3.1.6 Non-skeletal Particles
- 4.3.1.7 Non-skeletal Particle Texture and Size
- 4.3.1.8 Pellets and Coated Grains
- 4.3.1.9 Skeletal Particles
- 4.3.2.1 Fabric Selective Porosity
- 4.3.2.2 Non-fabric Selective Porosity
- 4.3.2.7 Archie Porosity Types
- 4.3.5.1 Fossils, General
- 4.3.5.2 Fossils, Specific
- 4.3.5.3 Ichnofossils
- 4.3.5.4 Organogenic Structures
- 4.3.6.3 Character of Base of Bed
- 4.3.6.5 Large Sedimentary Features
- 4.3.6.6 Cross-bedding
- 4.3.6.7 Ripplemarks on Bedding Planes
- 4.3.6.9 Wavy/Irregular/Lenticular Stratification
- 4.3.6.10 Graded Beds
- 4.3.6.11 Lineations on Bedding Planes
- 4.3.6.12 Soft Sediment Deformation
- 4.3.6.13 Syndepositional Marks and Miscellaneous Structures
- 4.3.7.2 Diagenetic Structures
- 4.3.7.3 Nodules/Concretions
- 4.4 Chronostratigraphy and Geochronology
- 4.4.4 Sequence Stratigraphy
- 4.4.6.2 Gaps on Layer Maps
- 4.5.1.2 Depositional Environments a
- 4.5.2 Depositional Environments b
- 4.6.1 Basin Scale Maps
- 4.6.2 Continental/Global Scale Maps
- 4.7.2.1 Symbols for Fault Types
- 4.7.2.2 Re-activated Faults
- 4.7.2.3 Fault Reliability and Heave
- 4.7.3 Folds and Flexures

Code	Description	Image
41101a	Outer edge of terrace or declivity (teeth away from edge). The letter a may be used to distinguish accumulation or erosion terraces	
41101c	Outer edge of terrace or declivity (teeth away from edge). The letter e may be used to distinguish accumulation or erosion terraces	
41102	Scree Slope	
41103	Karst solution hollows (sink-holes, uvalas, poljes, dolines)	
41104	Volcanic cone	
41105	Abrupt change of relief, e.g. foot of hills	
41106	Major divide or crestline	
41107	Minor divide or crestline	
41108	Linear feature of unknown origin	
41109	Wind direction	
41110	Direction of morphological dip (dip of surface, plain, terrace etc) Use symbols from 4.1.2, combined with letter M, for added precision, if desired.	
41201	Lithostratigraphical boundary	
41202	Edge of stratum, whether expressed as scarp, scarplet or otherwise deduced	
41203	Joint	
41204	Dike	
41205	Strike line (general symbol)	
41206	Horizontal bedding	
41207	Subhorizontal (<2 o) bedding (slight southerly dip)	
41208	Outcropping layer with dip slope in general. The arrow should be extended over the full length of the visible slope.	

Code	Description	Image
41209a	Gentle dip slope (2 deg - 5 deg)	
41209b	Gentle dip slope (2 degr. -5 degr.). Symbols without arrows: b) may be used when space problems prohibit the arrow symbology of a).	
41210a	Moderate dip slope (6 deg - 20 deg)	
41210b	Moderate dip slope (6 degr. -20 degr.) Symbols without arrows: b) may be used when space problems prohibit the arrow symbology of a).	
41211a	Steep dip slope (>20 deg)	
41211b	Steep dip slope (>20 degr.) Symbols without arrows: b) may be used when space problems prohibit the arrow symbology of a).	
41212	Direction of dip, regional	
41213	Direction of dip, local	
41214	Axis of major regional high, culmination, geanticline	
41215	Axis of high, anticline	
41216	Axis of low, syncline	
41217	Bedding of strike and dip	
421001	Gravel, conglomerate, breccia	
421002	Sand, sandstone	
421003	Silt, siltstone	
421004	Clay, claystone, shale	
421005	Diamictite	
421006	Marl(stone), calcareous clay (/shale)	
421007	Limestone, chalk	

Code	Description	Image
421008	Dolomite	
421009	Gypsum, anhydrite	
421010	Rock salt	
421011	Coal	
421012	Plutonic rocks	
421013	Volcanic rocks	
421014	Ophiolites	
421015	Metamorphic rocks	
422201	Breccia (Brc)	
422202	Gravel (Grv)	
422203	Conglomerate (Cgl)	
422204a	Sand (S) (very sandy = s , slightly sandy = (s))	
422204b	Sandstone (Sst)	
422205a	Silt (Slt)	
422205b	Siltstone (Sltst)	
422206a	Clay (Cl)	
422206b	Claystone (Clst)	
422206c	Claystone (Clst)	
422207a	Shale (Sh)	

Code	Description	Image
422207b	Shale (Sh)	
422208	Diamictite, tillite (Tilt)	
422209	Greywacke (Gwke)	
422210	Arkose (Ark)	
423201	Limestone (Lst) (calcareous) (calc)	
423202	Limestone, dolomitic (Lst, dol)	
423203	Dolomite (Dol) (dolomitic) (dol)	
423204	Dolomite-Limestone (Dol-Lst) (mixture approximately equal or not determined)	
423205	Dolomite, calcareous (Dol, calc)	
423206	Chalk (Chk)	
423207	Unconsolidated lime mud (L mud, uncons)	
42401	Marl (Mrl)	
42402	Argillaceous limestone (Lst, arg)	
42403	(Marlstone) (Mrlst)	
42404	Sandy limestone (Lst, s)	
42501	Gypsum (Gyp)	
42502	Anhydrite (Anhd)	
42503a	Salt in general	
42503b	Halite, rock salt s.s.	

Code	Description	Image
42504	Potassium and magnesium salts in general	
42601	Peat	
42602	Coal, general (carbonaceous)	
42603	Bituminous	
42604	Plant remains	
42605	Coal conglomerate	
42606	Root bed	
42701	Chert (Cht)	
42702	Silicilyte, silicilith (Sct)	
42703	Glauconite (Glc)	
42704	Ironstone (ferruginous) (Fest fe)	
42705	Phosphate (Phos)	
428101	Intrusive (plutonic) rocks, general (Plut, In)	
428201	Dyke, sill (Dy)	
428301	Extrusive rocks, general (Vo, Ex)	
428302	Tuff (Tf)	
428303	Welded tuff, ignimbrite	
428304	Agglomerate, volcanic breccia	
428401	Ophiolites	

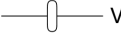
Code	Description	Image
42901	Metamorphic rocks, general (Metam)	
429011	Slate phyllite	
429012	Quartzite	
429013	Marble	
42902	Schist (Sch)	
429021	Gneiss	
429022	Amphibolite	
431601	Angular fragment, lithoclast (Lcl)	
431602	Lithoclasts, aggregated (Lcl, aggr)	
431603	Rounded particles (Psoo) (not determined further)	
431604	Rounded aggregated particles (Gpst) (grapestone)	
431701	1/16 - 4 mm Muddy internal texture	
431702	> 4 mm Muddy internal texture	
431703	1/16 - 4 mm Muddy internal texture	
431704	> 4 mm Muddy internal texture	
431705	1/16 - 4 mm Composite internal texture	
431706	> 4 mm Composite internal texture	
431707	1/16 - 4 Composite internal texture	
431708	> 4 mm Composite internal texture	

Code	Description	Image
431801	Faecal pellet, coprolite (Pel, fae)	
431802	Micropelletoid (<1/16 mm) (Micrpeld)	
431803	Pelletoid (1/16 - 2 mm) (Peld)	
431804	Superficial ooid (single layer) (Oo, spf) (single-layer coating of particles is indicated by adding horizontal bars to the appropriate symbol.)	
431805	Ooid (1/16 - 2 mm) (OO)	
431806	Pisoid (>2 mm) (Piso)	
431807	Onkoid (1/16 mm - 2 mm) (Onkd)	
431808	Onkoid (>2 mm) (Onkd)	
431901	Whole fossils, unspecified (Foss)	
431902	Bioclasts (unspecified broken fossils), angular (Bcl, ang)	
431903	Bioclasts (unspecified broken fossils), rounded (Bcl, rnd)	
431904	Larger foraminifera, coated	
431905	Pelagic foraminifera, broken	
432101	Intergranular (particle size > 20m)	
432102	Fine interparticle (particle size < 20m)	
432103	Intercrystalline (interxln Por)	
432104	Intragranular (Intragran Por)	
432105	Intrasketal (Intraskel Por)	
432106	Intracrystalline (Intraxln Por)	

Code	Description	Image
432107	Mouldic (mld Por)	
432108	Fenestral (fnstr Por)	
432109	Shelter (shelt Por)	
432110	Framework (frmwk Por)	
432201	Fracture (frac Por)	
432202	Stylolitic (stltc Por)	
432203	Replacement (repl Por)	
432204	Solution (sol Por)	
432205	Vuggy, vugular (vug, vug Por)	
432206	Channel (chnl Por)	
432207	Cavernous (person-sized pore) (cav, cav Por)	
432701	Vugs, disconnected < 10%	
432702	Vugs, disconnected > 10%	
432703	Vugs, connected < 10%	
432704	Vugs, connected > 10%	
435101	Fossils in general (Foss)	
435102	Fossils, benthonic (Foss, bent)	
435103	Fossils, pelagic (Foss, pelg)	
435104	Crossing out of a fossil symbol indicates broken fragments of that fossil	

Code	Description	Image
435201	Acritarchs (Acrt)	
435202	Algae (Alg)	
435203	Ammonites (Amm)	
435204	Belemnites (Blm)	
435205	Brachiopods (Brac)	
435206	Bryozoa (Bry)	
435207	Charophytes (Char)	
435208	Chitinozoa (Chtz)	
435209	Conodonts (Con)	
435210	Corals (Cor)	
435211	Crinoids (Crin)	
435212	Diatoms (Diat)	
435213	Dinoflagellates (Dinfl)	
435214	Echinoderms (Ech)	
435215	Fish remains (Fish Rem) Fish scales (Fish Sc)	
435216	Foraminifera, general (Foram)	
435217	Foraminifera, larger (Foram, sm)	
435218	Foraminifera, smaller (Foram, sm)	
435219	Foraminifera, smaller, benthonic (Foram, sm, bnt)	

Code	Description	Image
435220	Foraminifera, pelagic, planktonic (Foram, pelg/plk)	
435221	Gastropods (Gast)	
435222	Graptolites (Grap)	
435223	Lamellibranchs (Lbr) Pelecypods (Pelcp) Bivalves (Biv)	
435224	Lamellibranchs, pelagic (Lbr, pelg)	
435225	Microplankton (Mpl)	
435226	Molluscs (Mol)	
435227	Nannoplankton, calcareous (Nanplk)	
435228	Oligostegina (Oligst) (Calcspheres) (Calsph)	
435229	Ostracods (Ost)	
435230	Plant remains (Plt Rem)	
435231	Radiolaria (Rad)	
435232	Rudists (Rud)	
435233	Spicules (Spic)	
435234	Sporomorphs (Spr)	
435235	Stromatoporoids (Strom)	
435236	Tintinnids (Tin)	
435237	Trilobites (Tril)	
435238	Vertebrates (Vrtb)	

Code	Description	Image
435239	Woob, silicified (Wd, si)	
435301	Trails, "wormtracks", trace fossils	
435302	Vertebrate tracks	
435303a	Burrows vertical (Bur)	
435303b	Burrows horizontal (Bur)	
435304	Churned, bioturbated	
435305	Boring and animal tubes (Bor)	
435306	Bored surface (srf, bor)	
435401	Algal mats, stromatolites (Alg Mat)	
435402	Plant root tubes, rootlets (Plt Rt)	
4361001a	Graded bedding (grd-bd)	
4361002	Normal grading/fining upward	
4361003	Inverse grading/coarsening upward	
4361101	Parting lineation, Primary current lineation (part-Lin)	
4361102	Streaming lineation, Primary current lineation (strm-Lin)	
4361103	Shell, fossil lineation (foss-Lin)	
4361104	Plant fragment lineation (plt-Lin)	
4361105	Sand grain lineation (grain-Lin)	
4361106	Pebble lineation (pbl-Lin)	

Code	Description	Image
4361201	Flame structure	
4361202	Dish (and pillar) structure	
4361203	Load casts (load-Cs)	
4361204	Oversteepening, overturning	
4361205	Ptygmatic fold/entherolithic bedding	
4361206	Convolute bedding (conv-bd)	
4361207	Slumped, contorted bedding (slump, conv-bd)	
4361208	Drag folds (sedimentary) (drgfld, sed)	
4361209	Vein, sedimentary dyke (Vn, Dyke)	
4361301	Clay drape	
4361302	Carbonaceous drape	
4361303	Flute casts (flut-Cs)	
4361304	Striation casts (< 2 mm wide) (stri-Cs)	
4361305	Prod casts; bounce casts (prod-Cs)	
4361306	Raindrop imprints; gas, air or spring pits (rain-Imp)	
4361307	Mudcracks (Mdcrk)	
4361308	Syneresis cracks	
4361309	Salt moulds or hoppers (salt-Mld)	
4361310	Pseudo-nodules; phacoids (Psnod)	

Code	Description	Image
4361311	Tepee structure	
4361312	Pebble imbrication (pbl-lmb)	
4361313	Geopetal fabric; floored cavities	
4361314	Flute casts, directed N180 E, secondary direction N120 E (flut-Cs, N180E + (N120E))	
4361315	Striation casts directed N25 E (str-Cs, N25E)	
4361316	Prod casts, directed N40 E (prod-Cs, N40E)	
436301	Erosional surface, erosional contact	
436501	Wedge-shaped layer, tongue (wdg)	
436502	Lenticular layer, lens (len)	
436503	Unit with concave bottom and flat top (scour-and-fill, channel, wash-out)	
436504	As above, with horizontal fill	
436505	As above, but with foreset infill	
436506	Unit with convex top and flat bottom (add bedding attitude as above)	
436507	Olistolith, slide, rockfall (olisth)	
436508	Olistostrome, mass flow (olistr)	
436509	Bioherm	
436510	Biostrome	
436511	Reef	
436601	Cross-bedding (non-directional) (xbd)	

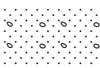
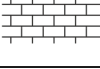
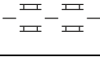
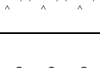
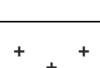
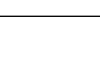
Code	Description	Image
436602	Cross-bedding, chevron or herringbone type (xbd-c)	
436603	Hummocky cross-stratification (xbd-hm)	
436604	Swaley cross-stratification (xbd-s)	
436605	Cross-bedding, directional (azimuth N80 E) (xbd-N80E)	
436701	Adhesion ripples (adh-Rpl)	
436702	Asymmetrical ripples in general (asym-Rpl)	
436703	Symmetrical ripples (sym-Rpl)	
436901	Parallel wavy	
436902	Flaser	
436903	Irregular, wavy bedding (irg-bd)	
436904	Lenticular, linsen bedding	
436905	Streaky	
436906	Crinkled (chrink-bd)	
437201	Boudinage; ball-and-flow structure	
437202	Pull-apart structure	
437203	Collapse, solution breccia (Bc, sol)	
437204	Boxwork structure, rauhwacke (Rauhw)	
437205	Cone-in-cone	
437206	Stromatactis	

Code	Description	Image
437207	Stylolites	
437208	Horse-tailing	
437209	Birdseye structure, keystone vugs	
437210	Fenestral structure	
437211	Crystal ghosts	
437212	Fossil ghosts	
437213	Ooid ghosts	
437301	Concretions, nodules, geodes in general (Conc, Nod)	
437302	Calcareous concretions (Calc-Conc)	
437303	Soil pisoids	
437304	Siliceous concretions (Si-Conc)	
437305	Anhydrite concretions (Anhd-Conc)	
437306	Anhydrite concretions compressed (Chicken-wire type)	
44301	Quaternary - Holocene-Pleistocene	
44302	Neogene - Pliocene-Miocene	
44303	Paleogene - Oligocene-Eocene -Paleocene	
44304	Cretaceous Upper	
44305	Cretaceous Lower	
44306	Jurassic Upper	

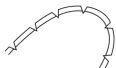
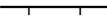
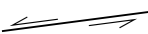
Code	Description	Image
44307	Jurassic Middle	
44308	Jurassic Lower	
44309	Triassic Upper	
44310	Triassic Middle	
44311	Triassic Lower	
44312	Permian Upper - Lopingian	
44313	Permian Middle - Guadalupian	
44314	Permian Lower - Cisuralian	
44315	Carboniferous Upper - Pennsylvanian	
44316	Carboniferous Lower - Mississippian	
44317	Devonian Upper	
44318	Devonian Middle	
44319	Devonian Lower	
44320	Silurian	
44322	Ordovician Upper	
44323	Ordovician Middle	
44324	Ordovician Lower	
44325	Cambrian	
44328	Precambrium - Ediacaran-Animikean	

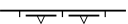
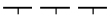
Code	Description	Image
44401	Highstand systems tract (HST)	
44402	Transgressive systems tract (TST)	
44403	Lowstand systems tract (LST)	
44404	Deep water fan system (undifferentiated) (DWF)	
44405	Leveed channel complex (LCC)	
44406	Debris flows/slumps (DF)	
44407	Basin floor fan complex (BFF)	
44408	Condensed systems tract (condensation horizons) (CST)	
44409	Incised valley fill (IVF)	
44410	Forced regressive shoreface wedge (FRW)	
44411	Lowstand wedge (LW)	
44412	Sequence boundary (SB)	
44413	Maximum flooding surface (MFS)	
44414	Transgressive/flooding surfaces (TS/FS)	
44415	Transgressive surface of erosion (TSE) (ravinement surface)	
44416	Regressive surface of erosion (RSE) (sharp-based shoreface erosion surface)	
446201a	Outcrop unit incomplete at top due to erosion	
446201b	Subcrop unit incomplete at top due to erosion	
446202	Subcrop unit incomplete at base due to non-deposition	

Code	Description	Image
446203	Subcrop unit incomplete due to intra-formational erosion and/or non-deposition	
451201	Terrestrial (continental)	
451202	Coastal (transitional marine)	
451203	Neritic (shelf) - undifferentiated	
451204	Inner neritic	
451205	Middle neritic	
451206	Outer neritic	
451207	Bathyal - undifferentiated	
451208	Upper bathyal	
451209	Middle bathyal	
451210	Lower bathyal	
45201	Terrestrial (continental)	
45202	Alluvial	
45203	Coastal plain	
45204	Upper shoreface	
45205	Lower shoreface	
45206	Shallow marine	
45207	Slope	
45208	Deep marine	

Code	Description	Image
45209	Lagoon	
45210	Backreef	
45211	Reef	
45212	Fore-reef	
45213	Carbonate slope	
46101	Sand/sandstone and conglomerate	
46102	Sand/sandstone	
46103	Sand/sandstone and clay/claystone/shale	
46104	Carbonate and sand/sandstone	
46105	Carbonate	
46106	Carbonate and clay/claystone/shale	
46107	Clay/claystone/shale, some carbonate	
46108	Clay/claystone/shale	
46109	Organic shale	
46110	Halite	
46111	Anhydrite, gypsum	
46112	Oolites, shoals	
46113	Coal	
46114	Batholiths	

Code	Description	Image
46115	Volcanics, local	
46116	Major extrusives, plateau basalts	
46117	Cratonic hinterlands (mainly low relief)	
46118	Inactive fold belts (moderate to high relief)	
46119	Active fold belts (high relief)	
46120	Direction of clastic influx	
46121	Direction of marine incursion	
46122	Direction of intra-basinal transport	
46201	Mainly continental clastics	
46202	Deltaic to shallow marine, mainly sands	
46203	Shallow marine, mainly shales	
46204	Shallow marine, clastics and carbonates	
46205	Shallow marine, mainly carbonates	
46206	Evaporites and clastics	
46207	Mainly evaporites	
46208	Evaporites, clastics and carbonates	
46209	Evaporites and carbonates	
46210	Deeper marine clastics and/or carbonates	
46211	Deeper marine, mainly sands	

Code	Description	Image
46212	Basin floored by oceanic crust	
46213	Uninterpreted areas	
46214	Plateau basalts	
46215	Oceanic - continental crust boundary	
46216	Active sea floor spreading axis	
46217	Transform zone	
46218a	Subduction zone	
46219	Sea mount	
46220a	Continental shelf - slope break	
46221a	Orogenic front	
46222	Centres of seismic activity, earthquake epicentres	
46223	Linear high, anticlinorium, major regional high or axis of uplift	
46224	Linear low, synclinorium, major regional low or basin axis	
46225a	Outline of basin subsidence	
472101a	Fault, dip of fault plane unknown, barbs on downthrown side	
472101c	Alternative fault symbol. Fault, dip of fault plane unknown, barbs on downthrown side	
472102a	Reverse fault, unspecified high dip angle (>30°) (barbs on the upthrown block)	
472103a	Overthrust, unspecified low dip angle (<30°) (barbs on the upthrown block)	
472104	Transcurrent fault - wrench fault	

Code	Description	Image
472201a	Extensional normal fault, re-activated as high angle reverse fault during subsequent phase of compression, i.e. inverted half graben	
472202a	Low angle overthrust, re-activated as normal fault or detachment during subsequent phase of extension or relaxation	
472301a	Fault position approximate, heave unknown	
472301c	Fault position approximate, heave unknown (alternative symbol)	
47301a	Flexure in general, points indicate downdip	

5.0 GEOCHEMISTRY

5.1.1 Source Rock Type

5.2.1 Maturity Zones

Code	Description	Image
51111	Moderate source rock, Oil prone, I & II, Hio 500	
51112	Good source rock, Oil prone, I & II, Hio 500	
51113	Excellent source rock, Oil prone, I & II, Hio 500	
51114	Moderate source rock, Mixed Oil & Gas, III/II & II/III, Hio 200-500	
51115	Good source rock, Mixed Oil & Gas, III/II & II/III, Hio 200-500	
51116	Excellent source rock, Mixed Oil & Gas, III/II & II/III, Hio 200-500	
51117	Moderate source rock, Gas prone, III, Hio < 200	
51118	Good source rock, Gas prone, III, Hio < 200	
51119	Excellent source rock, Gas prone, III, Hio < 200	
51120	Moderate source rock, Unknown, No HI	
51121	Good source rock, Unknown, No HI	
51122	Excellent source rock, Unknown, No HI	
51123	Barren	
52101	Immature	
52102	Mature for oil generation	
52103	Mature for gas generation/Postmature for oil generation	
52104	Postmature for both oil and gas	

6.0 GEOPHYSICS

6.1.3.3 Seismic Stratigraphy

Code	Description	Image
613301	Sequence boundary	
613302	Maximum flooding surface	
613303	Ravinement/transgressive/flooding surfaces	
613304	Highstand systems tract	
613305	Transgressive systems tract	
613306	Lowstand systems tract	
613307	Topsets, siliciclastics	
613308	Foresets, siliciclastics	
613309	Foresets, siliciclastics (optional)	
613310	Bottomsets, siliciclastics (pelagics, hemipelagics)	
613311	Debris flows/slumps	
613312	Levees (submarine channels)	
613313	Incised valley and submarine canyon fill (undifferentiated)	
613314	Basin floor fan (e.g. amalgamated channel complex, sheet sands and lobes)	
613315	Topsets, carbonates (including lagoonal facies)	
613316	Carbonate platform edge (buildups/shoals)	
613317	Carbonate slope deposits	
613318	Onlap	
613319	Downlap/clinoforms (undifferentiated)	

Code	Description	Image
613320	Toplapping clinoforms	
613321a	Final offlap break (shelf margin)	
613322	Channel/canyon morphology	
613323	Mounded geometries (undifferentiated)	
613324	Levee channel	
613325	Carbonate reef	
613326	Volcanic cone	
613327	Retrogressive/rotational slump	
613328	Chaotic facies	

7.0 WELLS

7.1 General Wells

7.2 Plugged & Abandoned Wells

7.3 Formerly productive now exhausted Wells

7.4 Producing Wells

7.5 Closed in Wells

7.6 Coal Bed Methane Wells

7.7 Injector and Supply Wells

Code	Description	Image
BORHOL	Borehole	
DRILNG	Well Drilling	
FAULTED	Faulted / Shaled out	
LOCPRO	Planned well	
OBSER	Observation well	
STATUN	Status unknown	
TIGHT	Tight hole	
W000P	Well location	
W000X	Suspended well	
W00DF	Dump flood well	
WRCSD	Well reaching caprock of salt dome	
ZONTRE	Zone of map not reached	
W000A	Plugged and abandoned	
W010A	Plugged and abandoned, gas shows	
W020A	Plugged and abandoned, gas interpreted productive	
W030A	Plugged and abandoned, gas proven productive	
W100A	Plugged and abandoned, oil shows	
W110A	Plugged and abandoned, oil and gas shows	
W120A	Plugged and abandoned, oil shows, gas interpreted productive	

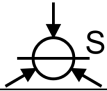
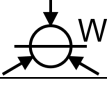
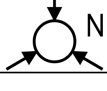
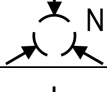
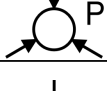
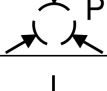
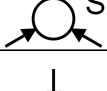
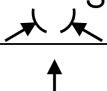
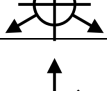
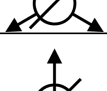
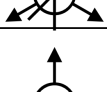
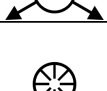
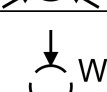
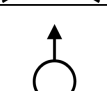
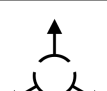
Code	Description	Image
W130A	Plugged and abandoned, oil shows, gas proven productive	
W200A	Plugged and abandoned, oil interpreted productive	
W210A	Plugged and abandoned, oil interpreted productive, gas shows	
W220A	Plugged and abandoned, oil and gas interpreted productive	
W230A	Plugged and abandoned, oil interpreted productive, gas proven productive	
W300A	Plugged and abandoned, oil proven productive	
W310A	Plugged and abandoned, oil proven productive, gas shows	
W320A	Plugged and abandoned, oil proven productive, gas interpreted productive	
W330A	Plugged and abandoned, oil and gas proven productive	
WT00A	Plugged and abandoned, Tar / bitumen shows	
W030D	Formerly productive now exhausted, gas proven productive	
W030DA	Formerly productive now exhausted and abandoned, gas proven productive	
W130D	Formerly productive now exhausted, oil shows, gas proven productive	
W130DA	Formerly productive now exhausted and abandoned, oil shows, gas proven productive	
W230D	Formerly productive now exhausted, oil interpreted productive, gas proven productive	
W230DA	Formerly productive now exhausted and abandoned, oil interpreted productive, gas proven productive	
W300D	Formerly productive now exhausted, oil proven productive	
W300DA	Formerly productive now exhausted and abandoned, oil proven productive	
W310D	Formerly productive now exhausted, oil proven productive, gas shows	

Code	Description	Image
W310DA	Formerly productive now exhausted and abandoned,oil proven productive, gas shows	
W320D	Formerly productive now exhausted, oil proven productive, gas interpreted productive	
W320DA	Formerly productive now exhausted and abandoned,oil proven productive, gas interpreted productive	
W330D	Formerly productive now exhausted, oil and gas proven productive	
W330DA	Formerly productive now exhausted and abandoned,oil and gas proven productive	
W010P	Producing, gas shows	
W020P	Producing, gas interpreted productive	
W030P	Producing, gas proven productive	
W100P	Producing, oil shows	
W110P	Producing, oil and gas shows	
W120P	Producing, oil shows, gas interpreted productive	
W130P	Producing, oil shows, gas proven productive	
W200P	Producing, oil interpreted productive	
W210P	Producing, oil interpreted productive, gas shows	
W220P	Producing, oil and gas interpreted productive	
W230P	Producing, oil interpreted productive, gas proven productive	
W300P	Producing, oil proven productive	
W310P	Producing, oil proven productive, gas shows	
W320P	Producing, oil proven productive, gas interpreted productive	

Code	Description	Image
W330P	Producing, oil and gas proven productive	
WT00P	Producing, tarry oil	
W000S	Well closed in	
W010S	Well closed in, gas shows	
W020S	Well closed in, gas interpreted productive	
W030S	Well closed in, gas proven productive	
W100S	Well closed in, oil shows	
W110S	Well closed in, oil and gas shows	
W120S	Well closed in, oil shows, gas interpreted productive	
W130S	Well closed in, oil shows, gas proven productive	
W200S	Well closed in, oil interpreted productive	
W210S	Well closed in, oil interpreted productive, gas shows	
W220S	Well closed in, oil and gas interpreted productive	
W230S	Well closed in, oil interpreted productive, gas proven productive	
W300S	Well closed in, oil proven productive	
W310S	Well closed in, oil proven productive, gas shows	
W320S	Well closed in, oil proven productive, gas interpreted productive	
W330S	Well closed in, oil and gas proven productive	
WT00S	Well closed in, tarry oil	

Code	Description	Image
CLOCPRO	Corehole well, planned	CoH
PLOCPRO	Pilot well, planned	Pil
SLOCPRO	Stratigraphic well, planned	Str
WC000A	Corehole well, plugged and abandoned, dry	CoH
WC010A	Corehole well, plugged and abandoned, gas shows	CoH
WC010P	Corehole well, gas shows	CoH
WC020A	Corehole well, plugged and abandoned, gas interpreted productive	CoH
WC020P	Corehole well, gas interpreted productive	CoH
WC030A	Corehole well, plugged and abandoned, gas proven productive	CoH
WC030P	Corehole well, gas proven productive	CoH
WP000A	Pilot well, plugged and abandoned, dry	Pil
WP010A	Pilot well, plugged and abandoned, gas shows	Pil
WP010P	Pilot well, gas shows	Pil
WP020A	Pilot well, plugged and abandoned, gas interpreted productive	Pil
WP020P	Pilot well, gas interpreted productive	Pil
WP030A	Pilot well, plugged and abandoned, gas proven productive	Pil
WP030P	Pilot well, gas proven productive	Pil
WS000A	Stratigraphic well, plugged and abandoned, dry	Str
WS010A	Stratigraphic well, plugged and abandoned, gas shows	Str

Code	Description	Image
WS010P	Stratigraphic well, gas shows	Str
WS020A	Stratigraphic well, plugged and abandoned, gas interpreted productive	Str
WS020P	Stratigraphic well, gas interpreted productive	Str
WS030A	Stratigraphic well, plugged and abandoned, gas proven productive	Str
WS030P	Stratigraphic well, gas proven productive	Str
W000I	Injector	
W00PI	Planned injector	
WC00I	Injector, CO2	
WC0PI	Planned injector, CO2	
WG0PI	Planned injector, gas	
WI00A	Injector, Plugged and abandoned	
WIC0A	Injector, Plugged and abandoned, CO2	
WIC0S	Injector, Closed in, CO2	
WIG0A	Injector, Plugged and abandoned, gas	
WIG0S	Injector, Closed in, gas	
WIN0A	Injector, Plugged and abandoned, nitrogen	
WIN0S	Injector, Closed in, nitrogen	
WIP0A	Injector, Plugged and abandoned, polymer	
WIP0S	Injector, Closed in, polymer	

Code	Description	Image
WIS0A	Injector, Plugged and abandoned, steam	
WIS0S	Injector, Closed in, steam	
WIW0A	Injector, Plugged and abandoned, water	
WIW0S	Injector, Closed in, water	
WN00I	Injector, nitrogen	
WN0PI	Planned injector, nitrogen	
WP00I	Injector, polymer	
WP0PI	Planned injector, polymer	
WS00I	Injector, steam	
WS0PI	Planned injector, steam	
WSUWA	Supply well, Plugged and abandoned, water	
WSUWD	Supply well, Formerly productive now exhausted.	
WSUWDA	Supply well, Plugged and Abandoned, Formerly productive now exhausted.	
WSUWS	Supply well, Closed in, water	
WSWDI	Salt water disposal well	
WW00I	Injector, water	
WW0PI	Planned injector, water	
WW0SU	Supply well, water	
WWPSU	Planned supply well, water	

Bibliographic information

Classification	Unrestricted
Report Number	SR.12.12048
Title	Shell Standard Legend (GREEN)
Sub title	Discipline Quality Standard
Author(s)	B. Hulshof (UIE/T/DG)
Keywords	SSL, Legend, Cartography, Mapping
Date of Issue	November 2012
US Export Control	Non US - No disclosure of Technology
WBSE Code	ZZUI/000401/010104
Approved by	H. Raven (Venture Implementation) P. Hopmans (PTW/PEWD) K. McLay (PTU/DG) P. Spaak (UIX/V/P) I. Prince (PTU/DF) D. Alsop (PDO-USR2) S. Naruk (PTI/ER) E. Idiz (PTI/EA) H. Tijhof (PTU/DQ)
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