

Permit Information:

Well Name: Dragon 36 State No. 9H

30-025-41465

Location:

SL: 220' FSL & 2428' FWL, Section 36, T-24-S, R-33-E, Lea Co., N.M.

BHL: 230' FNL & 2390' FWL, Section 36, T-24-S, R-33-E, Lea Co., N.M.

Casing Program:

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DF _{min} Collapse	DF _{min} Burst	DF _{min} Tension
17.5"	0 – 1230'	13.375"	54.5#	J55	STC	1.125	1.25	1.60
12.25"	0-4000'	9.625"	40#	J55	LTC	1.125	1.25	1.60
12.25"	4000' – 5100'	9.625"	40#	HCK-55	LTC	1.125	1.25	1.60
8.75"	0'-14,124'	5.5"	17#	HCP-110	LTC	1.125	1.25	1.60

Cement Program:

Depth	No. Sacks	Wt. ppg	Yld Ft ³ /ft	Slurry Description
1230'	500	13.5	1.73	Class C + 4.0% Bentonite + 0.6% CD-32 + 0.5% CaCl ₂ + 0.25 lb/sk Cello-Flake (TOC @ Surface)
	200	14.8	1.34	Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate
5,100'	800	12.7	2.22	Class 'C' + 1.50% R-3 + 0.25 lb/sk Cello-Flake + 2.0% Sodium Metasilicate + 10% Salt + 0.005 lb/sk Static Free
	200	14.8	1.32	Tail: Class 'C' + 0.25 lb/sk Cello Flake + 0.005 lb/sk Static Free
14,124'	375	10.8	3.67	60:40:0 Class C + 15.0 pps BA-90 + 4% MPA-5 + 3.0% SMS + 5.0% A-10 + 1.0% BA-10A + 0.80% ASA-301 + 2.55% R-21 + 8.0 pps LCM-1
	400	11.8	2.38	50:50:10 Class H + 0.80% FL-52 + 0.30% ASA-301 + 0.40% SMS + 2.0% Salt + 0.30% R-21 + 3.0 pps LCM-1 + 0.25 pps Celloflake
	1300	14.2	1.28	50:50:2 Class H + 0.65% FL-52 + 0.45% CD-32 + 0.10% SMS + 2.0% Salt

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 1230'	Fresh - Gel	8.6-8.8	28-34	N/c
1230' – 5,100'	Brine	10.0-10.2	28-34	N/c
5,100' – 9,021'	Cut Brine	8.4-9.0	28-34	N/c
KOP – 14,124' Lateral	Cut Brine	9.0-9.5	40-42	8-10

OCT 31 2013

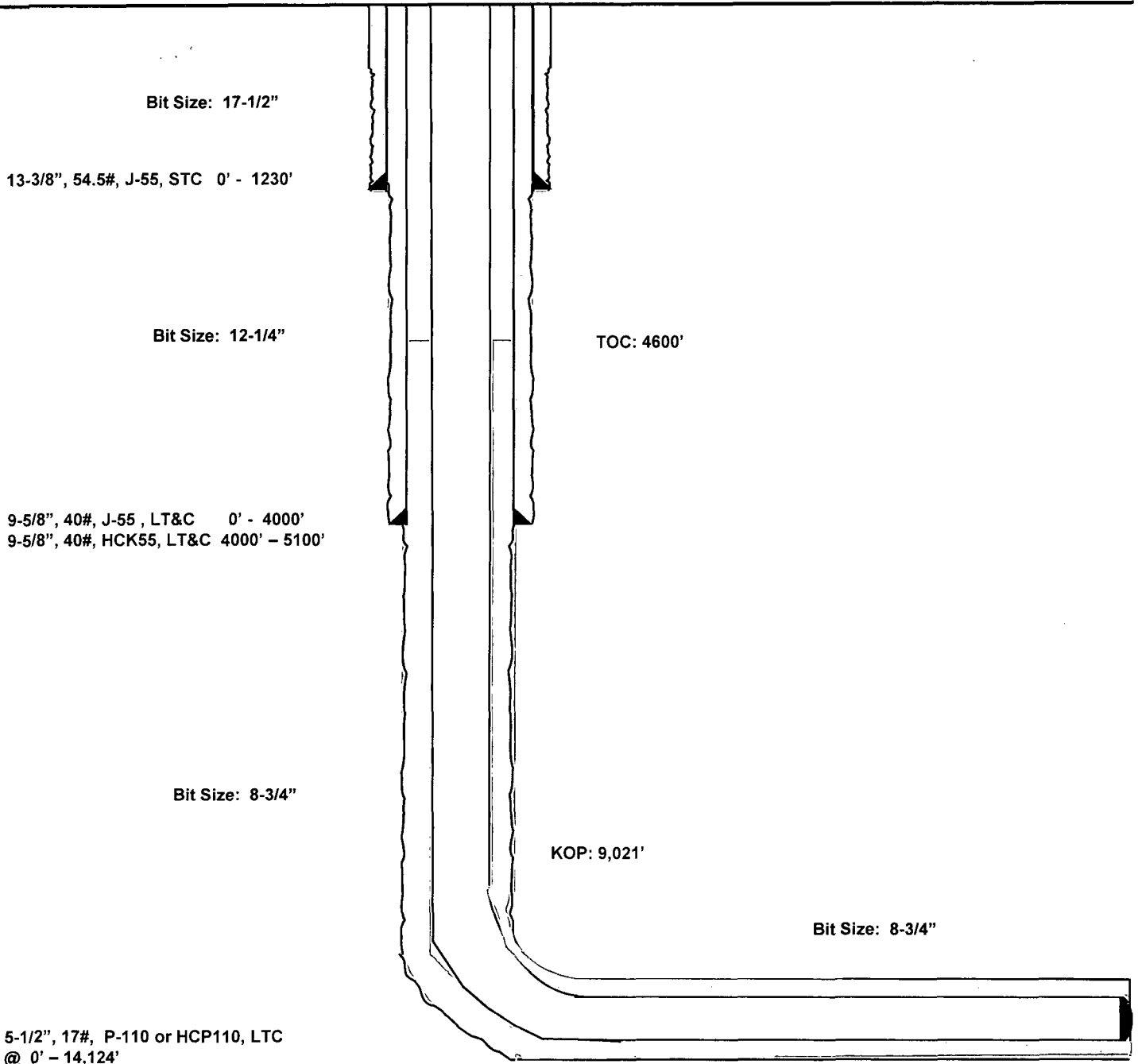
Dragon 36 State #9H
Pitchfork Ranch
Lea County, New Mexico

220' FSL
2428' FWL
Section 36
T-24-S, R-33-E

Proposed Wellbore

API: 30-025-

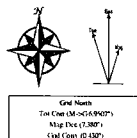
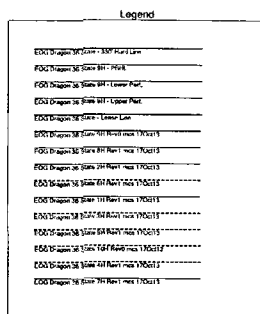
KB: 3,504'
GL: 3,474'



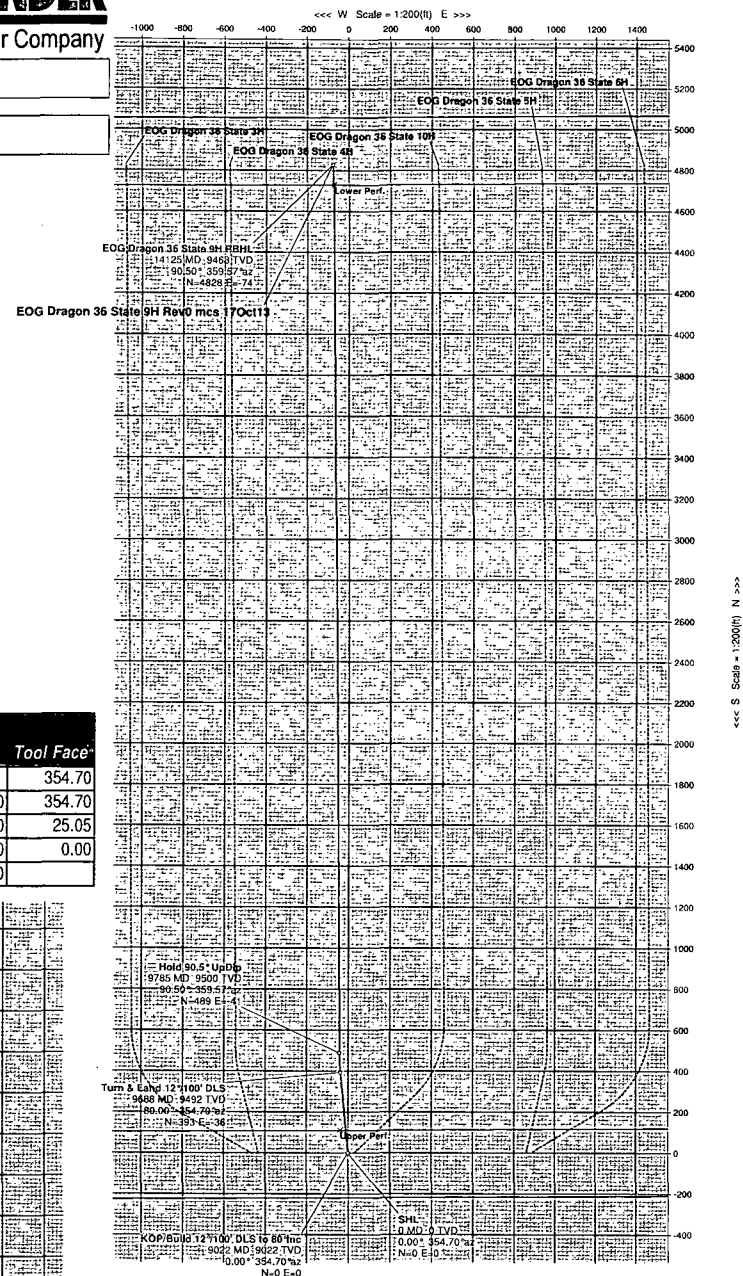
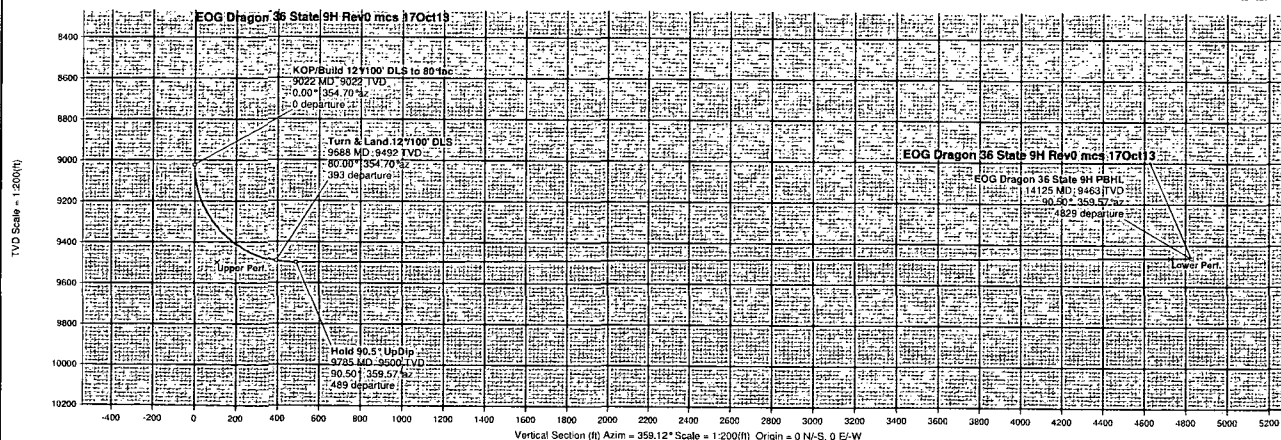
Lateral: 14,124' MD, 9,462' TVD

BH Location: 230' FNL & 2390' FWL
Section 36
T-24-S, R-33-E

WELL		FIELD		STRUCTURE	
Dragon 36 State 9H		Lea County, NM (NAD 27)		Dragon 36 State 9H	
Magnetic Parameters		Surface Location		Miscellaneous	
Model	BGM02.2012	Dip	60.036°	Date:	October 17, 2013
		Mag Dec:	7.340°	PS:	43114.5aT
		Latitude		NAD83 Mean Sea Level, Eastern Zone, US Feet	
		Lat:	N 32 10 2.240	Northing:	425517.00405
		Long:	W 101 11 14.515	Easting:	749747.00205
				Grid Cont:	0.438°
				Scale Fact:	0.99998052
				Star:	Dragon 36 State 9H
				Plan:	Rev 04/17/0513
				TVD Ref:	RAB(150ft above)
				Sev Date:	October 17, 2013



Comments	Survey MD	Inc	Azim	TVD	SSTVD	Critical Points									
						VS	NS	EW	Longitude	Latitude	Easting	Northing	DLS	Tool Face	
SHL	0.00	0.00	354.70	0.00	-3504.00	0.00	0.00	0.00	W 103 31 34.533	N 32 10 2.240	749737.00	425517.00		354.70	
KOP/Build 12°100' DLS to 80°Inc	9021.81	0.00	354.70	9021.81	5517.81	0.00	0.00	0.00	W 103 31 34.533	N 32 10 2.240	749737.00	425517.00	0.00	354.70	
Turn & Land 12°100' DLS	9688.48	80.00	354.70	9492.02	5988.02	393.38	392.87	-36.45	W 103 31 34.923	N 32 10 6.130	749700.56	425909.86	12.00	25.05	
Hold 90.5° UpDip	9784.80	90.50	359.57	9500.00	5996.00	489.15	488.58	-41.21	W 103 31 34.970	N 32 10 7.077	749695.79	426005.57	12.00	0.00	
PBHL	14124.61	90.50	359.57	9462.50	5958.50	4828.67	4828.10	-74.00	W 103 31 34.973	N 32 10 50.021	749663.00	430345.00			





EOG Dragon 36 State 9H Rev0 mcs 17Oct13 Proposal Geodetic Report



(Def Plan)

Report Date: October 21, 2013 - 01:38 PM
Client: Eog Resources
Field: NM Lea County (NAD 27)
Structure / Slot: EOG Dragon 36 State 9H / EOG Dragon 36 State 9H
Well: EOG Dragon 36 State 9H
Borehole: Original Borehole
UWI / API#: Unknown / Unknown
Survey Name: EOG Dragon 36 State 9H Rev0 mcs 17Oct13
Survey Date: October 17, 2013
Tort / AHD / DDI / ERD Ratio: 91.559' / 4830.062 ft / 5.818' / 0.508
Coordinate Reference System: NAD27 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 10' 2.23969" W 103° 31' 34.53304"
Location Grid N/E Y/X: N 425517.000 ftUS, E 749737.000 ftUS
CRS Grid Convergence Angle: 0.4297 °
Grid Scale Factor: 0.99989052

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 359.122 ° (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB
TVD Reference Elevation: 3504.000 ft above
Seabed / Ground Elevation: 3474.000 ft above
Magnetic Declination: 7.380 °
Total Gravity Field Strength: 988.4749mgn (9.80685 Based)
Total Magnetic Field Strength: 48314.462 nT
Magnetic Dip Angle: 60.036 °
Declination Date: October 17, 2013
Magnetic Declination Model: BGM 2012
North Reference: Grid North
Grid Convergence Used: 0.4297 °
Total Corr Mag North->Grid North: 6.9507 °

Local Coord Referenced To: Structure Reference Point

Comments	MD (ft)	Incl (°)	Azlm Grid (°)	TVD (ft)	TVDSS (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
SHL	0.00	0.00	354.70	0.00	-3504.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	100.00	0.00	354.70	100.00	-3404.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	200.00	0.00	354.70	200.00	-3304.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	300.00	0.00	354.70	300.00	-3204.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	400.00	0.00	354.70	400.00	-3104.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	500.00	0.00	354.70	500.00	-3004.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	600.00	0.00	354.70	600.00	-2904.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	700.00	0.00	354.70	700.00	-2804.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	800.00	0.00	354.70	800.00	-2704.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	900.00	0.00	354.70	900.00	-2604.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	1000.00	0.00	354.70	1000.00	-2504.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	1100.00	0.00	354.70	1100.00	-2404.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	1200.00	0.00	354.70	1200.00	-2304.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	1300.00	0.00	354.70	1300.00	-2204.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	1400.00	0.00	354.70	1400.00	-2104.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	1500.00	0.00	354.70	1500.00	-2004.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	1600.00	0.00	354.70	1600.00	-1904.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	1700.00	0.00	354.70	1700.00	-1804.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	1800.00	0.00	354.70	1800.00	-1704.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	1900.00	0.00	354.70	1900.00	-1604.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	2000.00	0.00	354.70	2000.00	-1504.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	2100.00	0.00	354.70	2100.00	-1404.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	2200.00	0.00	354.70	2200.00	-1304.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	2300.00	0.00	354.70	2300.00	-1204.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	2400.00	0.00	354.70	2400.00	-1104.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	2500.00	0.00	354.70	2500.00	-1004.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	2600.00	0.00	354.70	2600.00	-904.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	2700.00	0.00	354.70	2700.00	-804.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	2800.00	0.00	354.70	2800.00	-704.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	2900.00	0.00	354.70	2900.00	-604.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	3000.00	0.00	354.70	3000.00	-504.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	3100.00	0.00	354.70	3100.00	-404.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	3200.00	0.00	354.70	3200.00	-304.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	3300.00	0.00	354.70	3300.00	-204.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	3400.00	0.00	354.70	3400.00	-104.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	3500.00	0.00	354.70	3500.00	-4.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	3600.00	0.00	354.70	3600.00	96.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	3700.00	0.00	354.70	3700.00	196.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	3800.00	0.00	354.70	3800.00	296.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	3900.00	0.00	354.70	3900.00	396.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	4000.00	0.00	354.70	4000.00	496.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	4100.00	0.00	354.70	4100.00	596.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	4200.00	0.00	354.70	4200.00	696.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	4300.00	0.00	354.70	4300.00	796.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	4400.00	0.00	354.70	4400.00	896.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	4500.00	0.00	354.70	4500.00	996.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	4600.00	0.00	354.70	4600.00	1096.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	4700.00	0.00	354.70	4700.00	1196.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	4800.00	0.00	354.70	4800.00	1296.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	4900.00	0.00	354.70	4900.00	1396.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	5000.00	0.00	354.70	5000.00	1496.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	5100.00	0.00	354.70	5100.00	1596.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	5200.00	0.00	354.70	5200.00	1696.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	5300.00	0.00	354.70	5300.00	1796.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	5400.00	0.00	354.70	5400.00	1896.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	5500.00	0.00	354.70	5500.00	1996.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	5600.00	0.00	354.70	5600.00	2096.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	5700.00	0.00	354.70	5700.00	2196.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	5800.00	0.00	354.70	5800.00	2296.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	5900.00	0.00	354.70	5900.00	2396.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	6000.00	0.00	354.70	6000.00	2496.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	6100.00	0.00	354.70	6100.00	2596.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	6200.00	0.00	354.70	6200.00	2696.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	6300.00	0.00	354.70	6300.00	2796.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	6400.00	0.00	354.70	6400.00	2896.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	6500.00	0.00	354.70	6500.00	2996.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	6600.00	0.00	354.70	6600.00	3096.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	6700.00	0.00	354.70	6700.00	3196.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	6800.00	0.00	354.70	6800.00	3296.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	6900.00	0.00	354.70	6900.00	3396.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53

Comments	MD (ft)	Incl (°)	Azim Grd (°)	TVD (ft)	TVDSS (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	8000.00	0.00	354.70	8000.00	4496.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	8100.00	0.00	354.70	8100.00	4596.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	8200.00	0.00	354.70	8200.00	4696.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	8300.00	0.00	354.70	8300.00	4796.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	8400.00	0.00	354.70	8400.00	4896.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	8500.00	0.00	354.70	8500.00	4996.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	8600.00	0.00	354.70	8600.00	5096.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	8700.00	0.00	354.70	8700.00	5196.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	8800.00	0.00	354.70	8800.00	5296.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	8900.00	0.00	354.70	8900.00	5396.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
KOP/Build 12°/100' DLS to 80° inc	9000.00	0.00	354.70	9000.00	5496.00	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	9021.81	0.00	354.70	9021.81	5517.81	0.00	0.00	0.00	0.00	425517.00	749737.00	N 32 10 2.24	W 103 31 34.53
	9100.00	9.38	354.70	9099.65	5595.65	6.37	6.36	-0.59	12.00	425523.36	749736.41	N 32 10 2.30	W 103 31 34.54
	9200.00	21.38	354.70	9195.89	5691.89	32.77	32.73	-3.04	12.00	425549.72	749733.96	N 32 10 2.56	W 103 31 34.57
	9300.00	33.38	354.70	9284.53	5780.53	78.54	78.44	-7.28	12.00	425595.44	749729.72	N 32 10 3.02	W 103 31 34.61
Turn & Land 12°/100' DLS	9400.00	45.38	354.70	9361.68	5857.68	141.69	141.50	-13.13	12.00	425658.50	749723.87	N 32 10 3.64	W 103 31 34.67
	9500.00	57.38	354.70	9423.97	5919.97	219.44	219.16	-20.33	12.00	425736.15	749716.67	N 32 10 4.41	W 103 31 34.75
	9600.00	69.38	354.70	9468.70	6034.42	308.42	308.02	-28.57	12.00	425825.01	749708.43	N 32 10 5.29	W 103 31 34.84
	9688.48	80.00	354.70	9492.02	5988.02	393.38	392.87	-36.45	12.00	425908.86	749700.56	N 32 10 6.13	W 103 31 34.92
	9700.00	81.25	355.29	9493.90	5989.90	404.72	404.19	-37.44	12.00	425921.18	749699.56	N 32 10 6.24	W 103 31 34.93
Hold 90.5° UpDip	9784.80	90.50	359.57	9500.00	5996.00	489.15	488.58	-41.21	12.00	426005.57	749695.79	N 32 10 7.08	W 103 31 34.97
	9800.00	90.50	359.57	9499.86	5995.86	504.35	503.78	-41.32	0.00	426020.77	749695.68	N 32 10 7.23	W 103 31 34.97
	9900.00	90.50	359.57	9499.00	5995.00	604.34	603.77	-42.08	0.00	426120.76	749694.92	N 32 10 8.22	W 103 31 34.97
	10000.00	90.50	359.57	9498.14	5994.14	704.34	703.76	-42.83	0.00	426220.75	749694.17	N 32 10 9.21	W 103 31 34.97
	10100.00	90.50	359.57	9497.27	5993.27	804.33	803.76	-43.59	0.00	426320.74	749693.41	N 32 10 10.20	W 103 31 34.97
	10200.00	90.50	359.57	9496.41	5992.41	904.32	903.75	-44.34	0.00	426420.73	749692.66	N 32 10 11.18	W 103 31 34.97
	10300.00	90.50	359.57	9495.54	5991.54	1004.32	1003.74	-45.10	0.00	426520.72	749691.90	N 32 10 12.18	W 103 31 34.97
	10400.00	90.50	359.57	9494.68	5990.68	1104.31	1103.74	-45.86	0.00	426620.71	749691.15	N 32 10 13.16	W 103 31 34.97
	10500.00	90.50	359.57	9493.82	5989.82	1204.30	1203.73	-46.61	0.00	426720.70	749690.39	N 32 10 14.15	W 103 31 34.97
	10600.00	90.50	359.57	9492.95	5988.95	1304.30	1303.72	-47.37	0.00	426820.70	749689.63	N 32 10 15.14	W 103 31 34.97
	10700.00	90.50	359.57	9492.09	5988.09	1404.29	1403.72	-48.12	0.00	426920.69	749688.88	N 32 10 16.13	W 103 31 34.97
	10800.00	90.50	359.57	9491.22	5987.22	1504.28	1503.71	-48.88	0.00	427020.68	749688.12	N 32 10 17.12	W 103 31 34.97
	10900.00	90.50	359.57	9490.36	5986.36	1604.28	1603.70	-49.63	0.00	427120.67	749687.37	N 32 10 18.11	W 103 31 34.97
	11000.00	90.50	359.57	9489.50	5985.50	1704.27	1703.70	-50.39	0.00	427220.66	749686.61	N 32 10 19.10	W 103 31 34.97
	11100.00	90.50	359.57	9488.63	5984.63	1804.26	1803.69	-51.15	0.00	427320.65	749685.86	N 32 10 20.09	W 103 31 34.97
	11200.00	90.50	359.57	9487.77	5983.77	1904.26	1903.68	-51.90	0.00	427420.64	749685.10	N 32 10 21.08	W 103 31 34.97
	11300.00	90.50	359.57	9486.90	5982.90	2004.25	2003.68	-52.66	0.00	427520.63	749684.34	N 32 10 22.07	W 103 31 34.97
	11400.00	90.50	359.57	9486.04	5982.04	2104.24	2103.67	-53.41	0.00	427620.63	749683.59	N 32 10 23.06	W 103 31 34.97
	11500.00	90.50	359.57	9485.18	5981.18	2204.24	2203.66	-54.17	0.00	427720.62	749682.83	N 32 10 24.05	W 103 31 34.97
	11600.00	90.50	359.57	9484.31	5980.31	2304.23	2303.66	-54.92	0.00	427820.61	749682.08	N 32 10 25.04	W 103 31 34.97
	11700.00	90.50	359.57	9483.45	5979.45	2404.22	2403.65	-55.68	0.00	427920.60	749681.32	N 32 10 26.03	W 103 31 34.97
	11800.00	90.50	359.57	9482.58	5978.58	2504.22	2503.64	-56.43	0.00	428020.59	749680.57	N 32 10 27.02	W 103 31 34.97
	11900.00	90.50	359.57	9481.72	5977.72	2604.21	2603.64	-57.19	0.00	428120.58	749679.81	N 32 10 28.01	W 103 31 34.97
	12000.00	90.50	359.57	9480.86	5976.86	2704.20	2703.63	-57.95	0.00	428220.57	749679.05	N 32 10 29.00	W 103 31 34.97
	12100.00	90.50	359.57	9479.99	5975.99	2804.20	2803.63	-58.70	0.00	428320.56	749678.30	N 32 10 29.99	W 103 31 34.97
	12200.00	90.50	359.57	9479.13	5975.13	2904.19	2903.62	-59.46	0.00	428420.56	749677.54	N 32 10 30.98	W 103 31 34.97
	12300.00	90.50	359.57	9478.26	5974.26	3004.18	3003.61	-60.21	0.00	428520.55	749676.79	N 32 10 31.97	W 103 31 34.97
	12400.00	90.50	359.57	9477.40	5973.40	3104.18	3103.61	-60.97	0.00	428620.54	749676.03	N 32 10 32.96	W 103 31 34.97
	12500.00	90.50	359.57	9476.54	5972.54	3204.17	3203.60	-61.72	0.00	428720.53	749675.28	N 32 10 33.94	W 103 31 34.97
	12600.00	90.50	359.57	9475.67	5971.67	3304.16	3303.59	-62.48	0.00	428820.52	749674.52	N 32 10 34.93	W 103 31 34.97
	12700.00	90.50	359.57	9474.81	5970.81	3404.15	3403.59	-63.24	0.00	428920.51	749673.77	N 32 10 35.92	W 103 31 34.97
	12800.00	90.50	359.57	9473.94	5969.94	3504.15	3503.58	-63.99	0.00	429020.50	749673.01	N 32 10 36.91	W 103 31 34.97
	12900.00	90.50	359.57	9473.08	5969.08	3604.14	3603.57	-64.75	0.00	429120.50	749672.25	N 32 10 37.90	W 103 31 34.97
	13000.00	90.50	359.57	9472.22	5968.22	3704.13	3703.57	-65.50	0.00	429220.48	749671.50	N 32 10 38.89	W 103 31 34.97
	13100.00	90.50	359.57	9471.35	5967.35	3804.13	3803.56	-66.26	0.00	429320.48	749670.74	N 32 10 39.88	W 103 31 34.97
	13200.00	90.50	359.57	9470.49	5966.49	3904.12	3903.55	-67.01	0.00	429420.47	749669.99	N 32 10 40.87	W 103 31 34.97
	13300.00	90.50	359.57	9469.62	5965.62	4004.11	4003.55	-67.77	0.00	429520.46	749669.23	N 32 10 41.86	W 103 31 34.97
	13400.00	90.50	359.57	9468.76	5964.76	4104.11	4103.54	-68.53	0.00	429620.45	749668.48	N 32 10 42.85	W 103 31 34.97
	13500.00	90.50	359.57	9467.90	5963.90	4204.10	4203.53	-69.28	0.00	429720.44	749667.72	N 32 10 43.84	W 103 31 34.97
	13600.00	90.50	359.57	9467.03	5963.03	4304.09	4303.53	-70.04	0.00	429820.43	749666.96	N 32 10 44.83	W 103 31 34.97
	13700.00	90.50	359.57	9466.17	5962.17	4404.09	4403.52	-70.79	0.00	429920.43	749666.21	N 32 10 45.82	W 103 31 34.97
	13800.00	90.50	359.57	9465.30	5961.30	4504.08	4503.51	-71.55	0.00	430020.42	749665.45	N 32 10 46.81	W 103 31 34.97
	13900.00	90.50	359.57	9464.44	5960.44	4604.07	4603.51	-72.30	0.00	430120.41	749664.70	N 32 10 47.80	W 103 31 34.97
	14000.00	90.50	359.57	9463.58	5959.58	4704.07	4703.50	-73.06	0.00	430220.40	749663.94	N 32 10 48.79	W 103 31 34.97
	14100.00	90.50	359.57	9462.71	5958.71	4804.06	4803.49	-73.82	0.00	430320.39	749663.19	N 32 10 49.78	W 103 31 34.97
EOG Dragon 36 State 9H PBHL	14124.61	90.50	359.57	9462.50	5958.50	4828.67	4828.10	-74.00	0.00	430345.00	749663.00	N 32 10 50.02	W 103 31 34.97

Survey Type: Def Plan

Survey Error Model: ISCSWA Rev 0 *** 3-D 95.000% Confidence 2.7955 sigma
Survey Program:

Description	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	0.000	30.000	1/100.000	30.000	30.000	SLB_MWD-STD-Depth Only	Original Borehole / EOG Dragon 36 State 9H Rev0 mcs 17Oct13
	30.000	14124.612	1/100.000	30.000	30.000	SLB_MWD-STD	Original Borehole / EOG Dragon 36 State 9H Rev0 mcs 17Oct13