

Permit Information:

Well Name: Dragon 36 State No. 10H

30-025-41464

Location:

SL: 220' FSL & 2458' FWL, Section 36, T-24-S, R-33-E, Lea Co., N.M.

BHL: 230' FNL & 2390' FEL, 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'-14,261'	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
14,261'	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' – 8,995'	Cut Brine	8.4-9.0	28-34	N/c
KOP – 14,261' Lateral	Cut Brine	9.0-9.5	40-42	8-10

OCT 31 2013

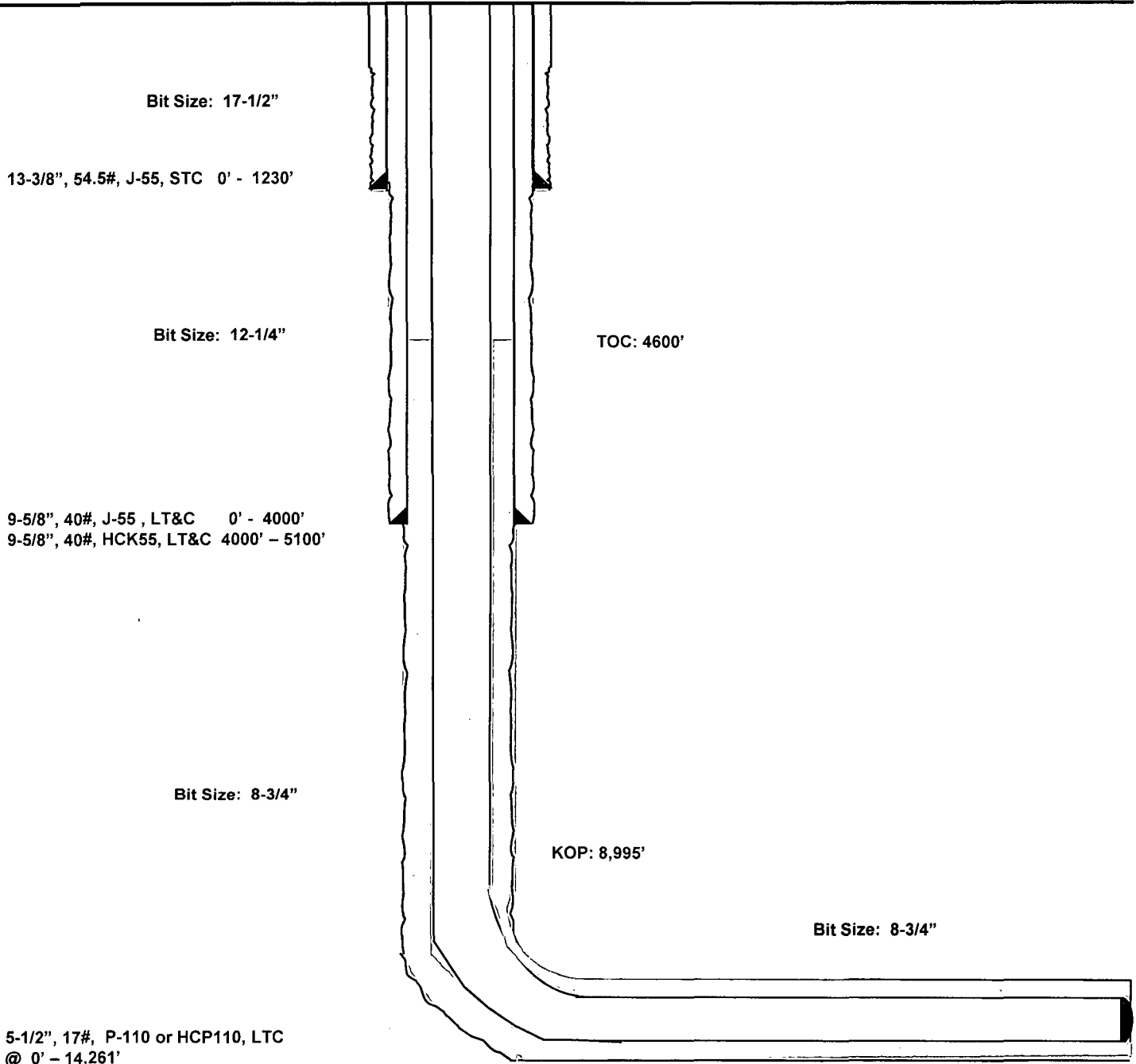
Dragon 36 State #10H
Pitchfork Ranch
Lea County, New Mexico

220' FSL
2458' FWL
Section 36
T-24-S, R-33-E

Proposed Wellbore

KB: 3,503'
GL: 3,473'

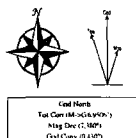
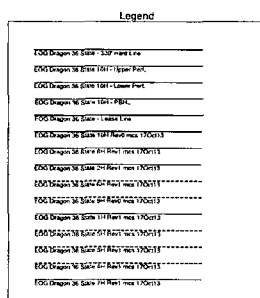
API: 30-025-



Lateral: 14,261' MD, 9,463' TVD

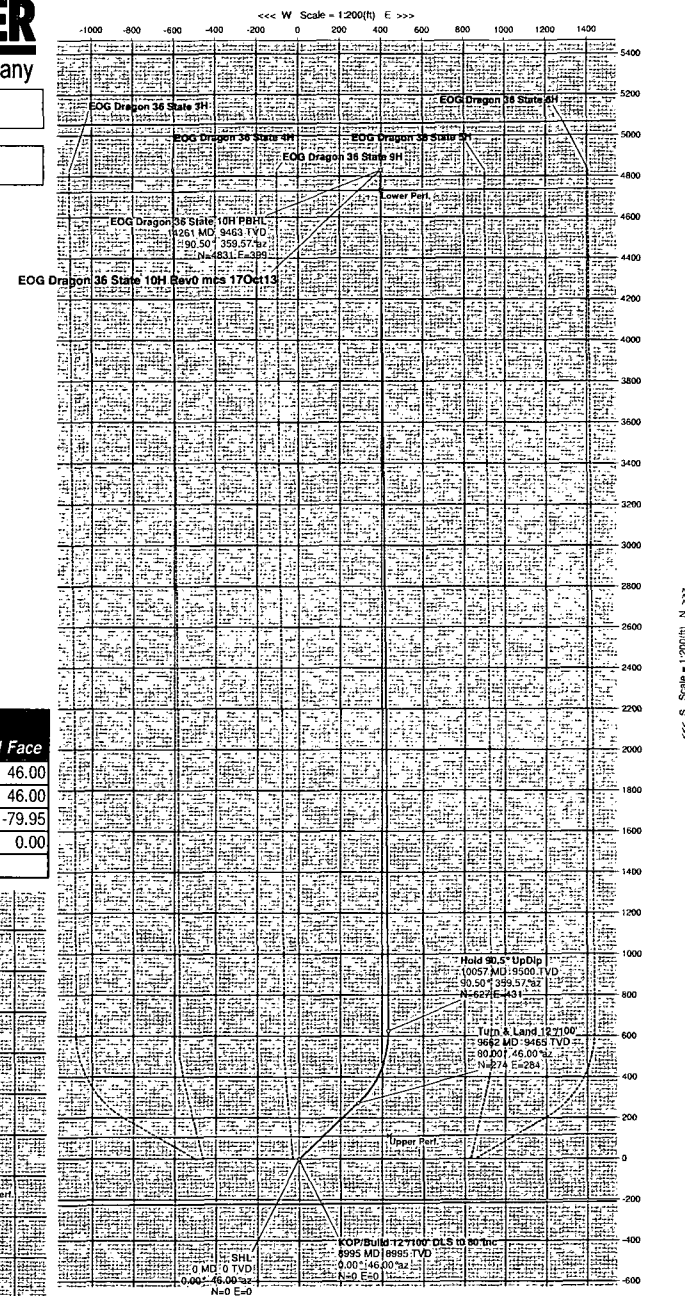
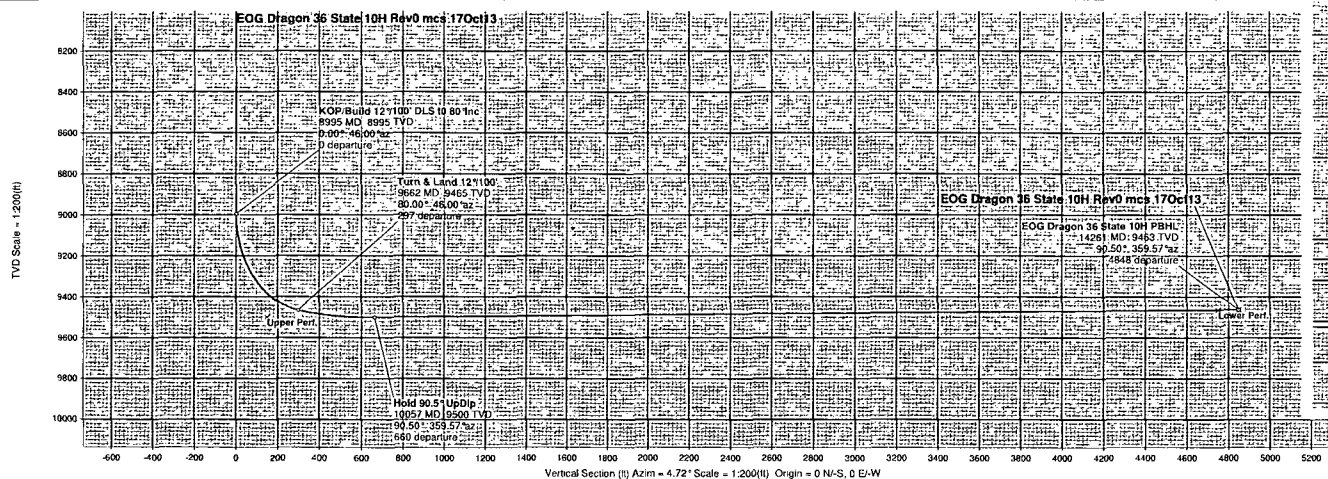
BH Location: 230' FNL & 2390' FEL
Section 36
T-24-S, R-33-E

Well: Dragon 36 State 10H		Field: Lea County, NM (NAD 27)		Structure: Dragon 36 State 10H	
Mapset Parameters: Model: BGGM 2012 Dip: 66.030° Mag Dec: 7.350°		Surface Location: Lat: N 12 10 2.237 Lon: W 103 31 34.184 Elevation: 415517.00 ft US Elevation: 749767.00 ft US Sack Fact: 0.99998054		Miscellaneous: Sls: Dragon 36 State 10H Plan: Regd mcs 170x1.1 TVD Ref: BGR15510 (above) Srv Date: October 17, 2013	



Critical Points

Comments	Survey MD	Inc	Azim	TVD	SSTVD	VS	NS	EW	Longitude	Latitude	Easting	Northing	DLS	Tool Face
SHL	0.00	0.00	46.00	0.00	-3503.00	0.00	0.00	0.00	W 103 31 34.184	N 32 10 2.237	749767.00	425517.00		46.00
KOP/Build 12°1'00" DLS to 80°Inc	8895.26	0.00	46.00	8895.26	5492.26	0.00	0.00	0.00	W 103 31 34.184	N 32 10 2.237	749767.00	425517.00	0.00	46.00
Turn & Land 12°1'00"	9661.93	80.00	46.00	9465.47	5962.47	296.51	274.08	283.82	W 103 31 30.858	N 32 10 4.928	750050.81	425791.07	12.00	-79.95
Hold 90.5° UpDip	10056.71	90.00	359.57	9500.00	5997.00	660.15	626.83	430.63	W 103 31 29.120	N 32 10 8.408	750197.62	426143.82	12.00	0.00
PBHL	14261.27	90.50	359.57	9463.00	5960.48	487.45	589.01	399.01	W 103 31 29.120	N 32 10 50.013	750166.00	426308.00	0.00	



Drawn By: MSheffar
Date Created: October 21, 2013 02:28:16 PM
Checked By:
Checked Date:
Approved By:
Approved Date:



EOG Dragon 36 State 10H Rev0 mcs 17Oct13 Proposal Geodetic Report



(Def Plan)

Report Date: October 21, 2013 - 02:26 PM
Client: Eog Resources
Field: NM Lea County (NAD 27)
Structure / Slot: EOG Dragon 36 State 10H / EOG Dragon 36 State 10H
Well: EOG Dragon 36 State 10H
Borehole: Original Borehole
UJWI / API#: Unknown / Unknown
Survey Name: EOG Dragon 36 State 10H Rev0 mcs 17Oct13
Survey Date: October 17, 2013
Tort / AHD / DDI / ERD Ratio: 127.375 * / 4991.854 ft / 5.980 / 0.525
Coordinate Reference System: NAD27 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 10' 2.23747", W 103° 31' 34.18405"
Location Grid N/E Y/X: N 425517.000 NUS, E 749767.000 NUS
CRS Grid Convergence Angle: 0.4298 *
Grid Scale Factor: 0.99988054

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 4.721 * (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB
TVD Reference Elevation: 3503.000 ft above
Seabed / Ground Elevation: 3473.000 ft above
Magnetic Declination: 7.380 *
Total Gravity Field Strength: 998.4750mg (9.80665 Based)
Total Magnetic Field Strength: 48314.480 nT
Magnetic Dip Angle: 60.036 *
Declination Date: October 17, 2013
Magnetic Declination Model: BGGM 2012
North Reference: Grid North
Grid Convergence Used: 0.4298 *

Total Corr Mag North->Grid North: 6.9506 *

Local Coord Referenced To: Structure Reference Point

Comments	MD (ft)	Incl (°)	Azlm Grid (°)	TVD (ft)	TVDSS (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
SHL	0.00	0.00	46.00	0.00	-3503.00	0.00	0.00	0.00	0.00	N/A	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18
	100.00	0.00	46.00	100.00	-3403.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18	
	200.00	0.00	46.00	200.00	-3303.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18	
	300.00	0.00	46.00	300.00	-3203.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18	
	400.00	0.00	46.00	400.00	-3103.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18	
	500.00	0.00	46.00	500.00	-3003.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18	
	600.00	0.00	46.00	600.00	-2903.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18	
	700.00	0.00	46.00	700.00	-2803.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18	
	800.00	0.00	46.00	800.00	-2703.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18	
	900.00	0.00	46.00	900.00	-2603.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18	
1000.00	0.00	46.00	1000.00	-2503.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
1100.00	0.00	46.00	1100.00	-2403.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
1200.00	0.00	46.00	1200.00	-2303.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
1300.00	0.00	46.00	1300.00	-2203.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
1400.00	0.00	46.00	1400.00	-2103.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
1500.00	0.00	46.00	1500.00	-2003.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
1600.00	0.00	46.00	1600.00	-1903.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
1700.00	0.00	46.00	1700.00	-1803.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
1800.00	0.00	46.00	1800.00	-1703.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
1900.00	0.00	46.00	1900.00	-1603.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
2000.00	0.00	46.00	2000.00	-1503.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
2100.00	0.00	46.00	2100.00	-1403.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
2200.00	0.00	46.00	2200.00	-1303.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
2300.00	0.00	46.00	2300.00	-1203.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
2400.00	0.00	46.00	2400.00	-1103.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
2500.00	0.00	46.00	2500.00	-1003.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
2600.00	0.00	46.00	2600.00	-903.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
2700.00	0.00	46.00	2700.00	-803.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
2800.00	0.00	46.00	2800.00	-703.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
2900.00	0.00	46.00	2900.00	-603.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
3000.00	0.00	46.00	3000.00	-503.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
3100.00	0.00	46.00	3100.00	-403.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
3200.00	0.00	46.00	3200.00	-303.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
3300.00	0.00	46.00	3300.00	-203.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
3400.00	0.00	46.00	3400.00	-103.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
3500.00	0.00	46.00	3500.00	-3.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
3600.00	0.00	46.00	3600.00	97.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
3700.00	0.00	46.00	3700.00	197.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
3800.00	0.00	46.00	3800.00	297.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
3900.00	0.00	46.00	3900.00	397.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
4000.00	0.00	46.00	4000.00	497.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
4100.00	0.00	46.00	4100.00	597.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
4200.00	0.00	46.00	4200.00	697.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
4300.00	0.00	46.00	4300.00	797.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
4400.00	0.00	46.00	4400.00	897.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
4500.00	0.00	46.00	4500.00	997.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
4600.00	0.00	46.00	4600.00	1097.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
4700.00	0.00	46.00	4700.00	1197.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
4800.00	0.00	46.00	4800.00	1297.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
4900.00	0.00	46.00	4900.00	1397.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
5000.00	0.00	46.00	5000.00	1497.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
5100.00	0.00	46.00	5100.00	1597.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
5200.00	0.00	46.00	5200.00	1697.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
5300.00	0.00	46.00	5300.00	1797.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
5400.00	0.00	46.00	5400.00	1897.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
5500.00	0.00	46.00	5500.00	1997.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
5600.00	0.00	46.00	5600.00	2097.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
5700.00	0.00	46.00	5700.00	2197.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
5800.00	0.00	46.00	5800.00	2297.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
5900.00	0.00	46.00	5900.00	2397.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
6000.00	0.00	46.00	6000.00	2497.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
6100.00	0.00	46.00	6100.00	2597.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
6200.00	0.00	46.00	6200.00	2697.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
6300.00	0.00	46.00	6300.00	2797.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
6400.00	0.00	46.00	6400.00	2897.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
6500.00	0.00	46.00	6500.00	2997.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
6600.00	0.00	46.00	6600.00	3097.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
6700.00	0.00	46.00	6700.00	3197.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
6800.00	0.00	46.00	6800.00	3297.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
6900.00	0.00	46.00	6900.00	3397.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 34.18		
7000.00	0.00	46.00	7000.00	3497.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24 W 103 31 3		

Comments	MD (ft)	Incl (°)	Azlm Grid (°)	TVD (ft)	TVDSS (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	8000.00	0.00	46.00	8000.00	4497.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24	W 103 31 34.18
	8100.00	0.00	46.00	8100.00	4597.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24	W 103 31 34.18
	8200.00	0.00	46.00	8200.00	4697.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24	W 103 31 34.18
	8300.00	0.00	46.00	8300.00	4797.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24	W 103 31 34.18
	8400.00	0.00	46.00	8400.00	4897.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24	W 103 31 34.18
	8500.00	0.00	46.00	8500.00	4997.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24	W 103 31 34.18
	8600.00	0.00	46.00	8600.00	5097.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24	W 103 31 34.18
	8700.00	0.00	46.00	8700.00	5197.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24	W 103 31 34.18
	8800.00	0.00	46.00	8800.00	5297.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24	W 103 31 34.18
	8900.00	0.00	46.00	8900.00	5397.00	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24	W 103 31 34.18
KOP/Build 12°/100' DLS to 80°/inc	8995.26	0.00	46.00	8995.26	5492.26	0.00	0.00	0.00	0.00	425517.00	749767.00	N 32 10 2.24	W 103 31 34.18
	9000.00	0.57	46.00	9000.00	5497.00	0.02	0.02	0.02	12.00	425517.02	749767.02	N 32 10 2.24	W 103 31 34.18
	9100.00	12.57	46.00	9099.16	5596.16	8.60	7.95	8.23	12.00	425524.95	749775.23	N 32 10 2.32	W 103 31 34.09
	9200.00	24.57	46.00	9193.78	5690.78	32.49	30.03	31.10	12.00	425547.03	749798.10	N 32 10 2.53	W 103 31 33.92
	9300.00	36.57	46.00	9279.73	5776.73	70.64	65.29	67.61	12.00	425582.29	749834.61	N 32 10 2.68	W 103 31 33.39
	9400.00	48.57	46.00	9353.24	5850.24	121.38	112.20	118.19	12.00	425629.20	749883.18	N 32 10 3.34	W 103 31 32.82
	9500.00	60.57	46.00	9411.11	5908.11	182.50	168.70	174.69	12.00	425685.69	749941.89	N 32 10 3.89	W 103 31 32.14
Turn & Land 12°/100'	9600.00	72.57	46.00	9450.80	5947.80	251.33	232.32	240.57	12.00	425749.31	750007.57	N 32 10 4.52	W 103 31 31.37
	9661.93	80.00	46.00	9465.47	5962.47	296.51	274.08	283.82	12.00	425791.07	750050.81	N 32 10 4.93	W 103 31 30.86
	9700.00	80.83	41.44	9471.81	5968.81	325.68	301.21	308.76	12.00	425818.20	750076.75	N 32 10 5.19	W 103 31 30.55
	9800.00	83.25	29.58	9485.71	5982.71	410.61	381.69	367.14	12.00	425898.68	750134.14	N 32 10 5.99	W 103 31 29.88
	9900.00	85.97	17.83	9495.13	5992.13	504.59	472.68	407.07	12.00	425989.67	750174.06	N 32 10 6.88	W 103 31 29.41
Hold 90.5° Up Dip	10000.00	88.84	6.17	9499.68	5996.68	603.50	570.22	427.79	12.00	426087.21	750194.78	N 32 10 7.85	W 103 31 29.16
	10056.71	90.50	359.57	9500.00	5997.00	660.15	626.83	430.63	12.00	426143.82	750197.62	N 32 10 8.41	W 103 31 29.12
	10100.00	90.50	359.57	9499.62	5996.62	703.26	670.11	430.31	0.00	426167.10	750197.30	N 32 10 8.84	W 103 31 29.12
	10200.00	90.50	359.57	9498.74	5995.74	802.85	770.10	429.55	0.00	426287.09	750196.54	N 32 10 9.83	W 103 31 29.12
	10300.00	90.50	359.57	9497.86	5994.86	902.44	870.10	428.80	0.00	426387.08	750195.79	N 32 10 10.82	W 103 31 29.12
	10400.00	90.50	359.57	9496.98	5993.98	1002.03	970.09	428.05	0.00	426487.07	750195.04	N 32 10 11.80	W 103 31 29.12
	10500.00	90.50	359.57	9496.10	5993.10	1101.62	1070.08	427.30	0.00	426587.06	750194.29	N 32 10 12.79	W 103 31 29.12
	10600.00	90.50	359.57	9495.22	5992.22	1201.22	1170.08	426.54	0.00	426687.05	750193.54	N 32 10 13.78	W 103 31 29.12
	10700.00	90.50	359.57	9494.34	5991.34	1300.81	1270.07	425.79	0.00	426787.04	750192.78	N 32 10 14.77	W 103 31 29.12
	10800.00	90.50	359.57	9493.46	5990.46	1400.40	1370.06	425.04	0.00	426887.03	750192.03	N 32 10 15.76	W 103 31 29.12
	10900.00	90.50	359.57	9492.58	5989.58	1499.99	1470.06	424.29	0.00	426987.03	750191.28	N 32 10 16.75	W 103 31 29.12
	11000.00	90.50	359.57	9491.70	5988.70	1599.59	1570.05	423.54	0.00	427087.02	750190.53	N 32 10 17.74	W 103 31 29.12
	11100.00	90.50	359.57	9490.82	5987.82	1699.18	1670.04	422.78	0.00	427187.01	750189.78	N 32 10 18.73	W 103 31 29.12
	11200.00	90.50	359.57	9489.94	5986.94	1798.77	1770.04	422.03	0.00	427287.00	750189.02	N 32 10 19.72	W 103 31 29.12
	11300.00	90.50	359.57	9489.06	5986.06	1898.36	1870.03	421.28	0.00	427386.99	750188.27	N 32 10 20.71	W 103 31 29.12
	11400.00	90.50	359.57	9488.18	5985.18	1997.95	1970.02	420.53	0.00	427486.98	750187.52	N 32 10 21.70	W 103 31 29.12
	11500.00	90.50	359.57	9487.30	5984.30	2097.55	2070.02	419.78	0.00	427586.97	750186.77	N 32 10 22.69	W 103 31 29.12
	11600.00	90.50	359.57	9486.42	5983.42	2197.14	2170.01	419.02	0.00	427686.96	750186.01	N 32 10 23.68	W 103 31 29.12
	11700.00	90.50	359.57	9485.54	5982.54	2296.73	2270.00	418.27	0.00	427786.96	750185.26	N 32 10 24.67	W 103 31 29.12
	11800.00	90.50	359.57	9484.66	5981.66	2396.32	2370.00	417.52	0.00	427886.95	750184.51	N 32 10 25.66	W 103 31 29.12
	11900.00	90.50	359.57	9483.78	5980.78	2495.91	2469.99	416.77	0.00	427986.94	750183.76	N 32 10 26.65	W 103 31 29.12
	12000.00	90.50	359.57	9482.90	5979.90	2595.51	2569.98	416.02	0.00	428086.93	750183.01	N 32 10 27.64	W 103 31 29.12
	12100.00	90.50	359.57	9482.02	5979.02	2695.10	2669.98	415.26	0.00	428186.92	750182.25	N 32 10 28.63	W 103 31 29.12
	12200.00	90.50	359.57	9481.14	5978.14	2794.69	2769.97	414.51	0.00	428286.91	750181.50	N 32 10 29.62	W 103 31 29.12
	12300.00	90.50	359.57	9480.26	5977.26	2894.28	2869.96	413.76	0.00	428386.90	750180.75	N 32 10 30.61	W 103 31 29.12
	12400.00	90.50	359.57	9479.38	5976.38	2993.87	2969.96	413.01	0.00	428486.89	750180.00	N 32 10 31.60	W 103 31 29.12
	12500.00	90.50	359.57	9478.50	5975.50	3093.47	3069.95	412.26	0.00	428586.88	750179.25	N 32 10 32.58	W 103 31 29.12
	12600.00	90.50	359.57	9477.62	5974.62	3193.06	3169.94	411.50	0.00	428686.88	750178.49	N 32 10 33.57	W 103 31 29.12
	12700.00	90.50	359.57	9476.74	5973.74	3292.65	3269.94	410.75	0.00	428786.87	750177.74	N 32 10 34.56	W 103 31 29.12
	12800.00	90.50	359.57	9475.86	5972.86	3392.24	3369.93	410.00	0.00	428886.86	750176.99	N 32 10 35.55	W 103 31 29.12
	12900.00	90.50	359.57	9474.98	5971.98	3491.83	3469.92	409.25	0.00	428986.85	750176.24	N 32 10 36.54	W 103 31 29.12
	13000.00	90.50	359.57	9474.10	5971.10	3591.43	3569.92	408.49	0.00	429086.84	750175.49	N 32 10 37.53	W 103 31 29.12
	13100.00	90.50	359.57	9473.22	5970.22	3691.02	3669.91	407.74	0.00	429186.83	750174.73	N 32 10 38.52	W 103 31 29.12
	13200.00	90.50	359.57	9472.34	5969.34	3790.61	3769.90	406.99	0.00	429286.82	750173.98	N 32 10 39.51	W 103 31 29.12
	13300.00	90.50	359.57	9471.46	5968.46	3890.20	3869.90	406.24	0.00	429386.81	750173.23	N 32 10 40.50	W 103 31 29.12
	13400.00	90.50	359.57	9470.58	5967.58	3989.80	3969.89	405.49	0.00	429486.80	750172.48	N 32 10 41.49	W 103 31 29.12
	13500.00	90.50	359.57	9469.70	5966.70	4089.39	4069.88	404.73	0.00	429586.80	750171.73	N 32 10 42.48	W 103 31 29.12
	13600.00	90.50	359.57	9468.82	5965.82	4188.98	4169.88	403.98	0.00	429686.79	750170.97	N 32 10 43.47	W 103 31 29.12
	13700.00	90.50	359.57	9467.94	5964.94	4288.57	4269.87	403.23	0.00	429786.78	750170.22	N 32 10 44.46	W 103 31 29.12
	13800.00	90.50	359.57	9467.06	5964.06	4388.16	4369.86	402.48	0.00	429886.77	750169.47	N 32 10 45.45	W 103 31 29.12
	13900.00	90.50	359.57	9466.18	5963.18	4487.76	4468.86	401.73	0.00	429986.76	750168.72	N 32 10 46.44	W 103 31 29.12
	14000.00	90.50	359.57	9465.30	5962.30	4587.35	4568.85	400.97	0.00	430086.75	750167.96	N 32 10 47.43	W 103 31 29.12
	14100.00	90.50	359.57	9464.42	5961.42	4686.94	4669.84	400.22	0.00	430186.74	750167.21	N 32 10 48.42	W 103 31 29.12
EOG Dragon 36 State 10H PBHL	14200.00	90.50	359.57	9463.54	5960.54	4786.53	4769.84	399.47	0.00	430286.73	750166.46	N 32 10 49.41	W 103 31 29.12
	14261.27	90.50	359.57	9463.00	5960.00	4847.55	4831.10	399.01	0.00	430348.73	750166.00	N 32 10 50.01	W 103 31 29.12

Survey Type:	Def Plan						
Survey Error Model:	ISCWSA 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 10H Rev0 mcs 17Oct13
	30.000	14261.271	1/100.000	30.000	30.000	SLB_MWD-STD	Original Borehole / EOG Dragon 36 State 10H Rev0 mcs 17Oct13