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State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Sante Fe, NM 87505

HOBBS OCD

JAN 18 2013

RECEIVED

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-40924	² Pool Code 97900	³ Pool Name Red Hills; Bone Spring Upper Shale
⁴ Property Code 39643	⁵ Property Name DRAGON 36 STATE	⁶ Well Number #2H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3491'

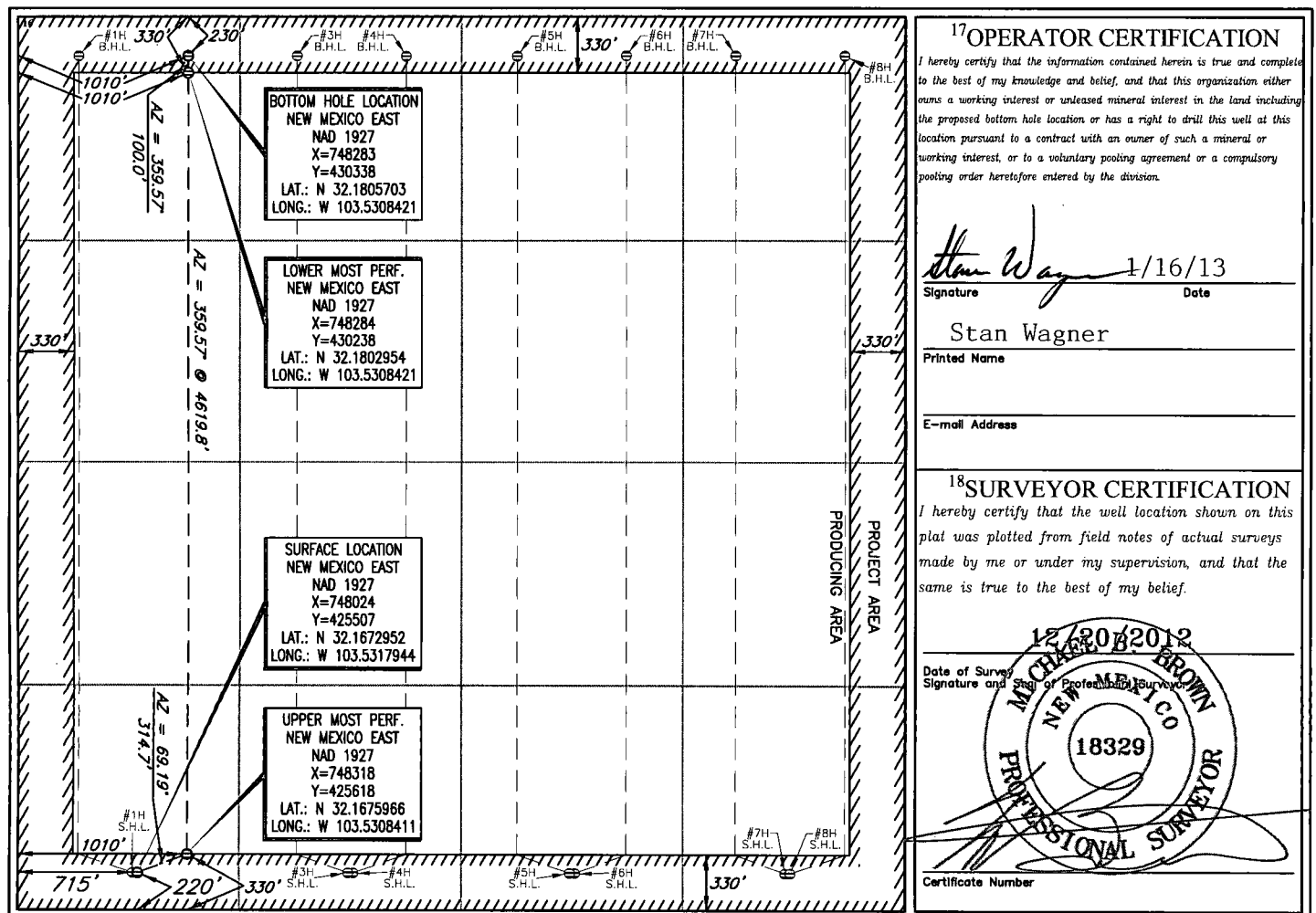
¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	36	24-S	33-E	-	220'	SOUTH	715'	WEST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	36	24-S	33-E	-	230'	NORTH	1010'	WEST	LEA

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
640			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



K2

Permit Information:

Well Name: Dragon 36 State No. 2H

Location:

SL: 220' FSL & 715' FWL, Section 36, T-24-S, R-33-E, Lea Co., N.M.

BHL: 230' FNL & 1010' 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 – 1260'	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'-14,120'	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
1260'	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
14,120'	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 – 1260'	Fresh - Gel	8.6-8.8	28-34	N/c
1260' – 5,100'	Brine	10.0-10.2	28-34	N/c
5,100' – 8,972'	Cut Brine	8.4-9.0	28-34	N/c
KOP – 14,120' Lateral	Cut Brine	9.0-9.5	40-42	8-10

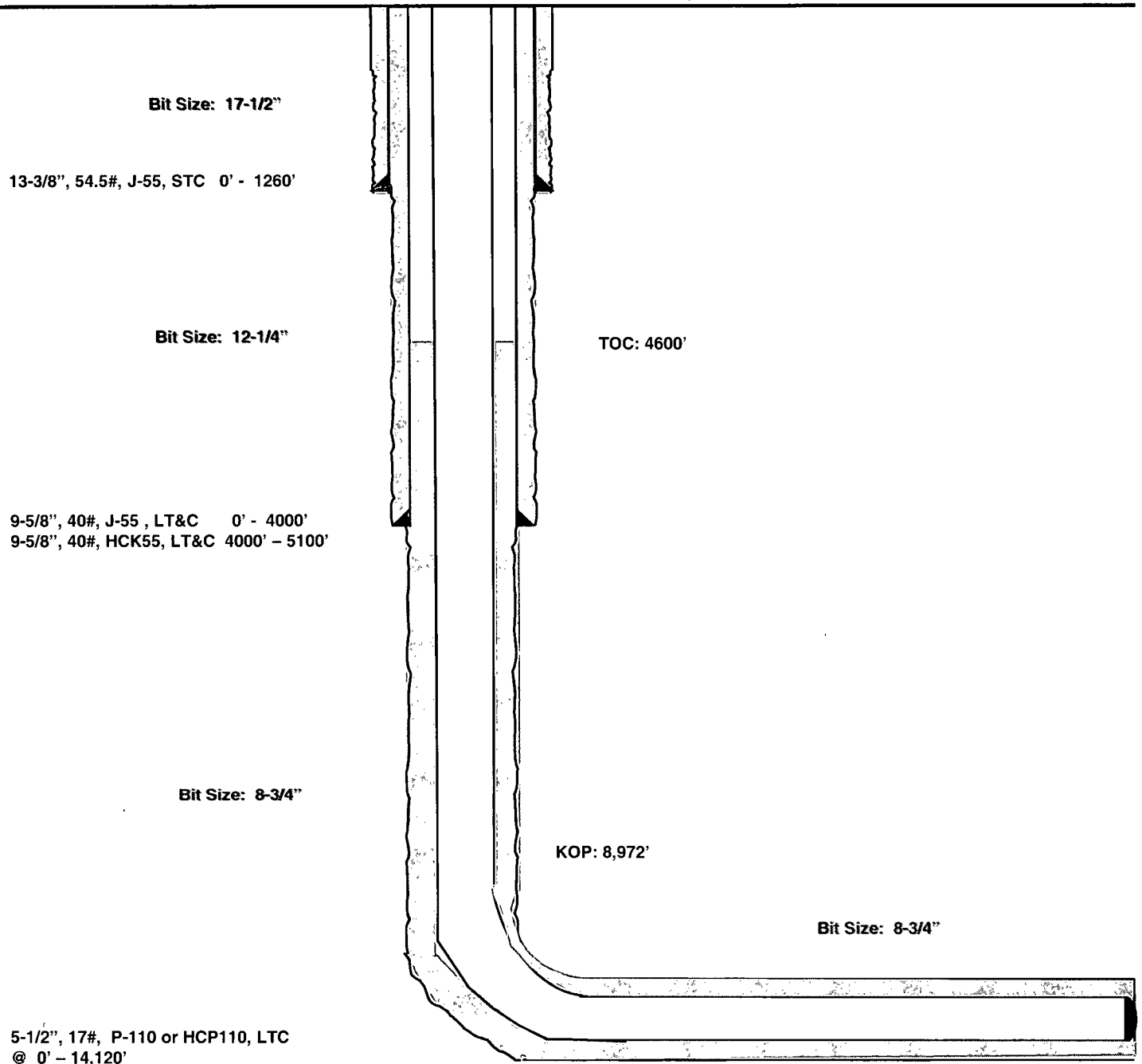
Dragon 36 State #2H
Pitchfork Ranch
Lea County, New Mexico

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

Proposed Wellbore

KB: 3,521'
GL: 3,491'

API: 30-025-40924



Lateral: 14,120' MD, 9,450' TVD

BH Location: 230' FNL & 1010' FWL
Section 36
T-24-S, R-33-E

WELL.



EOG Dragon 36 State #2H REV0 SEB 15-JAN-13 Proposal Geodetic Report



(Def Plan)

Report Date: January 15, 2013 - 11:26 AM
Client: Eog Resources
Field: NM Lea County (NAD 27)
Structure / Slot: EOG Dragon 36 State #2H / EOG Dragon 36 State #2H
Well: EOG Dragon 36 State #2H
Borehole: Original Borehole
UWI / API#: Unknown / Unknown
Survey Name: EOG Dragon 36 State #2H REV0 SEB 15-JAN-13
Survey Date: January 15, 2013
Tort / AHD / DDI / ERD Ratio: 110.846 ° / 4875.533 ft / 5.907 / 0.516
Coordinate Reference System: NAD27 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 10' 2.26743", W 103° 31' 54.46145"
Location Grid N/E Y/X: N 425507.000 ftUS, E 748024.000 ftUS
CRS Grid Convergence Angle: 0.4268 °
Grid Scale Factor: 0.99997955

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 3.069 ° (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: KB
TVD Reference Elevation: 3521.000 ft above
Seabed / Ground Elevation: 3491.000 ft above
Magnetic Declination: 7.471 °
Total Gravity Field Strength: 999.1508 mgn (9.8 based)
Total Magnetic Field Strength: 48410.054 nT
Magnetic Dip Angle: 60.060 °
Declination Date: January 15, 2013
Magnetic Declination Model: BGGM 2012
North Reference: Grid North
Grid Convergence Used: 0.4268 °
Total Corr Mag North->Grid North: 7.0441 °
Local Coord Referenced To: Structure Reference Point

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
Tie-In	0.00	0.00	20.42	0.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	100.00	0.00	20.42	100.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	200.00	0.00	20.42	200.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	300.00	0.00	20.42	300.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	400.00	0.00	20.42	400.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	500.00	0.00	20.42	500.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	600.00	0.00	20.42	600.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	700.00	0.00	20.42	700.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	800.00	0.00	20.42	800.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	900.00	0.00	20.42	900.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	1000.00	0.00	20.42	1000.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	1100.00	0.00	20.42	1100.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	1200.00	0.00	20.42	1200.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	1300.00	0.00	20.42	1300.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	1400.00	0.00	20.42	1400.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	1500.00	0.00	20.42	1500.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	1600.00	0.00	20.42	1600.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	1700.00	0.00	20.42	1700.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	1800.00	0.00	20.42	1800.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	1900.00	0.00	20.42	1900.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	2000.00	0.00	20.42	2000.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	2100.00	0.00	20.42	2100.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	2200.00	0.00	20.42	2200.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	2300.00	0.00	20.42	2300.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	2400.00	0.00	20.42	2400.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	2500.00	0.00	20.42	2500.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	2600.00	0.00	20.42	2600.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	2700.00	0.00	20.42	2700.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	2800.00	0.00	20.42	2800.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	2900.00	0.00	20.42	2900.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	3000.00	0.00	20.42	3000.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	3100.00	0.00	20.42	3100.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	3200.00	0.00	20.42	3200.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	3300.00	0.00	20.42	3300.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	3400.00	0.00	20.42	3400.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	3500.00	0.00	20.42	3500.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	3600.00	0.00	20.42	3600.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	3700.00	0.00	20.42	3700.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	3800.00	0.00	20.42	3800.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	3900.00	0.00	20.42	3900.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	4000.00	0.00	20.42	4000.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	4100.00	0.00	20.42	4100.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	4200.00	0.00	20.42	4200.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	4300.00	0.00	20.42	4300.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	4400.00	0.00	20.42	4400.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	4500.00	0.00	20.42	4500.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	4600.00	0.00	20.42	4600.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	4700.00	0.00	20.42	4700.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	4800.00	0.00	20.42	4800.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	4900.00	0.00	20.42	4900.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	5000.00	0.00	20.42	5000.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	5100.00	0.00	20.42	5100.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	5200.00	0.00	20.42	5200.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	5300.00	0.00	20.42	5300.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	5400.00	0.00	20.42	5400.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	5500.00	0.00	20.42	5500.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	5600.00	0.00	20.42	5600.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	5700.00	0.00	20.42	5700.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	5800.00	0.00	20.42	5800.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	5900.00	0.00	20.42	5900.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	6000.00	0.00	20.42	6000.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	6100.00	0.00	20.42	6100.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	6200.00	0.00	20.42	6200.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	6300.00	0.00	20.42	6300.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	6400.00	0.00	20.42	6400.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	6500.00	0.00	20.42	6500.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	6600.00	0.00	20.42	6600.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	6700.00	0.00	20.42	6700.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	6800.00	0.00	20.42	6800.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	6900.00	0.00	20.42	6900.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	7000.00	0.00	20.42	7000.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	7100.00	0.00	20.42	7100.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	7200.00	0.00	20.42	7200.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	7300.00	0.00	20.42	7300.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	7400.00	0.00	20.42	7400.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	7500.00	0.00	20.42	7500.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	7600.00	0.00	20.42	7600.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	7700.00	0.00	20.42	7700.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	7800.00	0.00	20.42	7800.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	7900.00	0.00	20.42	7900.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	8000.00	0.00	20.42	8000.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	8100.00	0.00	20.42	8100.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	8200.00	0.00	20.42	8200.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	8300.00	0.00	20.42	8300.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	8400.00	0.00	20.42	8400.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	8500.00	0.00	20.42	8500.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	8600.00	0.00	20.42	8600.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	8700.00	0.00	20.42	8700.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	8800.00	0.00	20.42	8800.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	8900.00	0.00	20.42	8900.00	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	8972.53	0.00	20.42	8972.53	0.00	0.00	0.00	0.00	425507.00	748024.00	N 32 10 2.27	W 103 31 54.46
	9000.00	3.30	20.42	8999.98	0.75	0.74	0.28	12.00	425507.74	748024.28	N 32 10 2.27	W 103 31 54.46
	9100.00	15.30	20.42	9098.49	16.14	15.85	5.90	12.00	425522.85	748029.90	N 32 10 2.42	W 103 31 54.39
	9200.00	27.30	20.42	9191.49	50.75	49.83	18.55	12.00	425556.83	748042.55	N 32 10 2.76	W 103 31 54.24
	9300.00	39.30	20.42	9274.92	103.05	101.18	37.67	12.00	425608.18	748061.67	N 32 10 3.27	W 103 31 54.01
	9400.00	51.30	20.42	9345.14	170.77	167.67	62.42	12.00	425674.66	748086.42	N 32 10 3.92	W 103 31 53.72
	9500.00	63.30	20.42	9399.07	250.94	246.38	91.73	12.00	425753.38	748115.72	N 32 10 4.70	W 103 31 53.37
	9600.00	75.30	20.42	9434.36	340.06	333.89	124.30	12.00	425840.88	748148.30	N 32 10 5.56	W 103 31 52.99
	9700.00	87.30	20.42	9449.46	434.24	426.35	158.73	12.00	425933.35	748182.73	N 32 10 6.47	W 103 31 52.58
	9722.53	90.00	20.42	9449.99	455.74	447.46	166.59	12.00	425954.45	748190.58	N 32 10 6.68	W 103 31 52.48
	9800.00	90.00	18.10	9449.99	530.13	520.59	192.14	3.00	426027.58	748216.13	N 32 10 7.40	W 103 31 52.18
	9900.00	90.00	15.10	9449.99	627.35	616.41	220.70	3.00	426123.40	748244.69	N 32 10 8.35	W 103 31 51.84
	10000.00	90.00	12.10	9449.99	725.65	713.60	244.20	3.00	426220.59	748268.19	N 32 10 9.31	W 103 31 51.56
	10100.00	90.00	9.10	9449.99	824.78	811.88	262.59	3.00	426318.87	748286.58	N 32 10 10.28	W 103 31 51.34
	10200.00	90.00	6.10	9450.00	924.45	911.00	275.80	3.00	426417.98	748299.80	N 32 10 11.26	W 103 31 51.17
	10300.00	90.00	3.10	9450.00	1024.41	1010.66	283.81	3.00	426517.64	748307.81	N 32 10 12.25	W 103 31 51.07
	10400.00	90.00	0.10	9450.00	1124.36	1110.61	286.60	3.00	426617.57	748310.59	N 32 10 13.24	W 103 31 51.03
	10417.40	90.00	359.57	9450.00	1141.74	1128.01	286.55	3.00	426634.99	748310.54	N 32 10 13.41	W 103 31 51.03
	10500.00	90.00	359.57	9450.00	1224.18	1210.61	285.93	0.00	426717.58	748309.93	N 32 10 14.23	W 103 31 51.03
	10600.00	90.00	359.57	9450.00	1324.00	1310.61	285.19	0.00	426817.58	748309.18	N 32 10 15.22	W 103 31 51.03
	10700.00	90.00	359.57	9450.00	1423.81	1410.60	284.45	0.00	426917.57	748308.44	N 32 10 16.20	W 103 31 51.03
	10800.00	90.00	359.57	9450.00	1523.62	1510.60	283.70	0.00	427017.57	748307.70	N 32 10 17.19	W 103 31 51.03
	10900.00	90.00	359.57	9450.00	1623.44	1610.60	282.96	0.00	427117.56	748306.95	N 32 10 18.18	W 103 31 51.03
	11000.00	90.00	359.57	9450.00	1723.25	1710.60	282.22	0.00	427217.56	748306.21	N 32 10 19.17	W 103 31 51.03
	11100.00	90.00	359.57	9450.00	1823.07	1810.59	281.47	0.00	427317.55	748305.47	N 32 10 20.16	W 103 31 51.03
	11200.00	90.00	359.57	9450.00	1922.88	1910.59	280.73	0.00	427417.55	748304.72	N 32 10 21.15	W 103 31 51.03
	11300.00	90.00	359.57	9450.00	2022.69	2010.59	279.98	0.00	427517.54	748303.98	N 32 10 22.14	W 103 31 51.03
	11400.00	90.00	359.57	9450.00	2122.51	2110.59	279.24	0.00	427617.54	748303.23	N 32 10 23.13	W 103 31 51.03
	11500.00	90.00	359.57	9450.00	2222.32	2210.58	278.50	0.00	427717.53	748302.49	N 32 10 24.12	W 103 31 51.03
	11600.00	90.00	359.57	9450.00	2322.14	2310.58	277.75	0.00	427817.53	748301.75	N 32 10 25.11	W 103 31 51.03
	11700.00	90.00	359.57	9450.00	2421.95	2410.58	277.01	0.00	427917.52	748301.00	N 32 10 26.10	W 103 31 51.03
	11800.00	90.00	359.57	9450.00	2521.76	2510.57	276.27	0.00	428017.52	748300.26	N 32 10 27.09	W 103 31 51.03
	11900.00	90.00	359.57	9450.00	2621.58	2610.57	275.52	0.00	428117.51	748299.52	N 32 10 28.08	W 103 31 51.03
	12000.00	90.00	359.57	9450.00	2721.39	2710.57	274.78	0.00	428217.51	748298.77	N 32 10 29.07	W 103 31 51.03
	12100.00	90.00	359.57	9450.00	2821.21	2810.57	274.03	0.00	428317.50	748298.03	N 32 10 30.06	W 103 31 51.03
	12200.00	90.00	359.57	9450.00	2921.02	2910.56	273.29	0.00	428417.49	748297.28	N 32 10 31.05	W 103 31 51.03
	12300.00	90.00	359.57	9450.00	3020.83	3010.56	272.55	0.00	428517.49	748296.54	N 32 10 32.04	W 103 31 51.03
	12400.00	90.00	359.57	9450.00	3120.65	3110.56	271.80	0.00	428617.49	748295.80	N 32 10 33.03	W 103 31 51.03
	12500.00	90.00	359.57	9450.00	3220.46	3210.56	271.06	0.00	428717.48	748295.05	N 32 10 34.02	W 103 31 51.03
	12600.00	90.00	359.57	9450.00	3320.28	3310.55	270.32	0.00	428817.48	748294.31	N 32 10 35.01	W 103 31 51.03
	12700.00	90.00	359.57	9450.00	3420.09	3410.55	269.57	0.00	428917.47	748293.57	N 32 10 36.00	W 103 31 51.03
	12800.00	90.00	359.57	9450.00	3519.90	3510.55	268.83	0.00	429017.47	748292.82	N 32 10 36.99	W 103 31 51.03
	12900.00	90.00	359.57	9450.00	3619.72	3610.54	268.08	0.00	429117.46	748292.08	N 32 10 37.97	W 103 31 51.03
	13000.00	90.00	359.57	9450.00	3719.53	3710.54	267.34	0.00	429217.46	748291.33	N 32 10 38.96	W 103 31 51.03
	13100.00	90.00	359.57	9450.00	3819.35	3810.54	266.60	0.00	429317.45	748290.59	N 32 10 39.95	W 103 31 51.03
	13200.00	90.00	359.57	9450.00	3919.16	3910.54	265.85	0.00	429417.45	748289.85	N 32 10 40.94	W 103 31 51.03
	13300.00	90.00	359.57	9450.00	4018.97	4010.53	265.11	0.00	429517.44	748289.10	N 32 10 41.93	W 103 31 51.03
	13400.00	90.00	359.57	9450.00	4118.79	4110.53	264.37	0.00	429617.44			

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	14100.00	90.00	359.57	9450.00	4817.49	4810.51	259.16	0.00	430317.40	748283.15	N 32 10 49.85 W	103 31 51.03
EOG Dragon 36 State #2H PBHL	14120.60	90.00	359.57	9450.00	4838.05	4831.11	259.01	0.00	430338.00	748283.00	N 32 10 50.05 W	103 31 51.03

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	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 #2H REV0 SEB 15-JAN-
	30.000	14120.598	1/100.000	30.000	30.000	SLB_MWD-STD	Original Borehole / EOG Dragon 36 State #2H REV0 SEB 15-JAN-

EOG RESOURCES, INC.
DRAGON 36 STATE #2H

Hydrogen Sulfide Plan Summary

- A. All personnel shall receive proper H₂S training in accordance with Onshore Order III.C.3.a.
- B. Briefing Area: two perpendicular areas will be designated by signs and readily accessible.
- C. Required Emergency Equipment:

- Well control equipment
 - a. Flare line 150' from wellhead to be ignited by flare gun.
 - b. Choke manifold with a remotely operated choke.
 - c. Mud/gas separator

- Protective equipment for essential personnel.

Breathing apparatus:

- a. Rescue Packs (SCBA) — 1 unit shall be placed at each breathing area, 2 shall be stored in the safety trailer.
- b. Work/Escapes packs — 4 packs shall be stored on the rig floor with sufficient air hose not to restrict work activity.
- c. Emergency Escape Packs — 4 packs shall be stored in the doghouse for emergency evacuation.

Auxiliary Rescue Equipment:

- a. Stretcher
- b. Two OSHA full body harness
- c. 100 ft 5/8 inch OSHA approved rope
- d. 1-20# class ABC fire extinguisher

- H₂S detection and monitoring equipment:

The stationary detector with three sensors will be placed in the upper dog house if equipped, set to visually alarm @ 10 ppm and audible @ 14 ppm. Calibrate a minimum of every 30 days or as needed. The sensors will be placed in the following places: Rig floor / Bell nipple / End of flow line or where well bore fluid is being discharged.

(Gas sample tubes will be stored in the safety trailer)

- Visual warning systems.
 - a. One color code condition sign will be placed at the entrance to the site reflecting the possible conditions at the site.
 - b. A colored condition flag will be on display, reflecting the current condition at the site at the time.
 - c. Two wind socks will be placed in strategic locations, visible from all angles.

EOG RESOURCES, INC.
DRAGON 36 STATE #2H

■ **Mud program:**

The mud program has been designed to minimize the volume of H₂S circulated to surface. The operator will have the necessary mud products to minimize hazards while drilling in H₂S bearing zones.

■ **Metallurgy:**

- a. All drill strings, casings, tubing, wellhead, blowout preventer, drilling spool, kill lines, choke manifold and lines, and valves shall be suitable for H₂S service.
- b. All elastomers used for packing and seals shall be H₂S trim.

■ **Communication:**

Communication will be via cell phones and land lines where available.

**EOG RESOURCES, INC.
DRAGON 36 STATE #2H**

Emergency Assistance Telephone List

PUBLIC SAFETY: **911 or**

Lea County Sheriff's Department	(575) 396-3611
Rod Coffman	
Fire Department:	
Carlsbad	(575) 885-3125
Artesia	(575) 746-5050
Hospitals:	
Carlsbad	(575) 887-4121
Artesia	(575) 748-3333
Hobbs	(575) 392-1979
Dept. of Public Safety/Carlsbad	(575) 748-9718
Highway Department	(575) 885-3281
New Mexico Oil Conservation	(575) 476-3440
U.S. Dept. of Labor	(575) 887-1174

EOG Resources, Inc.

EOG / Midland	Office (432) 686-3600
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Company Drilling Consultants:

Danny Kiser Will Henderson	Cell (432) 894-3417
Larry King	

Drilling Engineer

Steve Munsell	Office (432) 686-3609
	Cell (432) 894-1256

Operations Manager

Travis Lain	Office (432) 686-3740
	Cell (432) 254-3521

Drilling Superintendents

Ron Welch	Office (432) 686-3695
	Cell (432) 386-0592
Barney Thompson	Office (432) 686-3678
	Cell (432) 254-9056

Cactus Drilling

Cactus Drilling	Office (580) 799-2752
Cactus 123 Drilling Rig	Rig (432) 894-3417

Tool Pusher:

Jack Herndon	Cell (405) 519-6552
Larry Slife	Cell (405) 250-6368

Safety

James Fischer (HSE Manager)	Office (432) 686-3747
	Cell (817) 253-3725
Brian Chandler	Cell (806) 777-8814
Terry Maxwell (Consultant)	Cell (432) 349-6926