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District IV
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Phone: (505) 476-3460 Fax: (505) 476-3462

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

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 30-025-40959	² Pool Code 97900	³ Pool Name Red Hills; Bone Spring Upper Shale
⁴ Property Code 39673	⁵ Property Name CONDOR 32 STATE	⁶ Well Number #2H
⁷ GRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3323'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	32	25-S	34-E	-	160'	NORTH	310'	WEST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	32	25-S	34-E	-	230'	SOUTH	1010'	WEST	LEA

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

Diagram showing well location and acreage dedication plat. The plat is divided into sections with bearings and distances. Key locations are marked with coordinates and bearings. The diagram includes a grid with sections 32, 25-S, 34-E, and 330'.	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <i>Stan Wagner</i> Date: 1/30/13 Printed Name: Stan Wagner E-mail Address: 18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief. Date of Survey: 1/18/2013 Signature and Seal of Professional Surveyor: <i>Michael Brown</i> Certificate Number: 18329
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K2 FEB 05 2013

Permit Information:

Well Name: Condor 32 State No. 2H

Location:

SL: 160' FNL & 310' FWL, Section 32, T-25-S, R-34-E, Lea Co., N.M.

BHL: 230' FSL & 1010' FWL, Section 32, T-25-S, R-34-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 – 960'	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' – 5150'	9.625"	40#	HCK-55	LTC	1.125	1.25	1.60
8.75"	0'-14,733'	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
960'	300	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)
	300	14.8	1.34	Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate
5,150'	825	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
14,733'	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 – 960'	Fresh - Gel	8.6-8.8	28-34	N/c
960' – 5,150'	Brine	10.0-10.2	28-34	N/c
5,150' – 9,109'	Cut Brine	8.4-9.0	28-34	N/c
KOP – 14,733' Lateral	Cut Brine	9.0-9.5	40-42	N/c

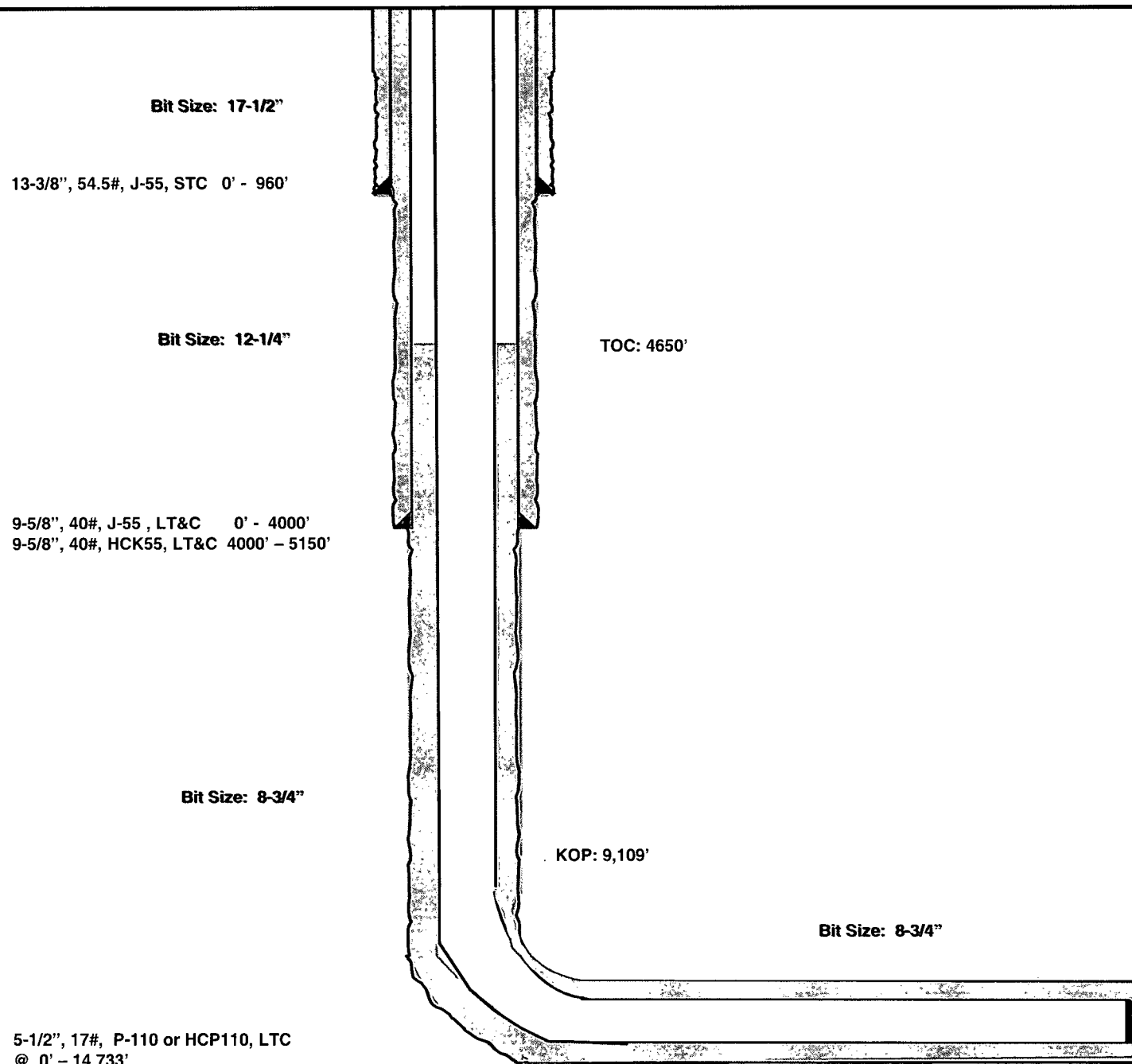
Condor 32 State #2H
Pitchfork Ranch
Lea County, New Mexico

160' FNL
310' FWL
Section 32
T-25-S, R-34-E

Proposed Wellbore

API: 30-025-

KB: 3,353'
GL: 3,323'



Lateral: 14,733' MD, 9,785' TVD

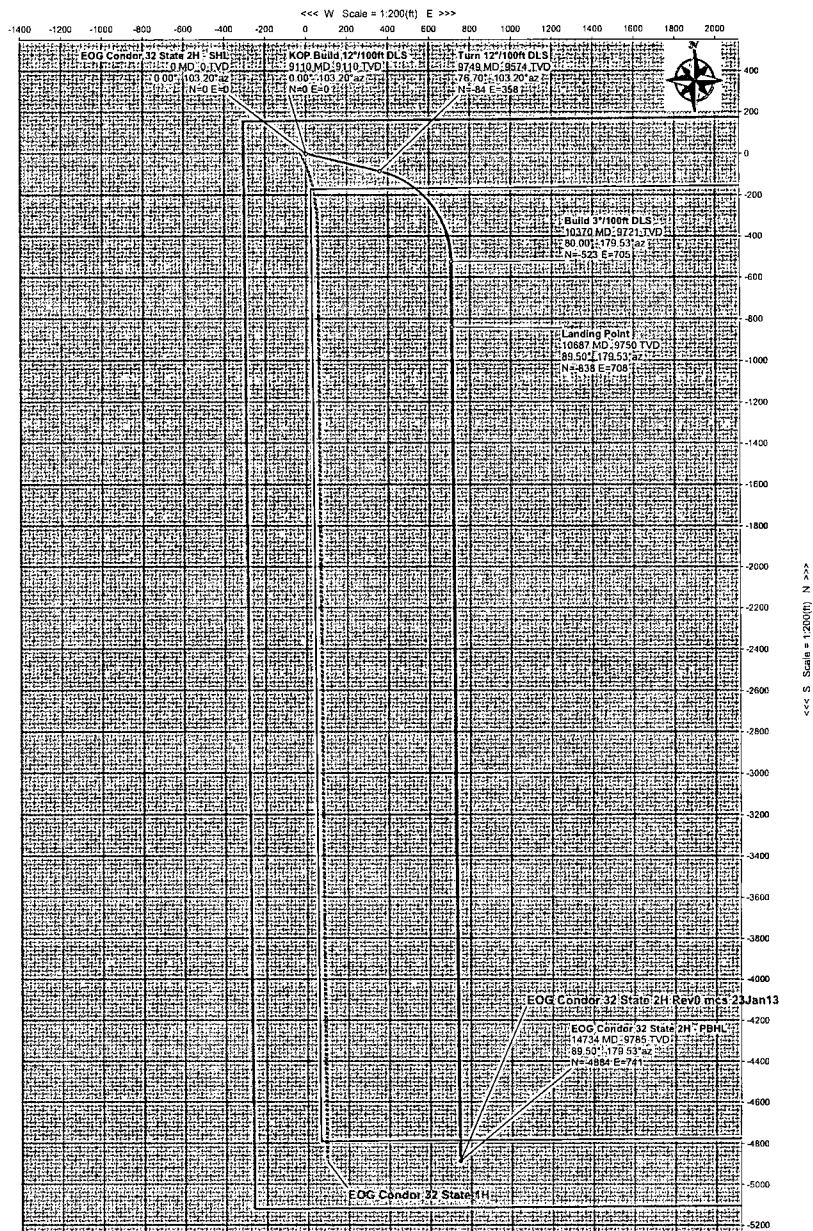
BH Location: 230' FSL & 1010' FWL
Section 32
T-25-S, R-34-E

WELL	CONDOR 32 STATE 2H	FIELD	Lea County, NM (NAD 27)	STRUCTURE	Cactus 123
Magnetic Parameters	Model: BGCM 2012	Dip: 99.996°	Date: January 23, 2013	Surface Location	NAD27 New Mexico State Plane, Eastern Zone, US Feet
	Mag Dec: 7.447°			Lat: N 32 53.3730	Northings: 398402.80 (DLS)
				Long: W 103 29 56.442	Eastings: 758376.00 (DLS)
					Grid Conv: 0.443°
					Scale Factor: 0.99999555
				Miscellaneous	Notes: Condor 32 State 2H
					Rev 0 mcs 23Jan13
				TVD Ref:	RKB33338 (above)
				Srv Date:	January 23, 2013

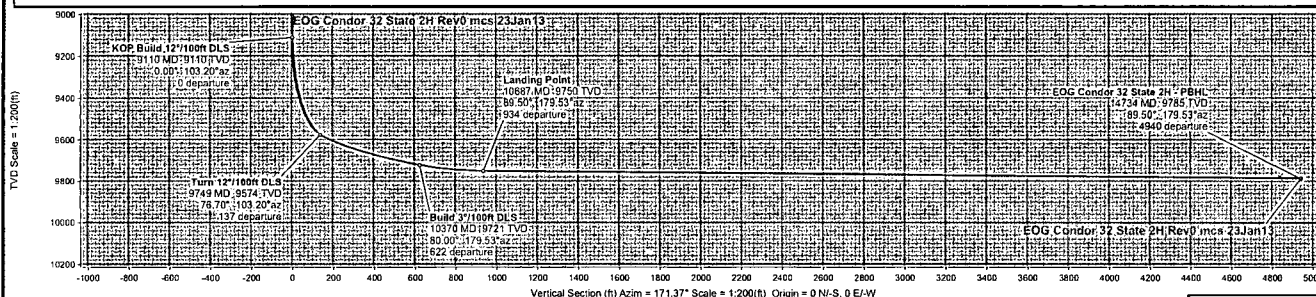
Legend

EOG Condor 32 State 2H - Upliner
EOG Condor 32 State 2H - Lateral
EOG Condor 32 State 2H - PHL
EOG Condor 32 State 2H - 130' from Line
EOG Condor 32 State 2H - 100' PHL
EOG Condor 32 State 2H - 100' from PHL
EOG Condor 32 State 2H - 100' from PHL

Grid North
Tot Corr (M→G 7.0039°)
Mag Dec (7.447°)
Grid Conv (0.443°)



Comments	Survey	MD	Inc	Azim	TVD	SSTVD	VS	NS	EW	Longitude	Latitude	Eastings	Northings	DLS	Tool Face
SHL	0.00	0.00	103.20	0.00	-3353.00	0.00	0.00	0.00	0.00	W 103 29 56.442 N	32 5 37.230	758376.00	398802.00	0.00	103.20
KOP Build 12°/100ft DLS	9109.70	0.00	103.20	9109.70	5756.70	0.00	0.00	0.00	0.00	W 103 29 56.442 N	32 5 37.230	758376.00	398802.00	0.00	103.20
Turn 12°/100ft DLS	9748.87	76.70	103.20	9574.36	6221.36	136.69	-83.95	357.91	W 103 29 52.289 N	32 5 36.372	758733.91	398718.05	12.00	96.88	
Build 3°/100ft DLS	10370.09	80.00	179.53	9721.06	6368.06	622.41	-522.55	705.14	W 103 29 48.293 N	32 5 32.005	759081.13	398279.46	12.00	0.00	
Landing Point	10686.76	89.50	179.53	9750.00	6397.00	934.20	-837.52	707.72	W 103 29 48.291 N	32 5 28.888	759083.71	397964.50	3.00	-56.01	
PBHL	14733.61	89.50	179.53	9785.25	6432.25	4939.97	-4884.08	741.01	W 103 29 48.269 N	32 4 48.843	759117.00	393918.00	0.00		



Drawn By: Matthew Sheffer
Date Created: January 23, 2013 01:28:31 PM
Checked By:
Checked Date:
Approved By:
Approved Date:



EOG Condor 32 State 2H Rev0 mcs 23Jan13 Proposal Geodetic Report

(Non-Def Plan)



Report Date: January 28, 2013 - 01:23 PM
Client: Eog Resources
Field: NM Lea County (NAD 27)
Structure / Slot: EOG Condor 32 State 2H / EOG Condor 32 State 2H
Well: EOG Condor 32 State 2H
Borehole: Original Borehole
UWI / API#: Unknown / Unknown
Survey Name: EOG Condor 32 State 2H Rev0 mcs 23Jan13
Survey Date: January 23, 2013
Tort / AHD / DDI / ERD Ratio: 160.750 ° / 5332.783 ft / 6.111 / 0.545
Coordinate Reference System: NAD27 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 5' 37.22977", W 103° 29' 56.44200"
Location Grid N/E Y/X: N 398802.000 ftUS, E 758376.000 ftUS
CRS Grid Convergence Angle: 0.4433 °
Grid Scale Factor: 0.99998555

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 171.373 ° (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB
TVD Reference Elevation: 3353.000 ft above
Seabed / Ground Elevation: 3323.000 ft above
Magnetic Declination: 74.47 °
Total Gravity Field Strength: 998.4833mgn (9.80665 Based)
Total Magnetic Field Strength: 48367.537 nT
Magnetic Dip Angle: 59.996 °
Declination Date: January 23, 2013
Magnetic Declination Model: BGGM 2012
North Reference: Grid North
Grid Convergence Used: 0.4433 °
Total Corr Mag North->Grid North: 7.0039 °
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 ° ' ")
EOG Condor 32 State 2H - SHL	0.00	0.00	103.20	0.00	0.00	0.00	0.00	N/A	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	100.00	0.00	103.20	100.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	200.00	0.00	103.20	200.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	300.00	0.00	103.20	300.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	400.00	0.00	103.20	400.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	500.00	0.00	103.20	500.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	600.00	0.00	103.20	600.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	700.00	0.00	103.20	700.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	800.00	0.00	103.20	800.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	900.00	0.00	103.20	900.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	1000.00	0.00	103.20	1000.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	1100.00	0.00	103.20	1100.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	1200.00	0.00	103.20	1200.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	1300.00	0.00	103.20	1300.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	1400.00	0.00	103.20	1400.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	1500.00	0.00	103.20	1500.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	1600.00	0.00	103.20	1600.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	1700.00	0.00	103.20	1700.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	1800.00	0.00	103.20	1800.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	1900.00	0.00	103.20	1900.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	2000.00	0.00	103.20	2000.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	2100.00	0.00	103.20	2100.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	2200.00	0.00	103.20	2200.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	2300.00	0.00	103.20	2300.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	2400.00	0.00	103.20	2400.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	2500.00	0.00	103.20	2500.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	2600.00	0.00	103.20	2600.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	2700.00	0.00	103.20	2700.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	2800.00	0.00	103.20	2800.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	2900.00	0.00	103.20	2900.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	3000.00	0.00	103.20	3000.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	3100.00	0.00	103.20	3100.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	3200.00	0.00	103.20	3200.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	3300.00	0.00	103.20	3300.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	3400.00	0.00	103.20	3400.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	3500.00	0.00	103.20	3500.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	3600.00	0.00	103.20	3600.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	3700.00	0.00	103.20	3700.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	3800.00	0.00	103.20	3800.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	3900.00	0.00	103.20	3900.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	4000.00	0.00	103.20	4000.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	4100.00	0.00	103.20	4100.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	4200.00	0.00	103.20	4200.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	4300.00	0.00	103.20	4300.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	4400.00	0.00	103.20	4400.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	4500.00	0.00	103.20	4500.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	4600.00	0.00	103.20	4600.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	4700.00	0.00	103.20	4700.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	4800.00	0.00	103.20	4800.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	4900.00	0.00	103.20	4900.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	5000.00	0.00	103.20	5000.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	5100.00	0.00	103.20	5100.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	5200.00	0.00	103.20	5200.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	5300.00	0.00	103.20	5300.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	5400.00	0.00	103.20	5400.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	5500.00	0.00	103.20	5500.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	5600.00	0.00	103.20	5600.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	5700.00	0.00	103.20	5700.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	5800.00	0.00	103.20	5800.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	5900.00	0.00	103.20	5900.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44

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 ° ' ")
	6000.00	0.00	103.20	6000.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	6100.00	0.00	103.20	6100.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	6200.00	0.00	103.20	6200.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	6300.00	0.00	103.20	6300.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	6400.00	0.00	103.20	6400.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	6500.00	0.00	103.20	6500.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	6600.00	0.00	103.20	6600.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	6700.00	0.00	103.20	6700.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	6800.00	0.00	103.20	6800.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	6900.00	0.00	103.20	6900.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	7000.00	0.00	103.20	7000.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	7100.00	0.00	103.20	7100.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	7200.00	0.00	103.20	7200.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	7300.00	0.00	103.20	7300.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	7400.00	0.00	103.20	7400.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	7500.00	0.00	103.20	7500.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	7600.00	0.00	103.20	7600.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	7700.00	0.00	103.20	7700.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	7800.00	0.00	103.20	7800.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	7900.00	0.00	103.20	7900.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	8000.00	0.00	103.20	8000.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	8100.00	0.00	103.20	8100.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	8200.00	0.00	103.20	8200.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	8300.00	0.00	103.20	8300.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	8400.00	0.00	103.20	8400.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	8500.00	0.00	103.20	8500.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	8600.00	0.00	103.20	8600.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	8700.00	0.00	103.20	8700.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	8800.00	0.00	103.20	8800.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	8900.00	0.00	103.20	8900.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	9000.00	0.00	103.20	9000.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	9100.00	0.00	103.20	9100.00	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	9109.70	0.00	103.20	9109.70	0.00	0.00	0.00	0.00	398802.00	758376.00	N 32 5 37.23	W 103 29 56.44
	9200.00	10.84	103.20	9199.46	3.17	-1.94	8.29	12.00	398800.06	758384.29	N 32 5 37.21	W 103 29 56.35
	9300.00	22.84	103.20	9295.00	13.91	-8.55	36.44	12.00	398793.45	758412.43	N 32 5 37.14	W 103 29 56.02
	9400.00	34.84	103.20	9382.44	31.81	-19.54	83.31	12.00	398782.46	758459.30	N 32 5 37.03	W 103 29 55.48
	9500.00	46.84	103.20	9457.96	56.08	-34.44	146.85	12.00	398767.56	758522.85	N 32 5 36.88	W 103 29 54.74
	9600.00	58.84	103.20	9518.26	85.66	-52.61	224.29	12.00	398749.39	758600.29	N 32 5 36.69	W 103 29 53.84
	9700.00	70.84	103.20	9560.71	119.25	-73.24	312.25	12.00	398728.76	758688.25	N 32 5 36.48	W 103 29 52.82
	9748.87	76.70	103.20	9574.36	136.69	-83.95	357.91	12.00	398718.05	758733.91	N 32 5 36.37	W 103 29 52.29
	9800.00	76.04	109.48	9586.42	157.64	-97.92	405.57	12.00	398704.09	758781.57	N 32 5 36.23	W 103 29 51.74
	9900.00	75.23	121.84	9611.31	212.08	-139.75	492.71	12.00	398662.25	758866.70	N 32 5 35.81	W 103 29 50.73
	10000.00	75.08	134.25	9637.03	282.24	-199.19	568.67	12.00	398602.81	758944.66	N 32 5 35.22	W 103 29 49.85
	10100.00	75.59	146.65	9662.43	365.05	-273.63	630.13	12.00	398528.38	759006.11	N 32 5 34.47	W 103 29 49.14
	10200.00	76.75	158.95	9686.42	456.91	-359.82	674.39	12.00	398442.19	759050.38	N 32 5 33.62	W 103 29 48.64
	10300.00	78.48	171.11	9707.95	553.78	-453.99	699.54	12.00	398348.02	759075.53	N 32 5 32.68	W 103 29 48.35
	10370.09	80.00	179.53	9721.06	622.41	-522.55	705.14	12.00	398279.46	759081.13	N 32 5 32.00	W 103 29 48.29
	10400.00	80.90	179.53	9726.02	651.61	-552.04	705.38	3.00	398249.97	759081.37	N 32 5 31.71	W 103 29 48.29
	10500.00	83.90	179.53	9739.25	749.71	-651.15	706.19	3.00	398150.86	759082.18	N 32 5 30.73	W 103 29 48.29
	10600.00	86.90	179.53	9747.27	848.37	-750.81	707.01	3.00	398051.20	759083.00	N 32 5 29.75	W 103 29 48.29
	10686.76	89.50	179.53	9750.00	934.20	-837.52	707.72	3.00	397964.50	759083.71	N 32 5 28.89	W 103 29 48.29
	10700.00	89.50	179.53	9750.11	947.31	-850.76	707.83	0.00	397951.26	759083.82	N 32 5 28.76	W 103 29 48.29
	10800.00	89.50	179.53	9750.99	1046.29	-950.75	708.65	0.00	397851.27	759084.64	N 32 5 27.77	W 103 29 48.29
	10900.00	89.50	179.53	9751.86	1145.28	-1050.74	709.47	0.00	397751.27	759085.46	N 32 5 26.78	W 103 29 48.29
	11000.00	89.50	179.53	9752.73	1244.26	-1150.74	710.29	0.00	397651.28	759086.28	N 32 5 25.79	W 103 29 48.29
	11100.00	89.50	179.53	9753.60	1343.25	-1250.73	711.11	0.00	397551.29	759087.10	N 32 5 24.80	W 103 29 48.29
	11200.00	89.50	179.53	9754.48	1442.23	-1350.72	711.94	0.00	397451.30	759087.92	N 32 5 23.81	W 103 29 48.29
	11300.00	89.50	179.53	9755.35	1541.22	-1450.71	712.76	0.00	397351.31	759088.74	N 32 5 22.82	W 103 29 48.29
	11400.00	89.50	179.53	9756.22	1640.20	-1550.71	713.58	0.00	397251.32	759089.57	N 32 5 21.83	W 103 29 48.29
	11500.00	89.50	179.53	9757.09	1739.18	-1650.70	714.40	0.00	397151.33	759090.39	N 32 5 20.84	W 103 29 48.29
	11600.00	89.50	179.53	9757.96	1838.17	-1750.69	715.22	0.00	397051.34	759091.21	N 32 5 19.85	W 103 29 48.29
	11700.00	89.50	179.53	9758.84	1937.15	-1850.68	716.04	0.00	396951.35	759092.03	N 32 5 18.86	W 103 29 48.29
	11800.00	89.50	179.53	9759.71	2036.14	-1950.68	716.86	0.00	396851.35	759092.85	N 32 5 17.87	W 103 29 48.29
	11900.00	89.50	179.53	9760.58	2135.12	-2050.67	717.68	0.00	396751.36	759093.67	N 32 5 16.88	W 103 29 48.28
	12000.00	89.50	179.53	9761.45	2234.11	-2150.66	718.51	0.00	396651.37	759094.49	N 32 5 15.89	W 103 29 48.28
	12100.00	89.50	179.53	9762.32	2333.09	-2250.66	719.33	0.00	396551.38	759095.32	N 32 5 14.90	W 103 29 48.28
	12200.00	89.50	179.53	9763.19	2432.08	-2350.65	720.15	0.00	396451.39	759096.14	N 32 5 13.91	W 103 29 48.28
	12300.00	89.50	179.53	9764.07	2531.06	-2450.64	720.97	0.00	396351.40	759096.96	N 32 5 12.92	W 103 29 48.28
	12400.00	89.50	179.53	9764.94	2630.05	-2550.63	721.79	0.00	396251.41	759097.78	N 32 5 11.93	W 103 29 48.28
	12500.00	89.50	179.53	9765.81	2729.03	-2650.63	722.62	0.00	396151.42	759098.60	N 32 5 10.95	W 103 29 48.28
	12600.00	89.50	179.53	9766.68	2828.02	-2750.62	723.44	0.00	396051.42	759099.43	N 32 5 9.96	W 103 29 48.28
	12700.00	89.50	179.53	9767.55	2927.00	-2850.61	724.26	0.00	395951.43	759100.25	N 32 5 8.97	W 103 29 48.28
	12800.00	89.50	179.53	9768.42	3025.99	-2950.61	725.08	0.00	395851.44	759101.07	N 32 5 7.98	W 103 29 48.28
	12900.00	89.50	179.53	9769.29	3124.97	-3050.60	725.91	0.00	395751.45	759101.89	N 32 5 6.99	W 103 29 48.28
	13000.00	89.50	179.53	9770.16	3223.96	-3150.59	726.73	0.00	395651.46	759102.72	N 32 5 6.00	W 103 29 48.28
	13100.00	89.50	179.53	9771.03	3322.94	-3250.58	727.55	0.00	395551.47	759103.54	N 32 5 5.01	W 103 29 48.28
	13200.00	89.50	179.53	9771.91	3421.93	-3350.58	728.38	0.00	395451.48	759104.36	N 32 5 4.02	W 103 29 48.28
	13300.00	89.50	179.53	9772.78	3520.91	-3450.57	729.20	0.00	395351.49	759105.19		

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 ° ' ")
	13900.00	89.50	179.53	9778.00	4114.82	-4050.53	734.14	0.00	394751.54	759110.13	N 32 4 57.09	W 103 29 48.27
	14000.00	89.50	179.53	9778.87	4213.81	-4150.52	734.96	0.00	394651.55	759110.95	N 32 4 56.10	W 103 29 48.27
	14100.00	89.50	179.53	9779.74	4312.79	-4250.51	735.79	0.00	394551.56	759111.78	N 32 4 55.11	W 103 29 48.27
	14200.00	89.50	179.53	9780.61	4411.78	-4350.51	736.61	0.00	394451.57	759112.60	N 32 4 54.12	W 103 29 48.27
	14300.00	89.50	179.53	9781.48	4510.76	-4450.50	737.44	0.00	394351.57	759113.42	N 32 4 53.13	W 103 29 48.27
	14400.00	89.50	179.53	9782.35	4609.75	-4550.49	738.26	0.00	394251.58	759114.25	N 32 4 52.14	W 103 29 48.27
	14500.00	89.50	179.53	9783.22	4708.73	-4650.48	739.09	0.00	394151.59	759115.07	N 32 4 51.15	W 103 29 48.27
	14600.00	89.50	179.53	9784.09	4807.72	-4750.48	739.91	0.00	394051.60	759115.90	N 32 4 50.17	W 103 29 48.27
	14700.00	89.50	179.53	9784.96	4906.70	-4850.47	740.73	0.00	393951.61	759116.72	N 32 4 49.18	W 103 29 48.27
EOG Condor 32 State 2H - PBHL	14733.61	89.50	179.53	9785.25	4939.97	-4884.08	741.01	0.00	393918.00	759117.00	N 32 4 48.84	W 103 29 48.27

Survey Type: Non-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 Condor 32 State 2H Rev0 mcs 23Jan13
	30.000	14733.613	1/100.000	30.000	30.000	SLB_MWD-STD	Original Borehole / EOG Condor 32 State 2H Rev0 mcs 23Jan13

EOG RESOURCES, INC.
CONDOR 32 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.
CONDOR 32 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:**
All drill strings, casings, tubing, wellhead, blowout preventer, drilling spool, kill lines, choke manifold and lines, and valves shall be suitable for H₂S service.
- **Communication:**
Communication will be via cell phones and land lines where available.

Emergency Assistance Telephone List

**EOG RESOURCES, INC.
CONDOR 32 STATE #2H**

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

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