

Santa Fe Main Office

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General Information

Phone: (505) 629-6116

Online Phone Directory Visit:

<https://www.emnrd.nm.gov/ocd/contact-us/>State of New Mexico
Energy, Minerals and Natural ResourcesForm C-103
Revised July 18, 2013OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		WELL API NO. 30-025-53213 5. Indicate Type of Lease STATE ☒ FEE ☐ 6. State Oil & Gas Lease No.
2. Name of Operator EOG RESOURCES, INC.		7. Lease Name or Unit Agreement Name DRAGON 36 STATE 8. Well Number 201H
3. Address of Operator P.O. Box 2267 Midland, Texas 79702		9. OGRID Number 7377 10. Pool name or Wildcat 97900 - RED HILLS; UPPER BONE SPRING SHALE
4. Well Location Unit Letter N : 1166 feet from the SOUTH line and 2448 feet from the WEST line Section 36 Township 24S Range 33E NMPM LEA County		
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3481' GR		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☒
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐
 OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

EOG respectfully requests an amendment to our approved APD for this well to reflect the following changes:

Dragon 36 State 307H (FKA 201H) API #: 30-025-53213

Change name from Dragon 36 State 201H to Dragon 36 State 307H.

Change BHL from T-24-S, R-33-E, Sec 36, 100' FNL, 755' FWL, LEA Co., NM,
to T-24-S, R-33-E, Sec 36, 100' FNL, 1041' FWL, LEA Co., N.M.

Change target formation to First Bone Spring Sands.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Kayla McConnell TITLE REGULATORY SPECIALIST DATE 08/29/2024

Type or print name KAYLA MCCONNELL E-mail address: KAYLA_MCCONNELL@EOGRESOURCES.COM PHONE: 432-265-6804

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☒ Amended Report
		☐ As Drilled	

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-53213	Pool Code 97900	Pool Name RED HILLS;UPPER BONE SPRING SHALE
Property Code 39643	Property Name DRAGON 36 STATE	Well Number 307H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Ground Level Elevation 3481'
Surface Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
N	36	24-S	33-E	-	1166' S	2448' W	N 32.1700143	W 103.5266688	LEA

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
D	36	24-S	33-E	-	100' N	1041' W	N 32.1810518	W 103.5312164	LEA

Dedicated Acres 320.00	Infill or Defining Well INFILL	Defining Well API 30-025-49282	Overlapping Spacing Unit (Y/N) N	Consolidated Code
Order Numbers LEASE WELL			Well Setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
M	36	24-S	33-E	-	50' S	1041' W	N 32.1669511	W 103.5312144	LEA

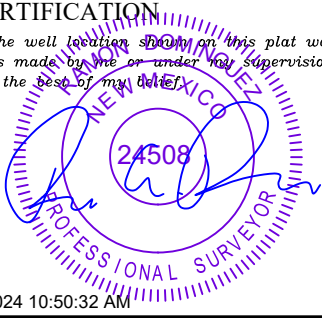
First Take Point (FTP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
M	36	24-S	33-E	-	100' S	1041' W	N 32.1670885	W 103.5312144	LEA

Last Take Point (LTP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
D	36	24-S	33-E	-	100' N	1041' W	N 32.1810518	W 103.5312164	LEA

Unitized Area or Area of Uniform Intrest	Spacing Unity Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation 3506'
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OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief; and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <i>If this well is a horizontal well, I further certify that this organization has received The consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i>  Signature Date 08/29/2024 Print Name KAYLA_MCCONNELL@EOGRESOOUSCE E-mail Address		SURVEYORS CERTIFICATION <i>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 and correct to the best of my belief.</i>  8/26/2024 10:50:32 AM Signature and Seal of Professional Surveyor Date Certificate Number Date of Survey 08/16/2024	
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C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☒ Amended Report
		☐ As Drilled	
Property Name and Well Number DRAGON 36 STATE 307H			

SURFACE LOCATION (SHL) NEW MEXICO EAST NAD 1983 X=790935 Y=426522 LAT.: N 32.1700143 LONG.: W 103.526688 NAD 1927 X=749750 Y=426463 LAT.: N 32.1698899 LONG.: W 103.5261952 1166' FSL 2448' FWL KICK OFF POINT (KOP) NEW MEXICO EAST NAD 1983 X=789537 Y=425397 LAT.: N 32.1669511 LONG.: W 103.5312144 NAD 1927 X=748351 Y=425339 LAT.: N 32.1668267 LONG.: W 103.5307409 50' FSL 1041' FWL	The map shows a rectangular lease well area with a dashed red line indicating the well path. Key points include SHL (Surface Hole Location), UMP (Upper Most Perforation), KOP (Kick Off Point), and LMP/BHL (Lower Most Perforation / Bottom Hole Location). The map includes bearings (AZ = 359.57°, 5079.9', AZ = 231.18°, 1794.6', 2448', 194') and distances (1041', 100', 50', 1166', 194'). The well is labeled 'LEASE WELL' and 'STATE NM LG-4235'. The map also shows the 'HZ SPACING UNIT' and 'T-24-S' and 'T-25-S' lines.	UPPER MOST PERF. (UMP) NEW MEXICO EAST NAD 1983 X=789536 Y=425447 LAT.: N 32.1670885 LONG.: W 103.5312144 NAD 1927 X=748351 Y=425389 LAT.: N 32.1669642 LONG.: W 103.5307409 100' FSL 1041' FWL LOWER MOST PERF. (LMP) BOTTOM HOLE LOCATION (BHL) NEW MEXICO EAST NAD 1983 X=789498 Y=430527 LAT.: N 32.1810518 LONG.: W 103.5312164 NAD 1927 X=748313 Y=430468 LAT.: N 32.1809275 LONG.: W 103.5307419 100' FNL 1041' FWL
SURVEYORS 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 and correct to the best of my belief. 08/16/2024 Date of Survey Signature and Seal of Professional Surveyor: RAMON DOMINGUEZ NEW MEXICO 24508 PROFESSIONAL SURVEYOR		



EOG Batch Casing

Pad Name: Dragon 36 State

SHL: Section 36, Township 24-S, Range 33-E, LEA County, NM

EOG requests for the below wells to be approved for all designs listed in the Blanket Casing Design ('EOG BLM Variance 5a - Alternate Shallow Casing Designs.pdf' OR 'EOG BLM Variance 5b - Alternate Deep Casing Designs.pdf') document. The MDs and TVDs for all intervals are within the boundary conditions. The max inclination and DLS are also within the boundary conditions. The directional plans for the wells are attached separately.

Well Name	API #	Surface		Intermediate		Production	
		MD	TVD	MD	TVD	MD	TVD
Dragon 36 State #307H (FKA 201H)	30-025-53213	1,320	1,320	5,589	5,281	15,517	10,316
Dragon 36 State #306H (FKA 221H)	30-025-53214	1,320	1,320	5,390	5,281	15,343	10,316
Dragon 36 State #222H	30-025-53215	1,320	1,320	5,812	5,281	15,275	9,899
Dragon 36 State #220H (FKA 304H)	30-025-53216	1,320	1,320	5,450	5,281	20,714	9,899
Dragon 36 State #202H (FKA 305H)	30-025-53217	1,320	1,320	5,685	5,281	15,178	9,899



EOG Batch Casing

Variances

EOG requests the additional variance(s) in the attached document(s):

- EOG BLM Variance 2a - Intermediate Bradenhead Cement
- EOG BLM Variance 3a_b - BOP Break-test and Offline Intermediate Cement
- EOG BLM Variance 4a - Salt Section Annular Clearance
- EOG BLM Variance 5a - Alternate Shallow Casing Designs



EOG Batch Casing

GEOLOGIC NAME OF SURFACE FORMATION:

Permian

ESTIMATED TOPS OF IMPORTANT GEOLOGICAL MARKERS:

Rustler	1,200'
Tamarisk Anhydrite	1,288'
Top of Salt	1,693'
Base of Salt	5,181'
Lamar	5,221'
Bell Canyon	5,238'
Cherry Canyon	6,277'
Brushy Canyon	7,793'
Bone Spring Lime	9,245'
Leonard (Avalon) Shale	9,320'
1st Bone Spring Sand	10,210'
2nd Bone Spring Shale	10,530'
2nd Bone Spring Sand	10,818'

ESTIMATED DEPTHS OF ANTICIPATED FRESH WATER, OIL OR GAS:

Upper Permian Sands	0- 400'	Fresh Water
Bell Canyon	5,238'	Oil
Cherry Canyon	6,277'	Oil
Brushy Canyon	7,793'	Oil
Leonard (Avalon) Shale	9,320'	Oil
1st Bone Spring Sand	10,210'	Oil
2nd Bone Spring Shale	10,530'	Oil
2nd Bone Spring Sand	10,818'	Oil

No other Formations are expected to give up oil, gas or fresh water in measurable quantities. Surface fresh water sands will be protected by setting surface casing at 1,320' and circulating cement back to surface.



Midland

Lea County, NM (NAD 83 NME)

Dragon 36 State

#307H

OH

Plan: Plan #0.1 RT

Standard Planning Report

27 August, 2024



Planning Report

Database:	PEDMB	Local Co-ordinate Reference:	Well #307H
Company:	Midland	TVD Reference:	kb = 26' @ 3507.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	kb = 26' @ 3507.0usft
Site:	Dragon 36 State	North Reference:	Grid
Well:	#307H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1 RT		

Project	Lea County, NM (NAD 83 NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Dragon 36 State				
Site Position:		Northing:	426,079.00 usft	Latitude:	32° 10' 7.510 N
From:	Map	Easting:	793,102.00 usft	Longitude:	103° 31' 10.836 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "		

Well	#307H					
Well Position	+N/-S	0.0 usft	Northing:	426,522.00 usft	Latitude:	32° 10' 12.055 N
	+E/-W	0.0 usft	Easting:	790,935.00 usft	Longitude:	103° 31' 36.007 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,481.0 usft
Grid Convergence:	0.43 °					

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	6/19/2024	6.17	59.75	47,151.92310451

Design	Plan #0.1 RT				
Audit Notes:					
Version:	Phase:	PLAN	Tie On Depth:	0.0	
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	340.26	

Plan Survey Tool Program	Date	8/27/2024			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.0	15,517.3	Plan #0.1 RT (OH)	EOG MWD+IFR1	
			MWD + IFR1		



Planning Report

Database:	PEDMB	Local Co-ordinate Reference:	Well #307H
Company:	Midland	TVD Reference:	kb = 26' @ 3507.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	kb = 26' @ 3507.0usft
Site:	Dragon 36 State	North Reference:	Grid
Well:	#307H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1 RT		

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,425.6	18.51	231.18	2,409.6	-92.9	-115.5	2.00	2.00	0.00	231.18	
7,143.6	18.51	231.18	6,883.4	-1,032.1	-1,282.5	0.00	0.00	0.00	0.00	
8,069.2	0.00	0.01	7,793.0	-1,125.0	-1,398.0	2.00	-2.00	0.00	180.00	
10,114.7	0.00	0.01	9,838.5	-1,125.0	-1,398.0	0.00	0.00	0.00	0.00	KOP(Dragon 36 State
10,335.1	26.46	358.85	10,051.2	-1,075.0	-1,399.0	12.00	12.00	-0.52	358.85	FTP(Dragon 36 State
10,864.6	90.00	359.59	10,315.9	-647.6	-1,403.7	12.00	12.00	0.14	0.82	
15,517.3	90.00	359.59	10,316.0	4,005.0	-1,437.0	0.00	0.00	0.00	0.00	PBHL(Dragon 36 Stat



Planning Report

Database:	PEDMB	Local Co-ordinate Reference:	Well #307H
Company:	Midland	TVD Reference:	kb = 26' @ 3507.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	kb = 26' @ 3507.0usft
Site:	Dragon 36 State	North Reference:	Grid
Well:	#307H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1 RT		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	2.00	231.18	1,600.0	-1.1	-1.4	-0.6	2.00	2.00	0.00
1,700.0	4.00	231.18	1,699.8	-4.4	-5.4	-2.3	2.00	2.00	0.00
1,800.0	6.00	231.18	1,799.5	-9.8	-12.2	-5.1	2.00	2.00	0.00
1,900.0	8.00	231.18	1,898.7	-17.5	-21.7	-9.1	2.00	2.00	0.00
2,000.0	10.00	231.18	1,997.5	-27.3	-33.9	-14.2	2.00	2.00	0.00
2,100.0	12.00	231.18	2,095.6	-39.2	-48.8	-20.5	2.00	2.00	0.00
2,200.0	14.00	231.18	2,193.1	-53.3	-66.3	-27.8	2.00	2.00	0.00
2,300.0	16.00	231.18	2,289.6	-69.6	-86.5	-36.3	2.00	2.00	0.00
2,400.0	18.00	231.18	2,385.3	-87.9	-109.2	-45.8	2.00	2.00	0.00
2,425.6	18.51	231.18	2,409.6	-92.9	-115.5	-48.5	2.00	2.00	0.00
2,500.0	18.51	231.18	2,480.1	-107.7	-133.9	-56.2	0.00	0.00	0.00
2,600.0	18.51	231.18	2,575.0	-127.6	-158.6	-66.6	0.00	0.00	0.00
2,700.0	18.51	231.18	2,669.8	-147.6	-183.4	-77.0	0.00	0.00	0.00
2,800.0	18.51	231.18	2,764.6	-167.5	-208.1	-87.3	0.00	0.00	0.00
2,900.0	18.51	231.18	2,859.4	-187.4	-232.8	-97.7	0.00	0.00	0.00
3,000.0	18.51	231.18	2,954.3	-207.3	-257.6	-108.1	0.00	0.00	0.00
3,100.0	18.51	231.18	3,049.1	-227.2	-282.3	-118.5	0.00	0.00	0.00
3,200.0	18.51	231.18	3,143.9	-247.1	-307.0	-128.9	0.00	0.00	0.00
3,300.0	18.51	231.18	3,238.7	-267.0	-331.8	-139.3	0.00	0.00	0.00
3,400.0	18.51	231.18	3,333.6	-286.9	-356.5	-149.6	0.00	0.00	0.00
3,500.0	18.51	231.18	3,428.4	-306.8	-381.2	-160.0	0.00	0.00	0.00
3,600.0	18.51	231.18	3,523.2	-326.7	-406.0	-170.4	0.00	0.00	0.00
3,700.0	18.51	231.18	3,618.0	-346.6	-430.7	-180.8	0.00	0.00	0.00
3,800.0	18.51	231.18	3,712.9	-366.5	-455.5	-191.2	0.00	0.00	0.00
3,900.0	18.51	231.18	3,807.7	-386.4	-480.2	-201.5	0.00	0.00	0.00
4,000.0	18.51	231.18	3,902.5	-406.3	-504.9	-211.9	0.00	0.00	0.00
4,100.0	18.51	231.18	3,997.3	-426.2	-529.7	-222.3	0.00	0.00	0.00
4,200.0	18.51	231.18	4,092.2	-446.1	-554.4	-232.7	0.00	0.00	0.00
4,300.0	18.51	231.18	4,187.0	-466.0	-579.1	-243.1	0.00	0.00	0.00
4,400.0	18.51	231.18	4,281.8	-485.9	-603.9	-253.5	0.00	0.00	0.00
4,500.0	18.51	231.18	4,376.6	-505.9	-628.6	-263.8	0.00	0.00	0.00
4,600.0	18.51	231.18	4,471.5	-525.8	-653.3	-274.2	0.00	0.00	0.00
4,700.0	18.51	231.18	4,566.3	-545.7	-678.1	-284.6	0.00	0.00	0.00
4,800.0	18.51	231.18	4,661.1	-565.6	-702.8	-295.0	0.00	0.00	0.00
4,900.0	18.51	231.18	4,755.9	-585.5	-727.5	-305.4	0.00	0.00	0.00
5,000.0	18.51	231.18	4,850.8	-605.4	-752.3	-315.7	0.00	0.00	0.00
5,100.0	18.51	231.18	4,945.6	-625.3	-777.0	-326.1	0.00	0.00	0.00
5,200.0	18.51	231.18	5,040.4	-645.2	-801.8	-336.5	0.00	0.00	0.00



Planning Report

Database:	PEDMB	Local Co-ordinate Reference:	Well #307H
Company:	Midland	TVD Reference:	kb = 26' @ 3507.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	kb = 26' @ 3507.0usft
Site:	Dragon 36 State	North Reference:	Grid
Well:	#307H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1 RT		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
5,300.0	18.51	231.18	5,135.2	-665.1	-826.5	-346.9	0.00	0.00	0.00	
5,400.0	18.51	231.18	5,230.1	-685.0	-851.2	-357.3	0.00	0.00	0.00	
5,500.0	18.51	231.18	5,324.9	-704.9	-876.0	-367.7	0.00	0.00	0.00	
5,600.0	18.51	231.18	5,419.7	-724.8	-900.7	-378.0	0.00	0.00	0.00	
5,700.0	18.51	231.18	5,514.6	-744.7	-925.4	-388.4	0.00	0.00	0.00	
5,800.0	18.51	231.18	5,609.4	-764.6	-950.2	-398.8	0.00	0.00	0.00	
5,900.0	18.51	231.18	5,704.2	-784.5	-974.9	-409.2	0.00	0.00	0.00	
6,000.0	18.51	231.18	5,799.0	-804.4	-999.6	-419.6	0.00	0.00	0.00	
6,100.0	18.51	231.18	5,893.9	-824.3	-1,024.4	-430.0	0.00	0.00	0.00	
6,200.0	18.51	231.18	5,988.7	-844.2	-1,049.1	-440.3	0.00	0.00	0.00	
6,300.0	18.51	231.18	6,083.5	-864.2	-1,073.9	-450.7	0.00	0.00	0.00	
6,400.0	18.51	231.18	6,178.3	-884.1	-1,098.6	-461.1	0.00	0.00	0.00	
6,500.0	18.51	231.18	6,273.2	-904.0	-1,123.3	-471.5	0.00	0.00	0.00	
6,600.0	18.51	231.18	6,368.0	-923.9	-1,148.1	-481.9	0.00	0.00	0.00	
6,700.0	18.51	231.18	6,462.8	-943.8	-1,172.8	-492.2	0.00	0.00	0.00	
6,800.0	18.51	231.18	6,557.6	-963.7	-1,197.5	-502.6	0.00	0.00	0.00	
6,900.0	18.51	231.18	6,652.5	-983.6	-1,222.3	-513.0	0.00	0.00	0.00	
7,000.0	18.51	231.18	6,747.3	-1,003.5	-1,247.0	-523.4	0.00	0.00	0.00	
7,100.0	18.51	231.18	6,842.1	-1,023.4	-1,271.7	-533.8	0.00	0.00	0.00	
7,143.6	18.51	231.18	6,883.4	-1,032.1	-1,282.5	-538.3	0.00	0.00	0.00	
7,200.0	17.38	231.18	6,937.1	-1,043.0	-1,296.1	-544.0	2.00	-2.00	0.00	
7,300.0	15.38	231.18	7,033.0	-1,060.7	-1,318.0	-553.2	2.00	-2.00	0.00	
7,400.0	13.38	231.18	7,129.9	-1,076.2	-1,337.4	-561.3	2.00	-2.00	0.00	
7,500.0	11.38	231.18	7,227.6	-1,089.7	-1,354.1	-568.3	2.00	-2.00	0.00	
7,600.0	9.38	231.18	7,325.9	-1,101.0	-1,368.1	-574.2	2.00	-2.00	0.00	
7,700.0	7.38	231.18	7,424.9	-1,110.1	-1,379.5	-579.0	2.00	-2.00	0.00	
7,800.0	5.38	231.18	7,524.2	-1,117.1	-1,388.2	-582.6	2.00	-2.00	0.00	
7,900.0	3.38	231.18	7,623.9	-1,121.9	-1,394.1	-585.1	2.00	-2.00	0.00	
8,000.0	1.38	231.18	7,723.8	-1,124.5	-1,397.3	-586.5	2.00	-2.00	0.00	
8,069.2	0.00	0.01	7,793.0	-1,125.0	-1,398.0	-586.8	2.00	-2.00	0.00	
8,100.0	0.00	0.00	7,823.8	-1,125.0	-1,398.0	-586.8	0.00	0.00	0.00	
8,200.0	0.00	0.00	7,923.8	-1,125.0	-1,398.0	-586.8	0.00	0.00	0.00	
8,300.0	0.00	0.00	8,023.8	-1,125.0	-1,398.0	-586.8	0.00	0.00	0.00	
8,400.0	0.00	0.00	8,123.8	-1,125.0	-1,398.0	-586.8	0.00	0.00	0.00	
8,500.0	0.00	0.00	8,223.8	-1,125.0	-1,398.0	-586.8	0.00	0.00	0.00	
8,600.0	0.00	0.00	8,323.8	-1,125.0	-1,398.0	-586.8	0.00	0.00	0.00	
8,700.0	0.00	0.00	8,423.8	-1,125.0	-1,398.0	-586.8	0.00	0.00	0.00	
8,800.0	0.00	0.00	8,523.8	-1,125.0	-1,398.0	-586.8	0.00	0.00	0.00	
8,900.0	0.00	0.00	8,623.8	-1,125.0	-1,398.0	-586.8	0.00	0.00	0.00	
9,000.0	0.00	0.00	8,723.8	-1,125.0	-1,398.0	-586.8	0.00	0.00	0.00	
9,100.0	0.00	0.00	8,823.8	-1,125.0	-1,398.0	-586.8	0.00	0.00	0.00	
9,200.0	0.00	0.00	8,923.8	-1,125.0	-1,398.0	-586.8	0.00	0.00	0.00	
9,300.0	0.00	0.00	9,023.8	-1,125.0	-1,398.0	-586.8	0.00	0.00	0.00	
9,400.0	0.00	0.00	9,123.8	-1,125.0	-1,398.0	-586.8	0.00	0.00	0.00	
9,500.0	0.00	0.00	9,223.8	-1,125.0	-1,398.0	-586.8	0.00	0.00	0.00	
9,600.0	0.00	0.00	9,323.8	-1,125.0	-1,398.0	-586.8	0.00	0.00	0.00	
9,700.0	0.00	0.00	9,423.8	-1,125.0	-1,398.0	-586.8	0.00	0.00	0.00	
9,800.0	0.00	0.00	9,523.8	-1,125.0	-1,398.0	-586.8	0.00	0.00	0.00	
9,900.0	0.00	0.00	9,623.8	-1,125.0	-1,398.0	-586.8	0.00	0.00	0.00	
10,000.0	0.00	0.00	9,723.8	-1,125.0	-1,398.0	-586.8	0.00	0.00	0.00	
10,100.0	0.00	0.00	9,823.8	-1,125.0	-1,398.0	-586.8	0.00	0.00	0.00	
10,114.7	0.00	0.01	9,838.5	-1,125.0	-1,398.0	-586.8	0.00	0.00	0.00	
10,125.0	1.24	358.85	9,848.8	-1,124.9	-1,398.0	-586.7	12.00	12.00	0.00	
10,150.0	4.24	358.85	9,873.8	-1,123.7	-1,398.0	-585.5	12.00	12.00	0.00	



Planning Report

Database:	PEDMB	Local Co-ordinate Reference:	Well #307H
Company:	Midland	TVD Reference:	kb = 26' @ 3507.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	kb = 26' @ 3507.0usft
Site:	Dragon 36 State	North Reference:	Grid
Well:	#307H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1 RT		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,175.0	7.24	358.85	9,898.7	-1,121.2	-1,398.1	-583.2	12.00	12.00	0.00
10,200.0	10.24	358.85	9,923.4	-1,117.4	-1,398.2	-579.6	12.00	12.00	0.00
10,225.0	13.24	358.85	9,947.9	-1,112.3	-1,398.3	-574.7	12.00	12.00	0.00
10,250.0	16.24	358.85	9,972.0	-1,105.9	-1,398.4	-568.7	12.00	12.00	0.00
10,275.0	19.25	358.85	9,995.8	-1,098.3	-1,398.5	-561.5	12.00	12.00	0.00
10,300.0	22.25	358.85	10,019.2	-1,089.5	-1,398.7	-553.1	12.00	12.00	0.00
10,325.0	25.25	358.85	10,042.1	-1,079.4	-1,398.9	-543.6	12.00	12.00	0.00
10,335.1	26.46	358.85	10,051.2	-1,075.0	-1,399.0	-539.4	12.00	12.00	0.00
10,350.0	28.25	358.91	10,064.4	-1,068.2	-1,399.1	-532.9	12.00	12.00	0.36
10,375.0	31.25	358.99	10,086.1	-1,055.8	-1,399.4	-521.1	12.00	12.00	0.31
10,400.0	34.25	359.05	10,107.1	-1,042.2	-1,399.6	-508.3	12.00	12.00	0.26
10,425.0	37.25	359.11	10,127.4	-1,027.6	-1,399.8	-494.5	12.00	12.00	0.23
10,450.0	40.25	359.16	10,146.9	-1,012.0	-1,400.1	-479.7	12.00	12.00	0.20
10,475.0	43.25	359.20	10,165.6	-995.4	-1,400.3	-464.0	12.00	12.00	0.17
10,500.0	46.25	359.24	10,183.3	-977.8	-1,400.5	-447.3	12.00	12.00	0.16
10,525.0	49.25	359.27	10,200.1	-959.3	-1,400.8	-429.8	12.00	12.00	0.14
10,550.0	52.25	359.31	10,216.0	-939.9	-1,401.0	-411.5	12.00	12.00	0.13
10,575.0	55.25	359.34	10,230.7	-919.7	-1,401.3	-392.5	12.00	12.00	0.12
10,600.0	58.25	359.36	10,244.4	-898.8	-1,401.5	-372.7	12.00	12.00	0.11
10,625.0	61.25	359.39	10,257.0	-877.3	-1,401.7	-352.3	12.00	12.00	0.10
10,650.0	64.25	359.41	10,268.5	-855.0	-1,402.0	-331.3	12.00	12.00	0.10
10,675.0	67.25	359.44	10,278.8	-832.2	-1,402.2	-309.8	12.00	12.00	0.09
10,700.0	70.25	359.46	10,287.8	-808.9	-1,402.4	-287.8	12.00	12.00	0.09
10,725.0	73.25	359.48	10,295.6	-785.2	-1,402.6	-265.4	12.00	12.00	0.09
10,750.0	76.25	359.50	10,302.2	-761.1	-1,402.8	-242.6	12.00	12.00	0.08
10,775.0	79.25	359.52	10,307.5	-736.7	-1,403.1	-219.5	12.00	12.00	0.08
10,800.0	82.25	359.54	10,311.5	-712.0	-1,403.3	-196.3	12.00	12.00	0.08
10,825.0	85.25	359.56	10,314.3	-687.1	-1,403.5	-172.8	12.00	12.00	0.08
10,850.0	88.25	359.58	10,315.7	-662.2	-1,403.6	-149.2	12.00	12.00	0.08
10,864.6	90.00	359.59	10,315.9	-647.6	-1,403.7	-135.5	12.00	12.00	0.08
10,900.0	90.00	359.59	10,315.9	-612.2	-1,404.0	-102.1	0.00	0.00	0.00
11,000.0	90.00	359.59	10,315.9	-512.2	-1,404.7	-7.7	0.00	0.00	0.00
11,100.0	90.00	359.59	10,315.9	-412.2	-1,405.4	86.7	0.00	0.00	0.00
11,200.0	90.00	359.59	10,315.9	-312.2	-1,406.1	181.0	0.00	0.00	0.00
11,300.0	90.00	359.59	10,315.9	-212.2	-1,406.9	275.4	0.00	0.00	0.00
11,400.0	90.00	359.59	10,315.9	-112.2	-1,407.6	369.8	0.00	0.00	0.00
11,500.0	90.00	359.59	10,315.9	-12.2	-1,408.3	464.1	0.00	0.00	0.00
11,600.0	90.00	359.59	10,315.9	87.8	-1,409.0	558.5	0.00	0.00	0.00
11,700.0	90.00	359.59	10,315.9	187.8	-1,409.7	652.8	0.00	0.00	0.00
11,800.0	90.00	359.59	10,315.9	287.8	-1,410.4	747.2	0.00	0.00	0.00
11,900.0	90.00	359.59	10,315.9	387.8	-1,411.1	841.6	0.00	0.00	0.00
12,000.0	90.00	359.59	10,315.9	487.8	-1,411.9	935.9	0.00	0.00	0.00
12,100.0	90.00	359.59	10,315.9	587.8	-1,412.6	1,030.3	0.00	0.00	0.00
12,200.0	90.00	359.59	10,315.9	687.8	-1,413.3	1,124.7	0.00	0.00	0.00
12,300.0	90.00	359.59	10,315.9	787.8	-1,414.0	1,219.0	0.00	0.00	0.00
12,400.0	90.00	359.59	10,315.9	887.8	-1,414.7	1,313.4	0.00	0.00	0.00
12,500.0	90.00	359.59	10,315.9	987.8	-1,415.4	1,407.8	0.00	0.00	0.00
12,600.0	90.00	359.59	10,315.9	1,087.8	-1,416.2	1,502.1	0.00	0.00	0.00
12,700.0	90.00	359.59	10,315.9	1,187.8	-1,416.9	1,596.5	0.00	0.00	0.00
12,800.0	90.00	359.59	10,316.0	1,287.8	-1,417.6	1,690.8	0.00	0.00	0.00
12,900.0	90.00	359.59	10,316.0	1,387.8	-1,418.3	1,785.2	0.00	0.00	0.00
13,000.0	90.00	359.59	10,316.0	1,487.8	-1,419.0	1,879.6	0.00	0.00	0.00
13,100.0	90.00	359.59	10,316.0	1,587.7	-1,419.7	1,973.9	0.00	0.00	0.00
13,200.0	90.00	359.59	10,316.0	1,687.7	-1,420.4	2,068.3	0.00	0.00	0.00

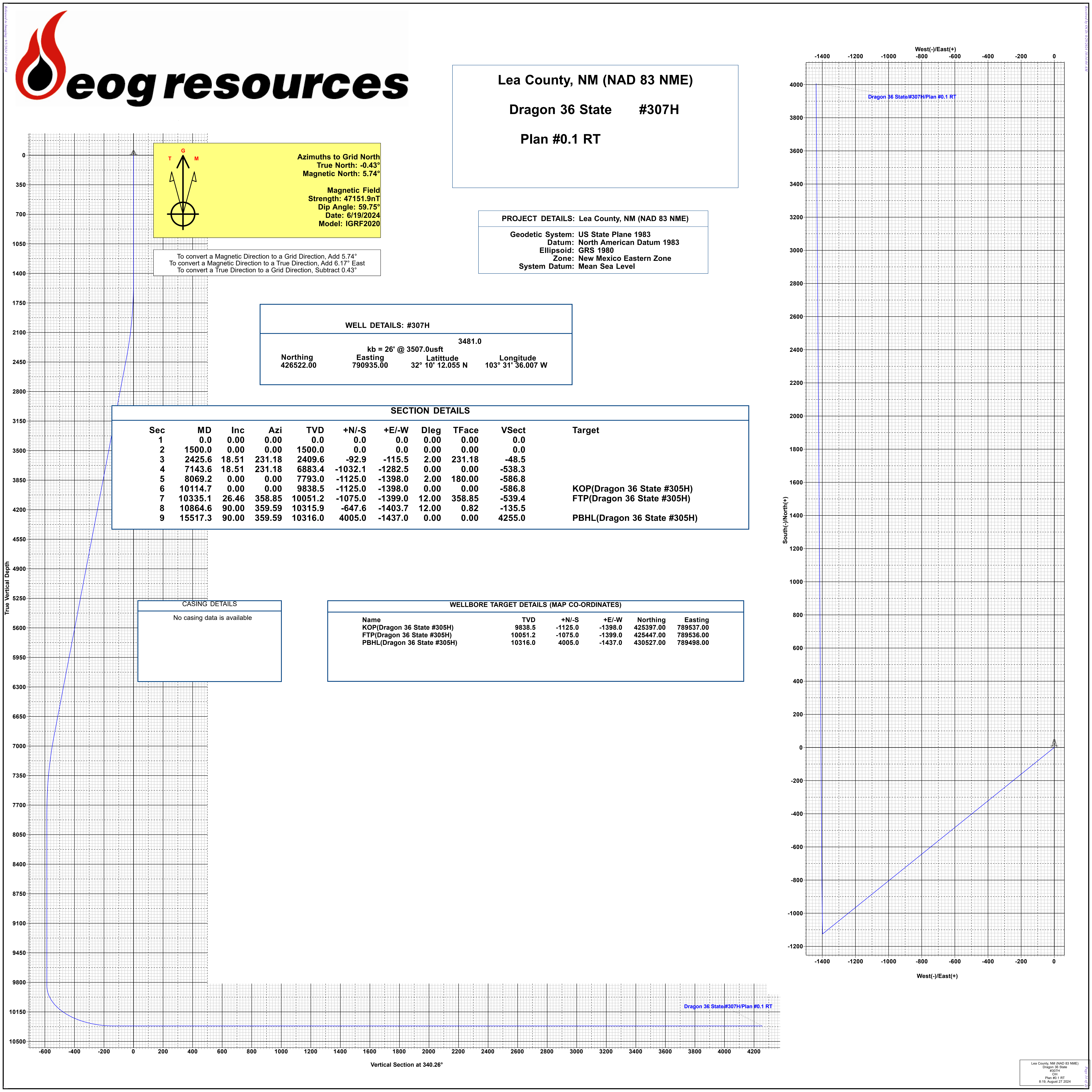


Planning Report

Database:	PEDMB	Local Co-ordinate Reference:	Well #307H
Company:	Midland	TVD Reference:	kb = 26' @ 3507.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	kb = 26' @ 3507.0usft
Site:	Dragon 36 State	North Reference:	Grid
Well:	#307H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1 RT		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
13,300.0	90.00	359.59	10,316.0	1,787.7	-1,421.2	2,162.7	0.00	0.00	0.00	
13,400.0	90.00	359.59	10,316.0	1,887.7	-1,421.9	2,257.0	0.00	0.00	0.00	
13,500.0	90.00	359.59	10,316.0	1,987.7	-1,422.6	2,351.4	0.00	0.00	0.00	
13,600.0	90.00	359.59	10,316.0	2,087.7	-1,423.3	2,445.8	0.00	0.00	0.00	
13,700.0	90.00	359.59	10,316.0	2,187.7	-1,424.0	2,540.1	0.00	0.00	0.00	
13,800.0	90.00	359.59	10,316.0	2,287.7	-1,424.7	2,634.5	0.00	0.00	0.00	
13,900.0	90.00	359.59	10,316.0	2,387.7	-1,425.4	2,728.8	0.00	0.00	0.00	
14,000.0	90.00	359.59	10,316.0	2,487.7	-1,426.2	2,823.2	0.00	0.00	0.00	
14,100.0	90.00	359.59	10,316.0	2,587.7	-1,426.9	2,917.6	0.00	0.00	0.00	
14,200.0	90.00	359.59	10,316.0	2,687.7	-1,427.6	3,011.9	0.00	0.00	0.00	
14,300.0	90.00	359.59	10,316.0	2,787.7	-1,428.3	3,106.3	0.00	0.00	0.00	
14,400.0	90.00	359.59	10,316.0	2,887.7	-1,429.0	3,200.7	0.00	0.00	0.00	
14,500.0	90.00	359.59	10,316.0	2,987.7	-1,429.7	3,295.0	0.00	0.00	0.00	
14,600.0	90.00	359.59	10,316.0	3,087.7	-1,430.4	3,389.4	0.00	0.00	0.00	
14,700.0	90.00	359.59	10,316.0	3,187.7	-1,431.2	3,483.7	0.00	0.00	0.00	
14,800.0	90.00	359.59	10,316.0	3,287.7	-1,431.9	3,578.1	0.00	0.00	0.00	
14,900.0	90.00	359.59	10,316.0	3,387.7	-1,432.6	3,672.5	0.00	0.00	0.00	
15,000.0	90.00	359.59	10,316.0	3,487.7	-1,433.3	3,766.8	0.00	0.00	0.00	
15,100.0	90.00	359.59	10,316.0	3,587.7	-1,434.0	3,861.2	0.00	0.00	0.00	
15,200.0	90.00	359.59	10,316.0	3,687.7	-1,434.7	3,955.6	0.00	0.00	0.00	
15,300.0	90.00	359.59	10,316.0	3,787.7	-1,435.4	4,049.9	0.00	0.00	0.00	
15,400.0	90.00	359.59	10,316.0	3,887.7	-1,436.2	4,144.3	0.00	0.00	0.00	
15,500.0	90.00	359.59	10,316.0	3,987.7	-1,436.9	4,238.7	0.00	0.00	0.00	
15,517.3	90.00	359.59	10,316.0	4,005.0	-1,437.0	4,255.0	0.00	0.00	0.00	

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude		Longitude
KOP(Dragon 36 State #1 - hit/miss target - Shape - Point	0.00	0.01	9,838.5	-1,125.0	-1,398.0	425,397.00	789,537.00	32° 10' 1.026 N		103° 31' 52.369 W
FTP(Dragon 36 State #3 - plan hits target center - Point	0.00	0.00	10,051.2	-1,075.0	-1,399.0	425,447.00	789,536.00	32° 10' 1.521 N		103° 31' 52.376 W
PBHL(Dragon 36 State # - plan hits target center - Point	0.00	0.00	10,316.0	4,005.0	-1,437.0	430,527.00	789,498.00	32° 10' 51.791 N		103° 31' 52.378 W



Plan #0.1 RT

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

3481.0

kb = 26' @ 3507.0usft
 Northing 426522.00 Easting 790935.00 Latitude 32° 10' 12.055 N Longitude 103° 31' 36.007 W

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1500.0	0.00	0.00	1500.0	0.0	0.0	0.00	0.00	0.0	
3	2425.6	18.51	231.18	2409.6	-92.9	-115.5	2.00	231.18	-48.5	
4	7143.6	18.51	231.18	6883.4	-1032.1	-1282.5	0.00	0.00	-538.3	
5	8069.2	0.00	0.00	7793.0	-1125.0	-1398.0	2.00	180.00	-586.8	
6	10114.7	0.00	0.00	9838.5	-1125.0	-1398.0	0.00	0.00	-586.8	KOP(Dragon 36 State #305H)
7	10335.1	26.46	358.85	10051.2	-1075.0	-1399.0	12.00	358.85	-539.4	FTP(Dragon 36 State #305H)
8	10864.6	90.00	359.59	10315.9	-647.6	-1403.7	12.00	0.82	-135.5	
9	15517.3	90.00	359.59	10316.0	4005.0	-1437.0	0.00	0.00	4255.0	PBHL(Dragon 36 State #305H)

No casing data is available

Name	TVD	+N/-S	+E/-W	Northing	Easting
KOP(Dragon 36 State #305H)	9838.5	-1125.0	-1398.0	425397.00	789537.00
FTP(Dragon 36 State #305H)	10051.2	-1075.0	-1399.0	425447.00	789536.00
PBHL(Dragon 36 State #305H)	10316.0	4005.0	-1437.0	430527.00	789498.00

Lea County, NM (NAD 83 NME)
Dragon 36 State
#307H
OH
Plan #0.1 RT
8:19, August 27 2024



Dragon 36 State 307H

1166' FSL
2448' FWL
Section 36
T-24-S, R-33-E

Revised Wellbore

KB: 3506'
GL: 3481'

API: 30-025-53213

Bit Size: 13"
10-3/4", 40.5#, J-55, STC
@ 0' - 1,320'

Bit Size: 9-7/8"
8-5/8", 32.#, J-55, BTC-SC
@ 0' - 5,589'

Bit Size: 7-7/8" | Bit Size: 6-3/4"
6", 24.5#, P110-EC, VAM Sprint-TC
@ 0' - 9,739'

5-1/2", 20.#, P110-EC, VAM Sprint SF
@ 9,739' - 15,517'

If production Bradenhead is performed, TOC will be
at surface
TOC @ 5,089', if performed conventionally.

KOP: 10,115' MD, 9,839' TVD
EOC: 10,865' MD, 10,316' TVD

Lateral: 15,517' MD, 10,316' TVD
BH Location: 100' FNL & 1041' FWL
Sec. 36
T-24-S R-33-E



Dragon 36 State 307H

Permit Information:

Well Name: Dragon 36 State 307H

Location: SHL: 1166' FSL & 2448' FWL, Section 36, T-24-S, R-33-E, LEA Co., N.M.

BHL: 100' FNL & 1041' FWL, Section 36, T-24-S, R-33-E, LEA Co., N.M.

Casing Program:

Hole Size	Interval MD From (ft) To (ft)		Interval TVD From (ft) To (ft)		Csg OD	Weight	Grade	Conn
13"	0	1,313	0	1,320	10-3/4"	40.5#	J-55	STC
9-7/8"	0	5,589	0	5,281	8-5/8"	32#	J-55	BTC-SC
7-7/8"	0	10,015	0	9,739	6"	24.5#	P110-EC	VAM Sprint-TC
6-3/4"	10,015	15,517	9,739	10,316	5-1/2"	20#	P110-EC	VAM Sprint SF

**For highlighted rows above, variance is requested to run entire string of either or casing string above due to availability.

Cement Program:

Depth	No. Sacks	Wt. ppg	Yld Ft3/sk	Slurry Description
1,313'	290	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)
	100	14.8	1.34	Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate
5,590'	440	12.7	1.11	Tail: Class C + 10% NaCl + 6% Bentonite Gel + 3% MagOx (TOC @ Surface)
	300	14.8	1.5	Lead: Class C + 3% CaCl ₂ + 3% Microbond (TOC @ 4,225')
15,517'	720	10.5	3.21	Lead: Class C + 3% CaCl ₂ + 3% Microbond (TOC @ 5,089')
	650	13.2	1.52	Tail: Class H + 5% NEX-020 + 0.2% NAC-102 + 0.15% NAS-725 + 0.5% NFL-549 + 0.2% NFP-703 + 1% NBE-737 + 0.3% NRT-241

Mud Program:

Section	Depth	Type	Weight (ppg)	Viscosity	Water Loss
Surface	0 – 1,320'	Fresh - Gel	8.6-8.8	28-34	N/c
Intermediate	1,320' – 5,280'	Brine	9.0-10.5	28-34	N/c
Production	5,280' – 15,517' Lateral	Oil Base	8.8-9.5	58-68	N/c - 6



Dragon 36 State 307H

TUBING REQUIREMENTS

EOG respectfully requests an exception to the following NMOCD rule:

- 19.15.16.10 Casing AND TUBING REQUIREMENTS:
J (3): “The operator shall set tubing as near the bottom as practical and tubing perforations shall not be more than 250 feet above top of pay zone.”

With horizontal flowing and gas lifted wells an end of tubing depth placed at or slightly above KOP is a conservative way to ensure the tubing stays clean from debris, plugging, and allows for fewer well interventions post offset completion. The deeper the tubulars are run into the curve, the higher the probability is that the tubing will become stuck in sand and or well debris as the well produces over time. An additional consideration for EOT placement during artificial lift installations is avoiding the high dog leg severity and inclinations found in the curve section of the wellbore to help improve reliability and performance. Dog leg severity and inclinations tend not to hamper gas lifted or flowing wells, but they do effect other forms of artificial lift like rod pump or ESP (electric submersible pump). Keeping the EOT above KOP is an industry best practice for those respective forms of artificial lift.

**Dragon 36 State 307H****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
- c. Two wind socks will be placed in strategic locations, visible from all angles.



■ 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.



**Dragon 36 State #307H
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
NMOCD Inspection Group - South		(575) 626-0830
U.S. Dept. of Labor		(575) 887-1174
EOG Resources, Inc.		
EOG / Midland	Office	(432) 686-3600
Company Drilling Consultants:		
David Dominique	Cell	(985) 518-5839
Mike Vann	Cell	(817) 980-5507
Drilling Engineer		
Stephen Davis	Cell	(432) 235-9789
Matt Day	Cell	(432) 296-4456
Drilling Manager		
Branden Keener	Office	(432) 686-3752
	Cell	(210) 294-3729
Drilling Superintendent		
Steve Kelly	Office	(432) 686-3706
	Cell	(210) 416-7894
H&P Drilling		
H&P Drilling	Office	(432) 563-5757
H&P 651 Drilling Rig	Rig	(903) 509-7131
Tool Pusher:		
Johnathan Craig	Cell	(817) 760-6374
Brad Garrett		
Safety:		
Brian Chandler (HSE Manager)	Office	(432) 686-3695
	Cell	(817) 239-0251

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 379170

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 379170
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	ALL PREVIOUS COA's APPLY	9/5/2024