Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

WELL API NO. 30-025-49598

5. Indicate Type of Lease STATE ☒ FEE ☐

6. State Oil & Gas Lease No. 331808

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.)

7. Lease Name or Unit Agreement Name: Honey Buzzard 35 South State Com

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

8. Well Number 704H

2. Name of Operator: EOG Resources, Inc.

9. OGRID Number 7377

3. Address of Operator: P.O. Box 2267, Midland, Texas 79702

10. Pool name or Wildcat: 98116 WC:025 G-09 S253402N;Wolfcamp

4. Well Location
Unit Letter L : 2304 feet from the South line and 1240 feet from the West line
Section 35 Township 24S Range 34E NMNM Lea County

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3401' GR

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☒	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			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:

Change SHL to T-24-S, R-34-E, Sec 35, 2304' FSL, 1240' FWL, Lea Co., N.M.

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 Star L Harrell TITLE Sr Regulatory Specialist DATE 12/2/2021

Type or print name Star Harrell E-mail address: star_harrell@eogresources.com PHONE: 432-848-9161

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
Conditions of Approval (if any):

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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa 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	[2]Pool Code	[3]Pool Name
30-025-49598	98116	WC-025 G-09 S253402N; Wolfcamp

[4]Property Code	[5]Property Name	[6]Well Number
331808	HONEY BUZZARD 35 SOUTH STATE COM	704H

[7]OGRID No.	[8]Operator Name	[9]Elevation
7377	EOG RESOURCES, INC.	3401'

[10]Surface Location

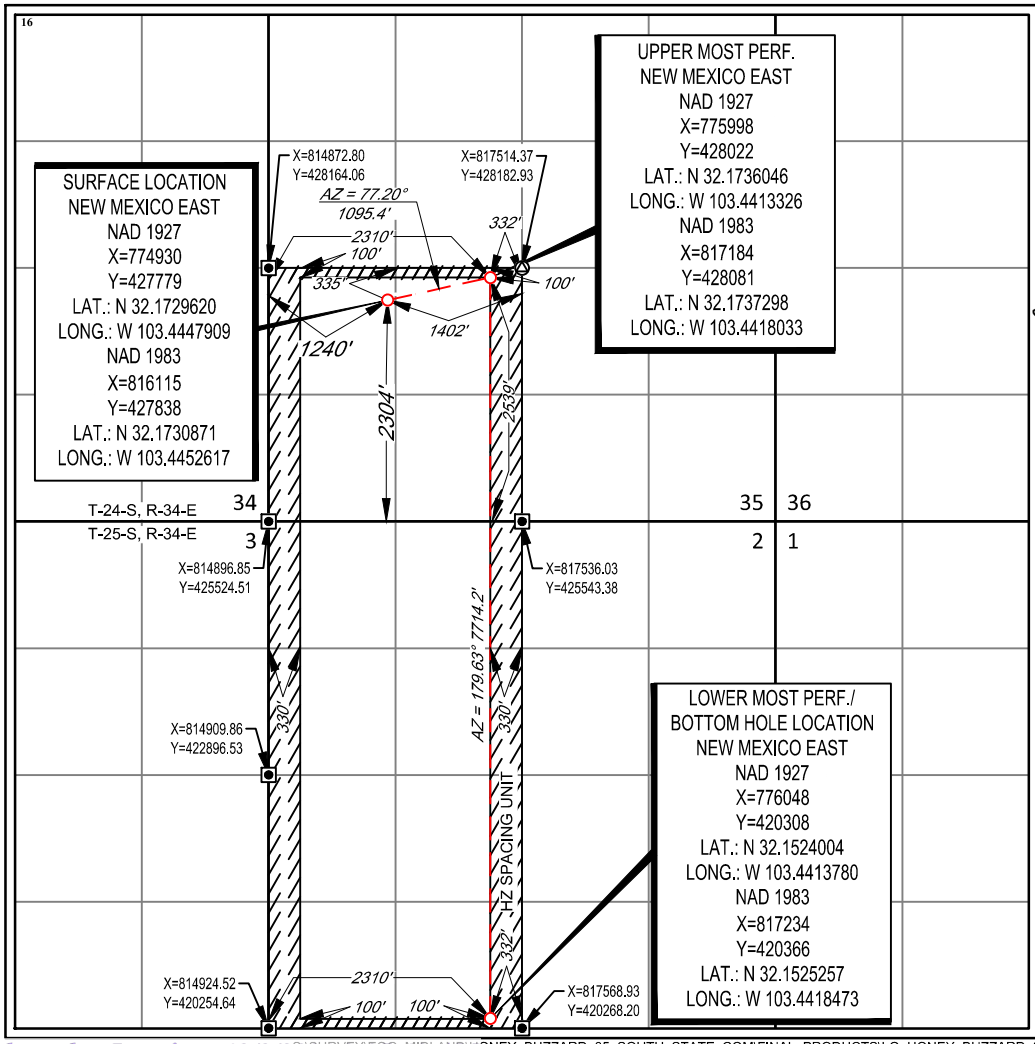
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
~~K~~ L	35	24-S	34-E	-	2304'	SOUTH	1240'	WEST	LEA

[11]Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	2	25-S	34-E	-	100'	SOUTH	2310'	WEST	LEA

[12]Dedicated Acres	[13]Joint or Infill	[14]Consolidation Code	[15]Order No.
479.56			

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.



[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.

Star L Harrell 12/2/2021
Signature Date

Star L Harrell
Printed Name

star_harrell@eogresources.com
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.

10/16/2020
Date of Survey
Signature and Seal of Professional Surveyor

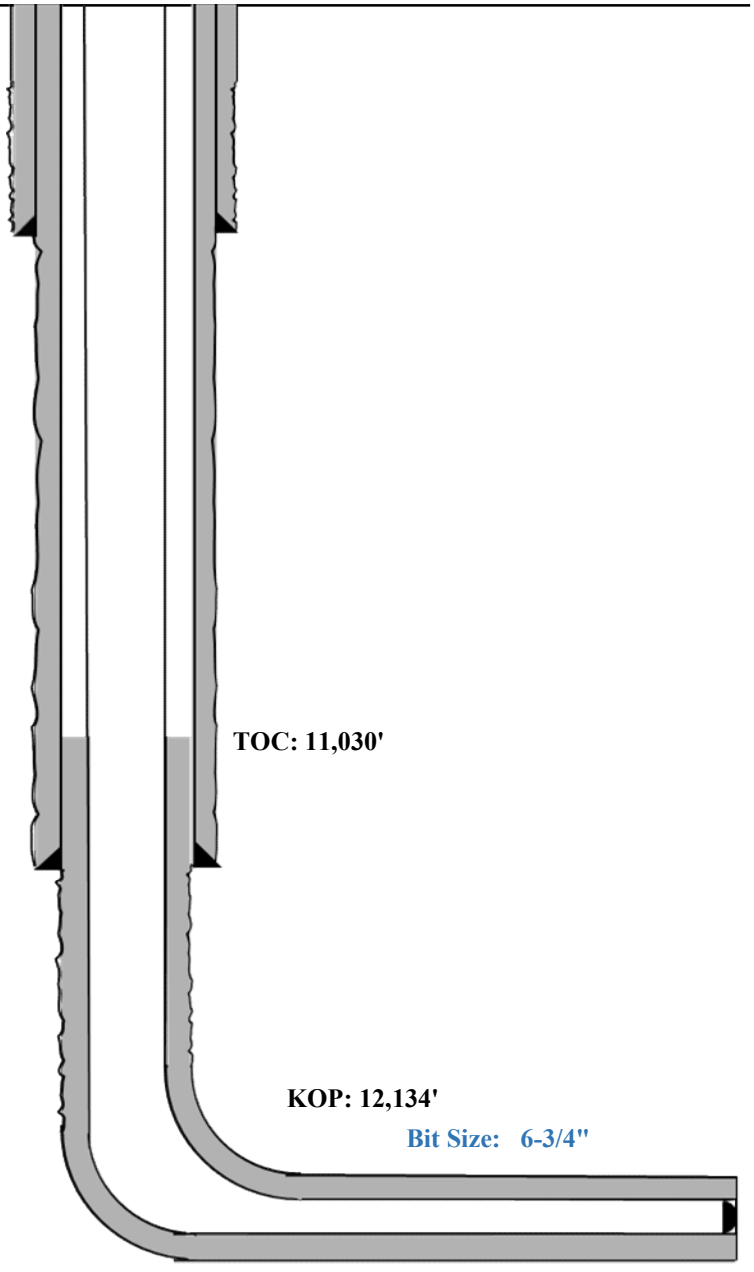
RAMON A. DOMINGUEZ NEW MEXICO 24508 PROFESSIONAL SURVEYOR

Certificate Number

eog resources

Honey Buzzard 35 South State Com #704H
Lea County, New Mexico

2304' FSL	**Revised Wellbore**	**KB: 3426'**
1240' FWL	**Design A**	**GL: 3401'**
Section 35		
T-24-S, R-34-E	**API: 30-025-49598**	



Bit Size: 12-1/4"
9-5/8", 36#, J-55, LTC, 0' - 1,155'

Bit Size: 8-3/4"
7-5/8", 29.7#, HCP-110, FXL, 0' - 11,530'

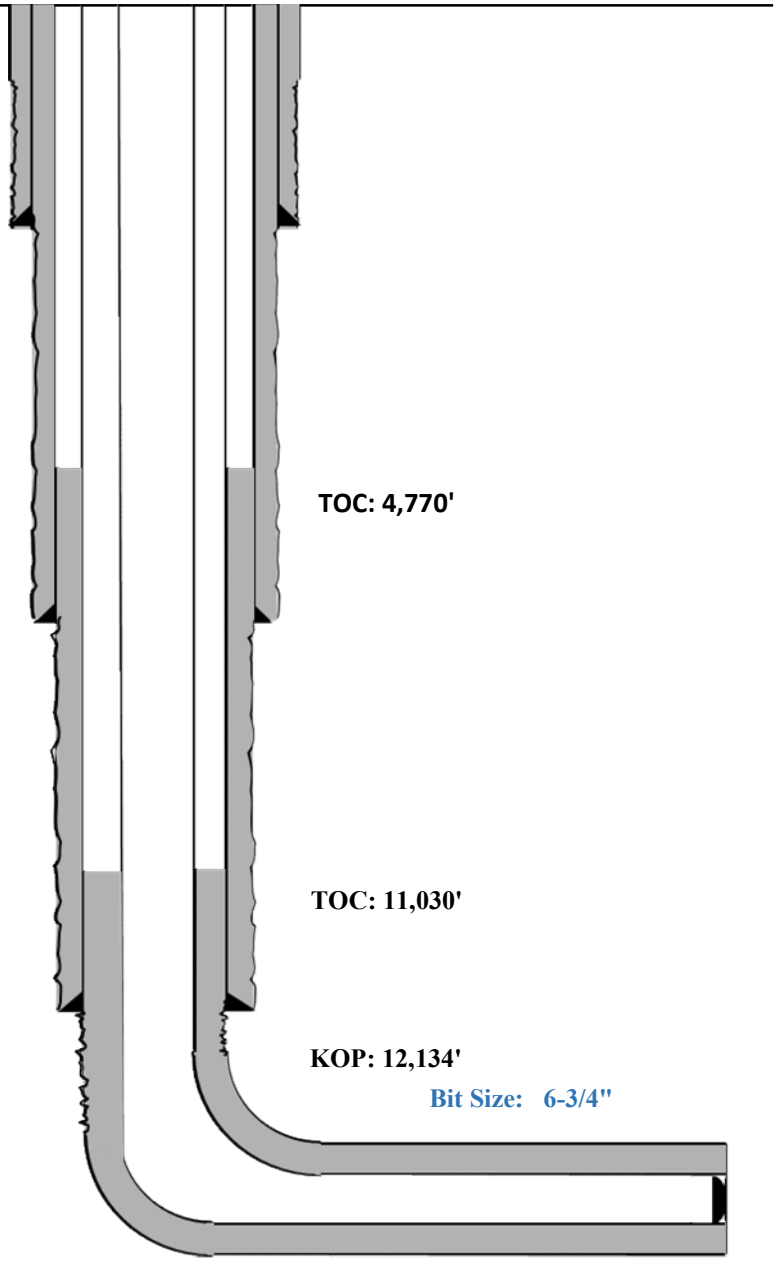
Bit Size: 6-3/4"
5-1/2", 17#, HCP-110, LTC, @ 0' - 20,172'

Lateral: 20,172' MD, 12,515' TVD
BH Location: 100' FSL & 2310' FWL
Sec. 2
T-25-S R-34-E

eog resources

Honey Buzzard 35 South State Com #704H
Lea County, New Mexico

2304' FSL	**Revised Wellbore**	**KB: 3426'**
1240' FWL	**Design B**	**GL: 3401'**
Section 35		
T-24-S, R-34-E	**API: 30-025-49598**	



Bit Size: 16"
13-3/8", 54.5#, J-55, STC, 0' - 1,155'

Bit Size: 12-1/4"
9-5/8" 40.#, J-55, LTC, 0' - 4,000'

9-5/8" 40.#, HCK-55, LTC, 4,000' - 5,270'

TOC: 4,770'

Bit Size: 8-3/4"
7-5/8" 29.7#, HCP-110, FXL, 0' - 11,530'

TOC: 11,030'

Bit Size: 6-3/4"
5-1/2", 17#, HCP-110, LTC, @ 0' - 20,172'

KOP: 12,134'

Bit Size: 6-3/4"

Lateral: 20,172' MD, 12,515' TVD
BH Location: 100' FSL & 2310' FWL
Sec. 2
T-25-S R-34-E

eog resources

Honey Buzzard 35 South State Com #704H

Permit Information:

Well Name: Honey Buzzard 35 South State Com #704H

Location:

SHL: 2304' FSL & 1240' FWL, Section 35, T-24-S, R-34-E, Lea Co., N.M.

BHL: 100' FSL & 2310' FWL, Section 2, T-25-S, R-34-E, Lea Co., N.M.

Design A

Casing Program:

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DFmin Collapse	DFmin Burst	Dfmin Tension
12.25"	0' - 1,155'	9.625"	36#	J-55	LTC	1.125	1.25	1.6
8.75"	0' - 11,530'	7.625"	29.7#	HCP-110	FXL	1.125	1.25	1.6
6.75"	0' - 20,172'	5.5"	17#	HCP-110	LTC	1.125	1.25	1.6

Cement Program:

Depth	No. Sacks	Wt. ppg	Yld Ft3/sk	Slurry Description
1,155'	320	13.5	1.73	Class C + 4.0% Bentonite + 0.6% CD-32 + 0.5% CaCl2 + 0.25 lb/sk Cello-Flake (TOC @ Surface)
	80	14.8	1.34	Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate
11,530'	440	14.2	1.11	1st Stage (Tail): Class C + 5% Salt (TOC @ 7,840')
	1340	14.8	1.5	2nd Stage (Bradenhead squeeze): Class C + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (TOC @ surface)
20,172'	790	14.2	1.31	Class H + 0.1% C-20 + 0.05% CSA-1000 + 0.20% C-49 + 0.40% C-17 (TOC @ 11,030')

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 1,155'	Fresh - Gel	8.6-8.8	28-34	N/c
1,155' – 11,530'	Brine	10.0-10.2	28-34	N/c
11,530' – 12,134'	Oil Base	8.7-9.4	58-68	N/c - 6
12,134' – 20,172' Lateral	Oil Base	10.0-14.0	58-68	4 - 6

eog resources

Honey Buzzard 35 South State Com #704H

Design B

CASING PROGRAM

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DFmin Collapse	DFmin Burst	DFmin Tension
16"	0' - 1,155'	13.375"	54.5#	J-55	STC	1.125	1.25	1.6
12.25"	0' - 4,000'	9.625"	40#	J-55	LTC	1.125	1.25	1.6
12.25"	4000' - 5270'	9.625"	40#	HCK-55	LTC	1.125	1.25	1.6
8.75"	0' - 11,530'	7.625"	29.7#	HCP-110	FXL	1.125	1.25	1.6
6.75"	0' - 20,172'	5.5"	17#	HCP-110	LTC	1.125	1.25	1.6

Cementing Program:

Depth	No. Sacks	Wt. ppg	Yld Ft3/sk	Slurry Description
1,155'	350	13.5	1.73	Lead: Class C + 4.0% Bentonite Gel + 2.0% CaCl2 (TOC @ Surface)
	100	14.8	1.34	Tail: Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate + 2.0% KCl (1.06 lb/sk)
5,270'	770	12.7	2.22	Lead: Class C + 0.15% C-20 + 11.63 pps Salt + 0.1% C-51 + 0.75% C-41P (TOC @ Surface)
	330	10.8	1.32	Tail: Class C + 0.13% C-20
11,530'	200	14.8	3.67	Lead: Class H + 0.40% D013 + 0.20% D046 + 0.10% D065 + 0.20% D167 (TOC @ 4,770')
	100	14.8	2.38	Tail: Class H + 94.0 pps D909 + 0.25% D065 + 0.30% D167 + 0.02% D208 + 0.15% D800 (TOC @ 10,025')
20,172'	790	14.8	1.31	Class H + 0.1% C-20 + 0.05% CSA-1000 + 0.20% C-49 + 0.40% C-17 (TOC @ 11,025')

As a contingency, EOG requests to pump a two stage cement job on the 5-1/2" intermediate casing string with the first stage being pumped conventionally with the calculated top of cement at the Brushy Canyon (8,040') and the second stage performed as a bradenhead squeeze with planned cement from the Brushy Canyon to surface. If necessary, a top out consisting of 1,340 sacks of Class C cement + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (1.5 yld, 14.8 ppg) will be executed.

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 1,155'	Fresh - Gel	8.6-8.8	28-34	N/c
1,155' – 5,270'	Brine	10.0-10.2	28-34	N/c
5,270' – 11,530'	Oil Base	8.7-9.4	58-68	N/c - 6
11,530' – 20,172' Lateral	Oil Base	10.0-14.0	58-68	4 - 6

eog resources

Honey Buzzard 35 South State Com #704H

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/Escape 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

Honey Buzzard 35 South State Com #704H

- 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.

eog resources

Honey Buzzard 35 South State Com #704H

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
Company Drilling Consultants:		
David Dominque	Cell	(985) 518-5839
Mike Vann	Cell	(817) 980-5507
Drilling Engineer		
Esteban Del Valle	Cell	(432) 269-7063
Daniel Moose	Cell	(432) 312-2803
Drilling Manager		
Aj Dach	Office	(432) 686-3751
	Cell	(817) 480-1167
Drilling Superintendent		
Jason Townsend	Office	(432) 848-9209
	Cell	(210) 776-5131
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

Midland

Lea County, NM (NAD 83 NME)
Honey Buzzard 35 South State Com
#704H

OH

Plan: Plan #0.2

Standard Planning Report

30 November, 2021

eog resources

EOG Resources
Planning Report

Database:	PEDM	**Local Co-ordinate Reference:**	Well #704H
Company:	Midland	**TVD Reference:**	kb = 26' @ 3427.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	kb = 26' @ 3427.0usft
Site:	Honey Buzzard 35 South State Com	**North Reference:**	Grid
Well:	#704H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.2		

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 Honey Buzzard 35 South State Com

Site Position:		**Northing:**	427,838.00 usft	**Latitude:**	32° 10' 23.118 N
From:	Map	**Easting:**	816,070.00 usft	**Longitude:**	103° 26' 43.471 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "		

Well #704H

Well Position	**+N/-S**	0.0 usft	**Northing:**	427,838.00 usft	**Latitude:**	32° 10' 23.114 N
	+E/-W	0.0 usft	**Easting:**	816,115.00 usft	**Longitude:**	103° 26' 42.948 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**	usft	**Ground Level:**	3,401.0 usft
Grid Convergence:		0.47 °				

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	11/19/2021	6.43	59.86	47,432.06315433

Design Plan #0.2

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	171.48

Plan Survey Tool Program **Date** 11/30/2021

	Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	20,172.1	Plan #0.2 (OH)	EOG MWD+IFR1	
				MWD + IFR1	

eog resources

EOG Resources

Planning Report

Database:	PEDM	**Local Co-ordinate Reference:**	Well #704H
Company:	Midland	**TVD Reference:**	kb = 26' @ 3427.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	kb = 26' @ 3427.0usft
Site:	Honey Buzzard 35 South State Com	**North Reference:**	Grid
Well:	#704H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.2		

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	
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,913.7	10.27	74.67	1,911.0	12.1	44.3	2.00	2.00	0.00	74.67	
7,613.2	10.27	74.67	7,519.0	280.9	1,024.7	0.00	0.00	0.00	0.00	
8,126.9	0.00	0.00	8,030.0	293.0	1,069.0	2.00	-2.00	0.00	180.00	
12,134.4	0.00	0.00	12,037.5	293.0	1,069.0	0.00	0.00	0.00	0.00	KOP(Honey Buzzard
12,354.8	26.46	180.00	12,250.2	243.0	1,069.0	12.00	12.00	81.65	180.00	FTP(Honey Buzzard 3
12,884.4	90.00	179.62	12,514.9	-184.5	1,070.9	12.00	12.00	-0.07	-0.42	
20,172.1	90.00	179.62	12,515.0	-7,472.0	1,119.0	0.00	0.00	0.00	0.00	PBHL(Honey Buzzarc

eog resources

EOG Resources

Planning Report

Database:	PEDM	**Local Co-ordinate Reference:**	Well #704H
Company:	Midland	**TVD Reference:**	kb = 26' @ 3427.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	kb = 26' @ 3427.0usft
Site:	Honey Buzzard 35 South State Com	**North Reference:**	Grid
Well:	#704H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.2		

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	2.00	74.67	1,500.0	0.5	1.7	-0.2	2.00	2.00	0.00
1,600.0	4.00	74.67	1,599.8	1.8	6.7	-0.8	2.00	2.00	0.00
1,700.0	6.00	74.67	1,699.5	4.1	15.1	-1.9	2.00	2.00	0.00
1,800.0	8.00	74.67	1,798.7	7.4	26.9	-3.3	2.00	2.00	0.00
1,900.0	10.00	74.67	1,897.5	11.5	42.0	-5.2	2.00	2.00	0.00
1,913.7	10.27	74.67	1,911.0	12.1	44.3	-5.4	2.00	2.00	0.00
2,000.0	10.27	74.67	1,995.9	16.2	59.1	-7.3	0.00	0.00	0.00
2,100.0	10.27	74.67	2,094.3	20.9	76.3	-9.4	0.00	0.00	0.00
2,200.0	10.27	74.67	2,192.7	25.6	93.5	-11.5	0.00	0.00	0.00
2,300.0	10.27	74.67	2,291.1	30.4	110.7	-13.6	0.00	0.00	0.00
2,400.0	10.27	74.67	2,389.5	35.1	128.0	-15.7	0.00	0.00	0.00
2,500.0	10.27	74.67	2,487.9	39.8	145.2	-17.8	0.00	0.00	0.00
2,600.0	10.27	74.67	2,586.2	44.5	162.4	-20.0	0.00	0.00	0.00
2,700.0	10.27	74.67	2,684.6	49.2	179.6	-22.1	0.00	0.00	0.00
2,800.0	10.27	74.67	2,783.0	53.9	196.8	-24.2	0.00	0.00	0.00
2,900.0	10.27	74.67	2,881.4	58.6	214.0	-26.3	0.00	0.00	0.00
3,000.0	10.27	74.67	2,979.8	63.4	231.2	-28.4	0.00	0.00	0.00
3,100.0	10.27	74.67	3,078.2	68.1	248.4	-30.5	0.00	0.00	0.00
3,200.0	10.27	74.67	3,176.6	72.8	265.6	-32.7	0.00	0.00	0.00
3,300.0	10.27	74.67	3,275.0	77.5	282.8	-34.8	0.00	0.00	0.00
3,400.0	10.27	74.67	3,373.4	82.2	300.0	-36.9	0.00	0.00	0.00
3,500.0	10.27	74.67	3,471.8	86.9	317.2	-39.0	0.00	0.00	0.00
3,600.0	10.27	74.67	3,570.2	91.6	334.4	-41.1	0.00	0.00	0.00
3,700.0	10.27	74.67	3,668.6	96.4	351.6	-43.2	0.00	0.00	0.00
3,800.0	10.27	74.67	3,767.0	101.1	368.8	-45.3	0.00	0.00	0.00
3,900.0	10.27	74.67	3,865.4	105.8	386.0	-47.5	0.00	0.00	0.00
4,000.0	10.27	74.67	3,963.8	110.5	403.2	-49.6	0.00	0.00	0.00
4,100.0	10.27	74.67	4,062.2	115.2	420.4	-51.7	0.00	0.00	0.00
4,200.0	10.27	74.67	4,160.6	119.9	437.6	-53.8	0.00	0.00	0.00
4,300.0	10.27	74.67	4,259.0	124.6	454.8	-55.9	0.00	0.00	0.00
4,400.0	10.27	74.67	4,357.4	129.4	472.0	-58.0	0.00	0.00	0.00
4,500.0	10.27	74.67	4,455.8	134.1	489.2	-60.1	0.00	0.00	0.00
4,600.0	10.27	74.67	4,554.2	138.8	506.4	-62.3	0.00	0.00	0.00
4,700.0	10.27	74.67	4,652.6	143.5	523.6	-64.4	0.00	0.00	0.00
4,800.0	10.27	74.67	4,751.0	148.2	540.8	-66.5	0.00	0.00	0.00
4,900.0	10.27	74.67	4,849.4	152.9	558.0	-68.6	0.00	0.00	0.00
5,000.0	10.27	74.67	4,947.8	157.7	575.2	-70.7	0.00	0.00	0.00
5,100.0	10.27	74.67	5,046.2	162.4	592.4	-72.8	0.00	0.00	0.00
5,200.0	10.27	74.67	5,144.6	167.1	609.6	-75.0	0.00	0.00	0.00

eog resources

EOG Resources

Planning Report

Database:	PEDM	**Local Co-ordinate Reference:**	Well #704H
Company:	Midland	**TVD Reference:**	kb = 26' @ 3427.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	kb = 26' @ 3427.0usft
Site:	Honey Buzzard 35 South State Com	**North Reference:**	Grid
Well:	#704H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.2		

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	10.27	74.67	5,243.0	171.8	626.8	-77.1	0.00	0.00	0.00
5,400.0	10.27	74.67	5,341.3	176.5	644.0	-79.2	0.00	0.00	0.00
5,500.0	10.27	74.67	5,439.7	181.2	661.2	-81.3	0.00	0.00	0.00
5,600.0	10.27	74.67	5,538.1	185.9	678.4	-83.4	0.00	0.00	0.00
5,700.0	10.27	74.67	5,636.5	190.7	695.6	-85.5	0.00	0.00	0.00
5,800.0	10.27	74.67	5,734.9	195.4	712.8	-87.6	0.00	0.00	0.00
5,900.0	10.27	74.67	5,833.3	200.1	730.0	-89.8	0.00	0.00	0.00
6,000.0	10.27	74.67	5,931.7	204.8	747.2	-91.9	0.00	0.00	0.00
6,100.0	10.27	74.67	6,030.1	209.5	764.4	-94.0	0.00	0.00	0.00
6,200.0	10.27	74.67	6,128.5	214.2	781.6	-96.1	0.00	0.00	0.00
6,300.0	10.27	74.67	6,226.9	218.9	798.8	-98.2	0.00	0.00	0.00
6,400.0	10.27	74.67	6,325.3	223.7	816.0	-100.3	0.00	0.00	0.00
6,500.0	10.27	74.67	6,423.7	228.4	833.2	-102.5	0.00	0.00	0.00
6,600.0	10.27	74.67	6,522.1	233.1	850.4	-104.6	0.00	0.00	0.00
6,700.0	10.27	74.67	6,620.5	237.8	867.6	-106.7	0.00	0.00	0.00
6,800.0	10.27	74.67	6,718.9	242.5	884.8	-108.8	0.00	0.00	0.00
6,900.0	10.27	74.67	6,817.3	247.2	902.0	-110.9	0.00	0.00	0.00
7,000.0	10.27	74.67	6,915.7	251.9	919.2	-113.0	0.00	0.00	0.00
7,100.0	10.27	74.67	7,014.1	256.7	936.4	-115.1	0.00	0.00	0.00
7,200.0	10.27	74.67	7,112.5	261.4	953.6	-117.3	0.00	0.00	0.00
7,300.0	10.27	74.67	7,210.9	266.1	970.8	-119.4	0.00	0.00	0.00
7,400.0	10.27	74.67	7,309.3	270.8	988.0	-121.5	0.00	0.00	0.00
7,500.0	10.27	74.67	7,407.7	275.5	1,005.2	-123.6	0.00	0.00	0.00
7,600.0	10.27	74.67	7,506.1	280.2	1,022.4	-125.7	0.00	0.00	0.00
7,613.2	10.27	74.67	7,519.0	280.9	1,024.7	-126.0	0.00	0.00	0.00
7,700.0	8.54	74.67	7,604.7	284.6	1,038.4	-127.7	2.00	-2.00	0.00
7,800.0	6.54	74.67	7,703.8	288.1	1,051.0	-129.2	2.00	-2.00	0.00
7,900.0	4.54	74.67	7,803.4	290.6	1,060.3	-130.4	2.00	-2.00	0.00
8,000.0	2.54	74.67	7,903.2	292.3	1,066.3	-131.1	2.00	-2.00	0.00
8,100.0	0.54	74.67	8,003.1	293.0	1,068.9	-131.4	2.00	-2.00	0.00
8,126.9	0.00	0.00	8,030.0	293.0	1,069.0	-131.4	2.00	-2.00	0.00
8,200.0	0.00	0.00	8,103.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
8,300.0	0.00	0.00	8,203.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
8,400.0	0.00	0.00	8,303.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
8,500.0	0.00	0.00	8,403.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
8,600.0	0.00	0.00	8,503.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
8,700.0	0.00	0.00	8,603.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
8,800.0	0.00	0.00	8,703.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
8,900.0	0.00	0.00	8,803.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
9,000.0	0.00	0.00	8,903.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
9,100.0	0.00	0.00	9,003.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
9,200.0	0.00	0.00	9,103.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
9,300.0	0.00	0.00	9,203.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
9,400.0	0.00	0.00	9,303.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
9,500.0	0.00	0.00	9,403.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
9,600.0	0.00	0.00	9,503.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
9,700.0	0.00	0.00	9,603.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
9,800.0	0.00	0.00	9,703.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
9,900.0	0.00	0.00	9,803.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
10,000.0	0.00	0.00	9,903.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
10,100.0	0.00	0.00	10,003.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
10,200.0	0.00	0.00	10,103.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
10,300.0	0.00	0.00	10,203.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
10,400.0	0.00	0.00	10,303.1	293.0	1,069.0	-131.4	0.00	0.00	0.00

eog resources

EOG Resources

Planning Report

Database:	PEDM	**Local Co-ordinate Reference:**	Well #704H
Company:	Midland	**TVD Reference:**	kb = 26' @ 3427.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	kb = 26' @ 3427.0usft
Site:	Honey Buzzard 35 South State Com	**North Reference:**	Grid
Well:	#704H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.2		

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)
10,500.0	0.00	0.00	10,403.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
10,600.0	0.00	0.00	10,503.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
10,700.0	0.00	0.00	10,603.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
10,800.0	0.00	0.00	10,703.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
10,900.0	0.00	0.00	10,803.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
11,000.0	0.00	0.00	10,903.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
11,100.0	0.00	0.00	11,003.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
11,200.0	0.00	0.00	11,103.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
11,300.0	0.00	0.00	11,203.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
11,400.0	0.00	0.00	11,303.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
11,500.0	0.00	0.00	11,403.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
11,600.0	0.00	0.00	11,503.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
11,700.0	0.00	0.00	11,603.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
11,800.0	0.00	0.00	11,703.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
11,900.0	0.00	0.00	11,803.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
12,000.0	0.00	0.00	11,903.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
12,100.0	0.00	0.00	12,003.1	293.0	1,069.0	-131.4	0.00	0.00	0.00
12,134.4	0.00	0.00	12,037.5	293.0	1,069.0	-131.4	0.00	0.00	0.00
12,150.0	1.87	180.00	12,053.1	292.7	1,069.0	-131.2	12.00	12.00	0.00
12,175.0	4.87	180.00	12,078.1	291.3	1,069.0	-129.7	12.00	12.00	0.00
12,200.0	7.87	180.00	12,102.9	288.5	1,069.0	-127.0	12.00	12.00	0.00
12,225.0	10.87	180.00	12,127.6	284.4	1,069.0	-123.0	12.00	12.00	0.00
12,250.0	13.88	180.00	12,152.0	279.1	1,069.0	-117.7	12.00	12.00	0.00
12,275.0	16.88	180.00	12,176.1	272.4	1,069.0	-111.1	12.00	12.00	0.00
12,300.0	19.88	180.00	12,199.8	264.6	1,069.0	-103.3	12.00	12.00	0.00
12,325.0	22.88	180.00	12,223.1	255.5	1,069.0	-94.3	12.00	12.00	0.00
12,350.0	25.88	180.00	12,245.9	245.1	1,069.0	-84.1	12.00	12.00	0.00
12,354.8	26.46	180.00	12,250.2	243.0	1,069.0	-82.0	12.00	12.00	0.00
12,375.0	28.88	179.96	12,268.1	233.6	1,069.0	-72.7	12.00	12.00	-0.18
12,400.0	31.88	179.92	12,289.6	221.0	1,069.0	-60.2	12.00	12.00	-0.15
12,425.0	34.88	179.89	12,310.5	207.2	1,069.0	-46.6	12.00	12.00	-0.13
12,450.0	37.88	179.86	12,330.6	192.4	1,069.1	-32.0	12.00	12.00	-0.11
12,475.0	40.88	179.84	12,349.9	176.6	1,069.1	-16.3	12.00	12.00	-0.10
12,500.0	43.88	179.82	12,368.4	159.7	1,069.2	0.4	12.00	12.00	-0.09
12,525.0	46.88	179.80	12,386.0	141.9	1,069.2	18.0	12.00	12.00	-0.08
12,550.0	49.88	179.78	12,402.6	123.2	1,069.3	36.5	12.00	12.00	-0.07
12,575.0	52.88	179.76	12,418.2	103.7	1,069.4	55.8	12.00	12.00	-0.06
12,600.0	55.88	179.75	12,432.7	83.4	1,069.5	75.9	12.00	12.00	-0.06
12,625.0	58.88	179.74	12,446.2	62.3	1,069.5	96.8	12.00	12.00	-0.06
12,650.0	61.88	179.72	12,458.6	40.6	1,069.7	118.3	12.00	12.00	-0.05
12,675.0	64.88	179.71	12,469.8	18.3	1,069.8	140.4	12.00	12.00	-0.05
12,700.0	67.88	179.70	12,479.8	-4.6	1,069.9	163.0	12.00	12.00	-0.05
12,725.0	70.88	179.69	12,488.6	-28.0	1,070.0	186.2	12.00	12.00	-0.04
12,750.0	73.88	179.68	12,496.2	-51.9	1,070.1	209.8	12.00	12.00	-0.04
12,775.0	76.88	179.67	12,502.5	-76.0	1,070.3	233.7	12.00	12.00	-0.04
12,800.0	79.88	179.66	12,507.5	-100.5	1,070.4	258.0	12.00	12.00	-0.04
12,825.0	82.88	179.65	12,511.3	-125.2	1,070.6	282.4	12.00	12.00	-0.04
12,850.0	85.88	179.64	12,513.7	-150.1	1,070.7	307.0	12.00	12.00	-0.04
12,875.0	88.88	179.63	12,514.9	-175.1	1,070.9	331.8	12.00	12.00	-0.04
12,884.4	90.00	179.62	12,514.9	-184.5	1,070.9	341.0	12.00	12.00	-0.04
12,900.0	90.00	179.62	12,514.9	-200.1	1,071.1	356.5	0.00	0.00	0.00
13,000.0	90.00	179.62	12,514.9	-300.1	1,071.7	455.5	0.00	0.00	0.00
13,100.0	90.00	179.62	12,514.9	-400.1	1,072.4	554.5	0.00	0.00	0.00
13,200.0	90.00	179.62	12,514.9	-500.1	1,073.0	653.5	0.00	0.00	0.00

eog resources

EOG Resources

Planning Report

Database:	PEDM	**Local Co-ordinate Reference:**	Well #704H
Company:	Midland	**TVD Reference:**	kb = 26' @ 3427.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	kb = 26' @ 3427.0usft
Site:	Honey Buzzard 35 South State Com	**North Reference:**	Grid
Well:	#704H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.2		

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	179.62	12,514.9	-600.1	1,073.7	752.5	0.00	0.00	0.00
13,400.0	90.00	179.62	12,514.9	-700.1	1,074.3	851.5	0.00	0.00	0.00
13,500.0	90.00	179.62	12,514.9	-800.1	1,075.0	950.5	0.00	0.00	0.00
13,600.0	90.00	179.62	12,515.0	-900.1	1,075.7	1,049.5	0.00	0.00	0.00
13,700.0	90.00	179.62	12,515.0	-1,000.1	1,076.3	1,148.5	0.00	0.00	0.00
13,800.0	90.00	179.62	12,515.0	-1,100.1	1,077.0	1,247.4	0.00	0.00	0.00
13,900.0	90.00	179.62	12,515.0	-1,200.1	1,077.6	1,346.4	0.00	0.00	0.00
14,000.0	90.00	179.62	12,515.0	-1,300.1	1,078.3	1,445.4	0.00	0.00	0.00
14,100.0	90.00	179.62	12,515.0	-1,400.1	1,079.0	1,544.4	0.00	0.00	0.00
14,200.0	90.00	179.62	12,515.0	-1,500.1	1,079.6	1,643.4	0.00	0.00	0.00
14,300.0	90.00	179.62	12,515.0	-1,600.1	1,080.3	1,742.4	0.00	0.00	0.00
14,400.0	90.00	179.62	12,515.0	-1,700.1	1,080.9	1,841.4	0.00	0.00	0.00
14,500.0	90.00	179.62	12,515.0	-1,800.1	1,081.6	1,940.4	0.00	0.00	0.00
14,600.0	90.00	179.62	12,515.0	-1,900.1	1,082.3	2,039.4	0.00	0.00	0.00
14,700.0	90.00	179.62	12,515.0	-2,000.1	1,082.9	2,138.4	0.00	0.00	0.00
14,800.0	90.00	179.62	12,515.0	-2,100.0	1,083.6	2,237.4	0.00	0.00	0.00
14,900.0	90.00	179.62	12,515.0	-2,200.0	1,084.2	2,336.4	0.00	0.00	0.00
15,000.0	90.00	179.62	12,515.0	-2,300.0	1,084.9	2,435.4	0.00	0.00	0.00
15,100.0	90.00	179.62	12,515.0	-2,400.0	1,085.6	2,534.4	0.00	0.00	0.00
15,200.0	90.00	179.62	12,515.0	-2,500.0	1,086.2	2,633.3	0.00	0.00	0.00
15,300.0	90.00	179.62	12,515.0	-2,600.0	1,086.9	2,732.3	0.00	0.00	0.00
15,400.0	90.00	179.62	12,515.0	-2,700.0	1,087.5	2,831.3	0.00	0.00	0.00
15,500.0	90.00	179.62	12,515.0	-2,800.0	1,088.2	2,930.3	0.00	0.00	0.00
15,600.0	90.00	179.62	12,515.0	-2,900.0	1,088.9	3,029.3	0.00	0.00	0.00
15,700.0	90.00	179.62	12,515.0	-3,000.0	1,089.5	3,128.3	0.00	0.00	0.00
15,800.0	90.00	179.62	12,515.0	-3,100.0	1,090.2	3,227.3	0.00	0.00	0.00
15,900.0	90.00	179.62	12,515.0	-3,200.0	1,090.8	3,326.3	0.00	0.00	0.00
16,000.0	90.00	179.62	12,515.0	-3,300.0	1,091.5	3,425.3	0.00	0.00	0.00
16,100.0	90.00	179.62	12,515.0	-3,400.0	1,092.2	3,524.3	0.00	0.00	0.00
16,200.0	90.00	179.62	12,515.0	-3,500.0	1,092.8	3,623.3	0.00	0.00	0.00
16,300.0	90.00	179.62	12,515.0	-3,600.0	1,093.5	3,722.3	0.00	0.00	0.00
16,400.0	90.00	179.62	12,515.0	-3,700.0	1,094.1	3,821.3	0.00	0.00	0.00
16,500.0	90.00	179.62	12,515.0	-3,800.0	1,094.8	3,920.2	0.00	0.00	0.00
16,600.0	90.00	179.62	12,515.0	-3,900.0	1,095.4	4,019.2	0.00	0.00	0.00
16,700.0	90.00	179.62	12,515.0	-4,000.0	1,096.1	4,118.2	0.00	0.00	0.00
16,800.0	90.00	179.62	12,515.0	-4,100.0	1,096.8	4,217.2	0.00	0.00	0.00
16,900.0	90.00	179.62	12,515.0	-4,200.0	1,097.4	4,316.2	0.00	0.00	0.00
17,000.0	90.00	179.62	12,515.0	-4,300.0	1,098.1	4,415.2	0.00	0.00	0.00
17,100.0	90.00	179.62	12,515.0	-4,400.0	1,098.7	4,514.2	0.00	0.00	0.00
17,200.0	90.00	179.62	12,515.0	-4,500.0	1,099.4	4,613.2	0.00	0.00	0.00
17,300.0	90.00	179.62	12,515.0	-4,600.0	1,100.1	4,712.2	0.00	0.00	0.00
17,400.0	90.00	179.62	12,515.0	-4,700.0	1,100.7	4,811.2	0.00	0.00	0.00
17,500.0	90.00	179.62	12,515.0	-4,800.0	1,101.4	4,910.2	0.00	0.00	0.00
17,600.0	90.00	179.62	12,515.0	-4,900.0	1,102.0	5,009.2	0.00	0.00	0.00
17,700.0	90.00	179.62	12,515.0	-5,000.0	1,102.7	5,108.2	0.00	0.00	0.00
17,800.0	90.00	179.62	12,515.0	-5,100.0	1,103.4	5,207.2	0.00	0.00	0.00
17,900.0	90.00	179.62	12,515.0	-5,200.0	1,104.0	5,306.1	0.00	0.00	0.00
18,000.0	90.00	179.62	12,515.0	-5,300.0	1,104.7	5,405.1	0.00	0.00	0.00
18,100.0	90.00	179.62	12,515.0	-5,400.0	1,105.3	5,504.1	0.00	0.00	0.00
18,200.0	90.00	179.62	12,515.0	-5,500.0	1,106.0	5,603.1	0.00	0.00	0.00
18,300.0	90.00	179.62	12,515.0	-5,600.0	1,106.7	5,702.1	0.00	0.00	0.00
18,400.0	90.00	179.62	12,515.0	-5,700.0	1,107.3	5,801.1	0.00	0.00	0.00
18,500.0	90.00	179.62	12,515.0	-5,800.0	1,108.0	5,900.1	0.00	0.00	0.00
18,600.0	90.00	179.62	12,515.0	-5,900.0	1,108.6	5,999.1	0.00	0.00	0.00

eog resources

EOG Resources

Planning Report

Database:	PEDM	**Local Co-ordinate Reference:**	Well #704H
Company:	Midland	**TVD Reference:**	kb = 26' @ 3427.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	kb = 26' @ 3427.0usft
Site:	Honey Buzzard 35 South State Com	**North Reference:**	Grid
Well:	#704H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.2		

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)
18,700.0	90.00	179.62	12,515.0	-6,000.0	1,109.3	6,098.1	0.00	0.00	0.00
18,800.0	90.00	179.62	12,515.0	-6,100.0	1,110.0	6,197.1	0.00	0.00	0.00
18,900.0	90.00	179.62	12,515.0	-6,200.0	1,110.6	6,296.1	0.00	0.00	0.00
19,000.0	90.00	179.62	12,515.0	-6,300.0	1,111.3	6,395.1	0.00	0.00	0.00
19,100.0	90.00	179.62	12,515.0	-6,400.0	1,111.9	6,494.1	0.00	0.00	0.00
19,200.0	90.00	179.62	12,515.0	-6,500.0	1,112.6	6,593.1	0.00	0.00	0.00
19,300.0	90.00	179.62	12,515.0	-6,600.0	1,113.3	6,692.0	0.00	0.00	0.00
19,400.0	90.00	179.62	12,515.0	-6,699.9	1,113.9	6,791.0	0.00	0.00	0.00
19,500.0	90.00	179.62	12,515.0	-6,799.9	1,114.6	6,890.0	0.00	0.00	0.00
19,600.0	90.00	179.62	12,515.0	-6,899.9	1,115.2	6,989.0	0.00	0.00	0.00
19,700.0	90.00	179.62	12,515.0	-6,999.9	1,115.9	7,088.0	0.00	0.00	0.00
19,800.0	90.00	179.62	12,515.0	-7,099.9	1,116.5	7,187.0	0.00	0.00	0.00
19,900.0	90.00	179.62	12,515.0	-7,199.9	1,117.2	7,286.0	0.00	0.00	0.00
20,000.0	90.00	179.62	12,515.0	-7,299.9	1,117.9	7,385.0	0.00	0.00	0.00
20,100.0	90.00	179.62	12,515.0	-7,399.9	1,118.5	7,484.0	0.00	0.00	0.00
20,172.1	90.00	179.62	12,515.0	-7,472.0	1,119.0	7,555.3	0.00	0.00	0.00

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
KOP(Honey Buzzard 35 - plan hits target center - Point	0.00	0.00	12,037.5	293.0	1,069.0	428,131.00	817,184.00	32° 10' 25.926 N	103° 26' 30.483 W
FTP(Honey Buzzard 35 - plan hits target center - Point	0.00	0.00	12,250.2	243.0	1,069.0	428,081.00	817,184.00	32° 10' 25.431 N	103° 26' 30.488 W
PBHL(Honey Buzzard 3! - plan hits target center - Point	0.00	0.00	12,515.0	-7,472.0	1,119.0	420,366.00	817,234.00	32° 9' 9.088 N	103° 26' 30.650 W

Lea County, NM (NAD 83 NME)

Honey Buzzard 35 South State Com #704H

Plan #0.2

Azimuths to Grid North
True North: -0.47°
Magnetic North: 5.96°

Magnetic Field
Strength: 47432.1nT
Dip Angle: 59.86°
Date: 11/19/2021
Model: IGRF2020

To convert a Magnetic Direction to a Grid Direction, Add 5.96°
To convert a Magnetic Direction to a True Direction, Add 6.43° East
To convert a True Direction to a Grid Direction, Subtract 0.47°

PROJECT DETAILS: Lea County, NM (NAD 83 NME)

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

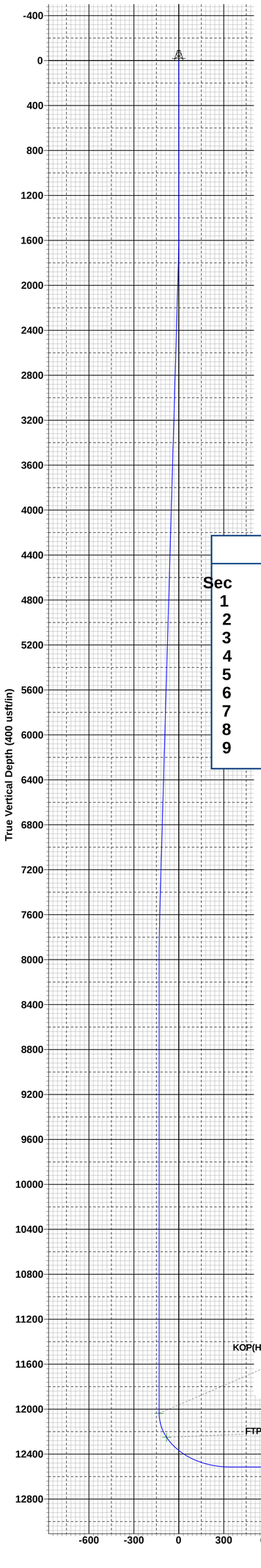
WELL DETAILS: #704H

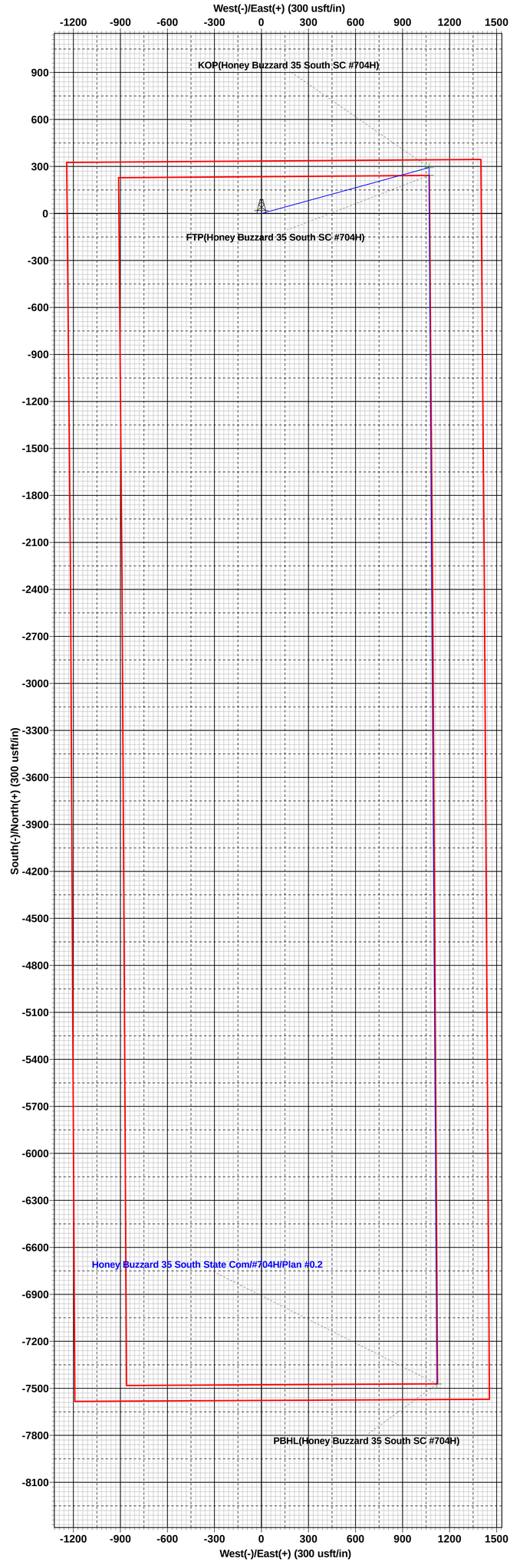
3401.0
kb = 26' @ 3427.0usft

Northing	Easting	Latittude	Longitude
427838.00	816115.00	32° 10' 23.114 N	103° 26' 42.948 W

SECTION DETAILS

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	1400.0	0.00	0.00	1400.0	0.0	0.0	0.00	0.00	0.0	
3	1913.7	10.27	74.67	1911.0	12.1	44.3	2.00	74.67	-5.4	
4	7613.2	10.27	74.67	7519.0	280.9	1024.7	0.00	0.00	-126.0	
5	8126.9	0.00	0.00	8030.0	293.0	1069.0	2.00	180.00	-131.4	
6	12134.4	0.00	0.00	12037.5	293.0	1069.0	0.00	0.00	-131.4	KOP(Honey Buzzard 35 South SC #704H)
7	12354.8	26.46	180.00	12250.2	243.0	1069.0	12.00	180.00	-82.0	FTP(Honey Buzzard 35 South SC #704H)
8	12884.4	90.00	179.62	12514.9	-184.5	1070.9	12.00	-0.42	341.0	
9	20172.1	90.00	179.62	12515.0	-7472.0	1119.0	0.00	0.00	7555.3	PBHL(Honey Buzzard 35 South SC #704H)





CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
KOP(Honey Buzzard 35 South SC #704H)	12037.5	293.0	1069.0	428131.00	817184.00
FTP(Honey Buzzard 35 South SC #704H)	12250.2	243.0	1069.0	428081.00	817184.00
PBHL(Honey Buzzard 35 South SC #704H)	12515.0	-7472.0	1119.0	420366.00	817234.00

Lea County, NM (NAD 83 NME)
Honey Buzzard 35 South State Com #704H
OH
Plan #0.2
10:49, November 30 2021

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

Operator:	OGRID:
EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	7377
	Action Number: 64647
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	12/2/2021