

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 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-105 Revised August 1, 2011					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name OSPREY 10		
								6. Well Number: 302H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER _____										
8. Name of Operator EOG RESOURCES INC							9. OGRID 7377			
10. Address of Operator PO BOX 2267 MIDLAND, TEXAS 79702							11. Pool name or Wildcat RED HILLS; BONE SPRING, EAST			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	N	10	25S	34E		200'	SOUTH	1700'	WEST	LEA
BH:	K	3	25S	34E		2525'	SOUTH	2321'	WEST	LEA
13. Date Spudded 11/16/2019	14. Date T.D. Reached 12/18/2019		15. Date Rig Released 12/20/2019			16. Date Completed (Ready to Produce) 11/09/2020		17. Elevations (DF and RKB, RT, GR, etc.) 3335' GR		
18. Total Measured Depth of Well MD 17,888' TVD 10,263'			19. Plug Back Measured Depth MD 17,858' TVD 10,263'			20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run None		
22. Producing Interval(s), of this completion - Top, Bottom, Name BONE SPRING 10,604-17,858'										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13 3/8"		54.5# J-55		1025"		17 1/2"		785 SXS CL C/CIRC		
9 5/8"		40# J-55		5750'		12 1/4"		1335 SXS CL C/CIRC		
5 1/2"		20# ECP 110		17,888'		8 1/2"		1970 SXS CL/H TOC @ 7510' CBL		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
26. Perforation record (interval, size, and number) 10,604 - 17,858' 3 1/8" 1596 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED				
						10,604-17,858'		Frac w/18,681,530 lbs proppant; 318,595 bbls load fld		
28. PRODUCTION										
Date First Production 11/09/2020		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING				Well Status (Prod. or Shut-in) PRODUCING				
Date of Test 11/15/2020	Hours Tested 24	Choke Size 106	Prod'n For Test Period	Oil - Bbl 3650	Gas - MCF 6229	Water - Bbl. 5241	Gas - Oil Ratio 1706			
Flow Tubing Press.	Casing Pressure 655	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 46				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD								30. Test Witnessed By		
31. List Attachments C-102, C-103, C-104, Directional Survey, As-Completed plat										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial: Latitude _____ Longitude _____ NAD 1927 1983										
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief Printed _____ Signature KAY MADDOX Name Kay Maddox Title Regulatory Analyst Date 12/16/2020 E-mail Address kay_maddox@eogresources.com										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy <u>RUSTLER 885'</u>	T. Canyon <u>BRUSHY 8,056'</u>	T. Ojo Alamo	T. Penn A "
T. Salt <u>1,320'</u>	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt <u>5,080'</u>	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T. 1ST BONE SPRING SAND 10,320'	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

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 30-025-46451	² Pool Code 97369	³ Pool Name RED HILLS; BONE SPRING, EAST
⁴ Property Code 313188	⁵ Property Name OSPREY 10	
⁷ GRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁶ Well Number #302H
		⁹ Elevation 3335'

¹⁰Surface Location

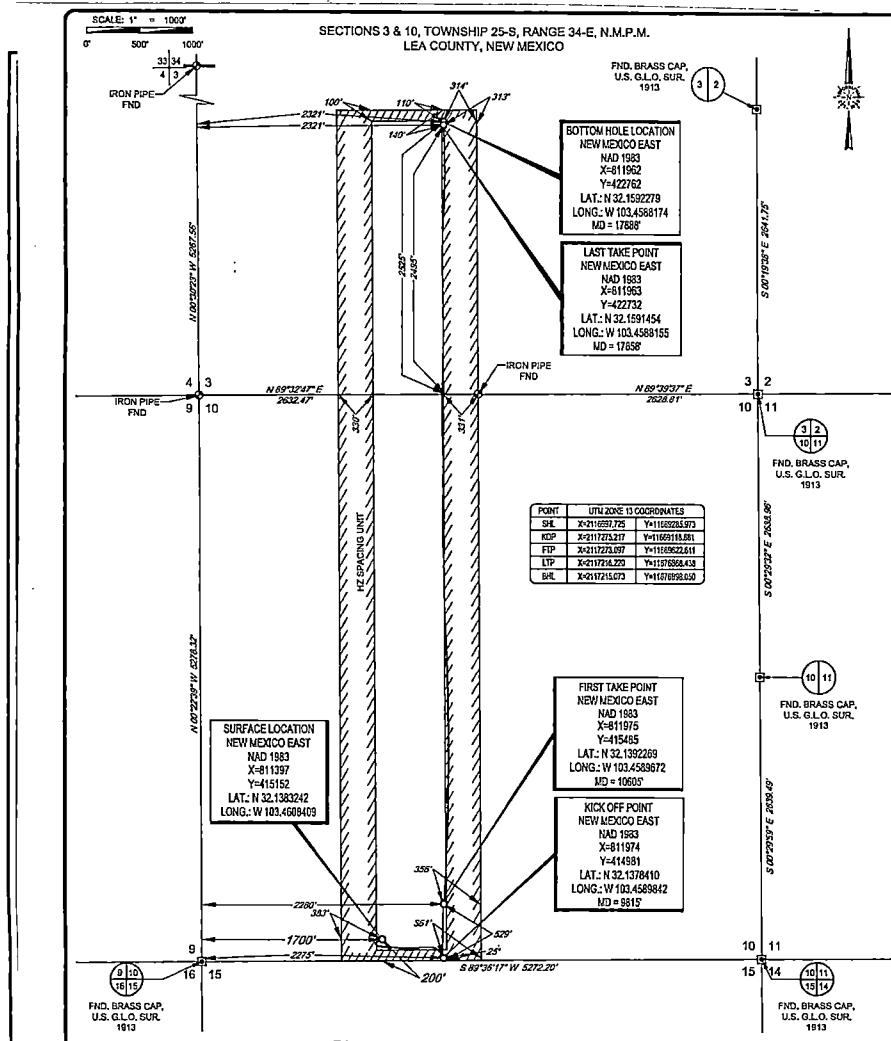
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	10	25-S	34-E	-	200'	SOUTH	1700'	WEST	LEA

¹¹Bottom 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
K	3	25-S	34-E	-	2525'	SOUTH	2321'	WEST	LEA

¹² Dedicated Acres 240.00	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.

¹⁷OPERATOR 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.

Kay Maddox 12/16/2020
Signature Date

KAY MADDOX

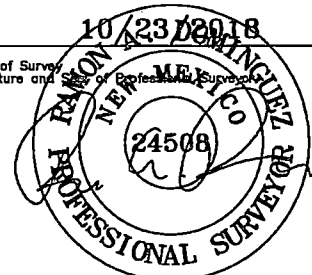
Printed Name

E-mail Address

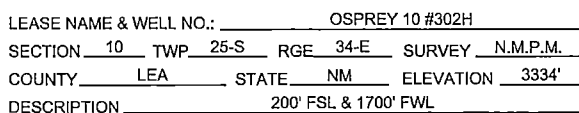
¹⁸SURVEYOR CERTIFICATION

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.

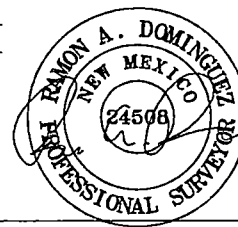
10/23/2020
Date of Survey
Signature and Title of Professional Surveyor



Certificate Number



1400 EVERMAN PARKWAY, Ste. 146 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
WWW.TOPOGRAPHIC.COM



Ramon Dominguez, P.S. No. 24508
JULY 23, 2020

NOTES:

1. ORIGINAL DOCUMENT SIZE: 8.5" X 14"
2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET.
3. THIS WELL LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY EGG RESOURCES, INC. THIS CERTIFICATION IS MADE AND GRANTED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.
4. ADJOINER INFORMATION USED FOR INFORMATIONAL PURPOSES ONLY.

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 1220 S. St. Francis Dr., Santa Fe, NM
 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL 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.)		WELL API NO. 30-025-46451
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator EOG RESOURCES INC		6. State Oil & Gas Lease No.
3. Address of Operator PO BOX 2267 MIDLAND, TX 79702		7. Lease Name or Unit Agreement Name OSPREY 10
4. Well Location Unit Letter N : 200' feet from the SOUTH line and 1700' feet from the WEST line Section 10 Township 25S Range 34E NMPM County LEA		8. Well Number 302H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3335' GR		9. OGRID Number 7377
10. Pool name or Wildcat RED HILLS; BONE SPRING, EAST		

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

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

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.

12/20/2019 RIG RELEASED
 12/23/2019 MIRU PREP TO FRAC, TEST VOID TO 5000 PSI, SEALS & FLANGES TO 8500 PSI
 07/10/2020 BEGIN PERF AND FRAC
 07/19/2020 FINISH 26 STAGES PERF & FRAC, 10,604 - 17,858' 1596 3 1/8" SHOTS, FRAC 18,681,530 PROPPANT, 318,595 BBLS LOAD FLUID
 07/21/2020 DRILLED OUT PLUGS AND CLEANED OUT WELLBORE
 11/09/2020 OPENED WELL TO FLOWBACK - DATE OF FIRST PRODUCTION

WILL RUN TBG AND GAS LIFT VALVES WITHIN 3-6 MONTHS, WILL SUBMIT SUNDRY

Spud Date:

11/16/2019

Rig Release Date:

12/20/2019

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

SIGNATURE KAY MADDOX TITLE Regulatory Analyst DATE 12/17/2020

Type or print name Kay Maddox E-mail address: kay_maddox@eogresources.com PHONE: 432-638-8475

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Osprey 10

#302H

OH

Design: OH

Midland PVA

06 January, 2020



Midland PVA

Company:	EOG Resources - Midland		Local Co-ordinate Reference:	Well #302H
Project:	Lea County, NM (NAD 83 NME)		TVD Reference:	KB = 25 @ 3360.0usft
Site:	Osprey 10		MD Reference:	KB = 25 @ 3360.0usft
Well:	#302H		North Reference:	Grid
Wellbore:	OH		Survey Calculation Method:	Minimum Curvature
Design:	OH		Database:	EDM

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:	Osprey 10				
Site Position:		Northing:	415,148.00 usft	Latitude:	32° 8' 18.063 N
From:	Map	Easting:	809,711.00 usft	Longitude:	103° 27' 58.640 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.46 °

Well:	#302H					
Well Position	+N/-S	0.0 usft	Northing:	415,152.00 usft	Latitude:	32° 8' 17.968 N
	+E/-W	0.0 usft	Easting:	811,397.00 usft	Longitude:	103° 27' 39.033 W
Position Uncertainty	0.0 usft		Wellhead Elevation:	usft	Ground Level:	3,335.0 usft

Wellbore:	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	11/25/2018	6.74	59.98	47,751.31966474

Design:	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	4.16	

Survey Program	Date	1/6/2020		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
197.0	17,888.0	Drilltech MWD (OH)	EOG MWD+IFR1	MWD + IFR1

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COMPASS 5000.15 Build 91



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #302H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3360.0usft
Site:	Osprey 10	MD Reference:	KB = 25 @ 3360.0usft
Well:	#302H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

Survey	MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	EW (usft)	D-leg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	Hght to Plan (usft)	Right to Plan (usft)
	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0
	197.0	1.23	234.45	197.0	-1.2	-1.7	0.62	0.62	0.00	-2.1	0.0
	225.0	1.49	233.13	225.0	-1.6	-2.3	0.94	0.93	-4.71	-2.8	-0.1
	310.0	1.67	236.94	309.9	-2.9	-4.2	0.28	0.21	6.84	-5.1	0.3
	397.0	2.20	236.21	396.9	-4.5	-6.7	0.62	0.61	-3.14	-8.1	0.0
	485.0	2.90	239.73	484.8	-6.6	-10.0	0.81	0.80	4.00	-11.9	0.6
	668.0	5.80	243.15	667.3	-13.1	-22.3	1.59	1.58	1.87	-25.8	1.6
	857.0	6.77	248.67	855.1	-21.4	-41.2	0.61	0.51	3.03	-46.1	5.2
	951.0	6.24	249.31	949.5	-25.2	-51.1	0.57	-0.56	0.47	-56.7	5.6
	1,050.0	5.45	249.48	1,047.0	-26.8	-60.5	0.80	-0.80	0.17	-66.8	5.7
	1,144.0	3.69	217.57	1,140.7	-32.7	-66.6	3.22	-1.87	-33.95	-66.5	-32.9
	1,238.0	4.92	153.59	1,234.5	-38.7	-66.6	4.97	1.31	-68.06	-5.0	-76.9
	1,332.0	6.51	134.61	1,328.0	-46.1	-61.0	2.61	1.69	-20.19	11.0	-75.7
	1,426.0	5.72	131.35	1,421.5	-52.9	-53.7	0.92	-0.84	-3.47	5.3	-76.2
	1,521.0	5.80	117.12	1,516.0	-58.2	-45.9	1.50	0.08	-14.98	14.3	-72.8
	1,615.0	6.86	102.44	1,608.5	-61.6	-36.2	2.05	1.13	-15.62	24.1	-67.9
	1,709.0	6.42	100.42	1,702.8	-63.8	-25.5	0.53	-0.47	-2.15	20.7	-66.9
	1,804.0	6.51	95.06	1,797.2	-65.2	-15.0	0.64	0.09	-5.64	24.2	-63.9
	1,898.0	5.98	96.37	1,890.7	-66.2	-4.8	0.58	-0.56	1.39	21.3	-63.1
	2,086.0	8.44	98.22	2,077.2	-69.3	16.6	1.31	1.31	0.98	13.2	-61.6
	2,180.0	8.27	95.41	2,170.2	-70.9	32.2	0.47	-0.18	-2.99	11.2	-59.8
	2,274.0	8.53	96.20	2,263.2	-72.3	45.8	0.30	0.28	0.84	5.4	-58.7
	2,368.0	8.35	92.77	2,356.1	-73.4	59.6	0.57	-0.19	-3.65	3.8	-56.9
	2,463.0	8.44	95.14	2,450.1	-74.3	73.4	0.38	0.09	2.49	-3.6	-55.3
	2,557.0	8.62	91.01	2,543.1	-75.1	87.3	0.68	0.19	-4.39	-5.0	-53.9
	2,651.0	8.23	92.95	2,636.9	-75.6	101.9	0.72	0.65	2.06	-12.7	-51.7
	2,745.0	9.50	91.72	2,728.7	-76.2	117.2	0.36	0.29	-1.31	-18.3	-50.2

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COMPASS 5000.15 Build 91



Midland PVA

Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Osprey 10
 Well: #302H
 Wellbore: OH
 Design: OH

Local Co-ordinate Reference: Well #302H
 TVD Reference: KB = 25 @ 3360.0usft
 MD Reference: KB = 25 @ 3360.0usft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature
 Database: EDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
2,840.0	10.02	94.26	2,822.3	-77.1	133.3	0.71	0.55	2.67	-27.8	-47.5	
2,934.0	9.94	94.00	2,914.9	-78.2	149.5	0.10	-0.09	-0.28	-35.2	-46.1	
3,028.0	10.29	96.11	3,007.4	-79.7	166.0	0.54	0.37	2.24	-44.6	-43.3	
3,123.0	10.49	90.66	3,100.9	-80.7	183.0	1.06	0.21	-5.74	-48.8	-46.0	
3,217.0	10.90	91.98	3,193.2	-81.1	200.5	0.51	0.44	1.40	-58.7	-42.9	
3,311.0	9.76	87.23	3,285.7	-81.0	217.3	1.51	-1.21	-5.05	-63.4	-45.7	
3,405.0	8.88	93.12	3,378.5	-81.0	232.5	1.38	-0.94	6.27	-74.3	-36.4	
3,499.0	8.09	95.23	3,471.5	-82.0	246.3	0.90	-0.84	2.24	-80.7	-32.0	
3,593.0	8.79	87.41	3,564.4	-82.3	260.1	1.43	0.74	-8.32	-80.9	-41.0	
3,688.0	9.58	85.04	3,658.2	-81.3	275.2	0.92	0.83	-2.49	-85.9	-41.7	
3,782.0	8.18	89.43	3,751.1	-80.6	289.7	1.65	-1.49	4.67	-94.8	-32.2	
3,876.0	6.51	91.10	3,844.3	-80.6	301.7	1.79	-1.78	1.78	-99.1	-27.2	
3,970.0	6.68	89.43	3,937.7	-80.6	312.5	0.27	0.18	-1.78	-100.5	-27.9	
4,064.0	6.24	86.53	4,031.1	-80.3	323.1	0.58	-0.47	-3.09	-101.1	-30.5	
4,159.0	5.80	88.29	4,125.6	-79.8	333.0	0.50	-0.46	1.85	-103.3	-24.8	
4,253.0	6.16	79.67	4,219.1	-78.8	342.8	1.03	0.38	-9.17	-100.1	-37.0	
4,348.0	5.54	77.39	4,313.6	-76.9	352.2	0.70	-0.65	-2.40	-100.3	-37.1	
4,442.0	5.72	74.75	4,407.1	-74.6	361.2	0.34	0.19	-2.81	-100.0	-37.5	
4,536.0	5.54	82.57	4,500.7	-72.8	370.2	0.84	-0.19	8.32	-105.1	-19.7	
4,631.0	6.60	84.86	4,595.1	-71.7	380.2	1.14	1.12	2.41	-107.4	-12.4	
4,725.0	6.60	90.13	4,688.5	-71.3	391.0	0.64	0.00	5.61	-110.2	0.1	
4,820.0	6.95	91.72	4,782.8	-71.5	402.2	0.42	0.37	1.67	-112.7	5.3	
4,914.0	6.51	89.52	4,876.2	-71.6	413.2	0.54	-0.47	-2.34	-115.2	3.0	
5,009.0	7.39	94.35	4,970.5	-72.0	424.7	1.11	0.93	5.08	-117.2	14.6	
5,103.0	7.74	93.74	5,063.7	-72.9	437.0	0.38	0.37	-0.65	-121.1	14.9	
5,197.0	7.83	94.44	5,156.8	-73.8	449.7	0.14	0.10	0.74	-124.9	18.0	
5,276.0	7.39	92.07	5,235.1	-74.4	460.2	0.68	-0.56	-3.00	-128.7	14.2	



Midland PVA

Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Osprey 10
 Well: #302H
 Wellbore: OH
 Design: OH

Local Co-ordinate Reference: Well #302H
 TVD Reference: KB = 25 @ 3360.0usft
 MD Reference: KB = 25 @ 3360.0usft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature
 Database: EDM

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	EW (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
5,373.0	6.86	92.33	5,331.4	-74.8	472.2	0.55	-0.55	0.27	-131.8	16.6
5,467.0	6.68	104.20	5,424.7	-76.4	483.1	1.50	-0.19	12.63	-127.7	44.4
5,561.0	7.56	112.11	5,518.0	-80.1	494.1	1.40	0.94	8.41	-123.2	61.1
5,655.0	7.47	120.90	5,611.2	-85.5	505.1	1.23	-0.10	9.35	-116.3	77.5
5,750.0	7.47	125.29	5,705.4	-92.3	515.4	0.60	0.00	4.62	-114.0	83.3
5,844.0	7.30	126.17	5,798.6	-99.3	525.2	0.22	-0.18	0.94	-116.6	81.8
5,938.0	6.60	137.33	5,891.9	-106.8	533.7	1.61	-0.74	11.87	-102.6	99.1
6,032.0	6.51	139.09	5,985.3	-114.8	540.9	0.23	-0.10	1.87	-102.9	97.2
6,127.0	6.77	138.21	6,079.7	-123.1	548.1	0.29	0.27	-0.93	-108.0	90.6
6,221.0	6.51	138.30	6,173.0	-131.2	555.4	0.28	-0.28	0.10	-111.3	85.8
6,315.0	6.33	139.70	6,266.4	-139.1	562.3	0.25	-0.19	1.49	-112.5	83.5
6,410.0	6.07	139.09	6,360.9	-146.9	568.9	0.28	-0.27	-0.64	-116.3	77.1
6,504.0	5.10	125.55	6,454.4	-153.1	575.6	1.73	-1.03	-14.40	-131.8	43.5
6,599.0	3.61	116.24	6,549.2	-156.9	581.7	1.73	-1.57	-9.80	-135.5	19.2
6,693.0	1.58	92.95	6,643.1	-158.2	585.7	2.39	-2.16	-24.78	-127.4	-35.2
6,788.0	1.49	89.08	6,738.0	-158.3	588.2	0.14	-0.09	-4.07	-118.6	-41.5
6,883.0	1.49	86.53	6,833.0	-158.2	590.7	0.07	0.00	-2.68	-110.6	-44.1
6,977.0	1.58	88.38	6,927.0	-158.1	593.2	0.11	0.10	1.97	-105.9	-38.0
7,071.0	1.67	94.18	7,020.9	-158.1	595.9	0.20	0.10	6.17	-103.1	-25.5
7,166.0	1.85	96.81	7,115.9	-158.4	598.8	0.21	0.19	2.77	-98.2	-19.5
7,260.0	0.70	129.24	7,209.9	-159.0	600.7	1.40	-1.22	34.50	-87.2	33.2
7,355.0	0.62	162.29	7,304.9	-159.8	601.3	0.40	-0.08	34.79	-51.3	68.1
7,449.0	0.79	152.01	7,398.9	-160.9	601.8	0.22	0.18	-10.94	-57.8	51.2
7,543.0	0.79	157.63	7,492.8	-162.1	602.3	0.08	0.00	5.98	-48.5	49.5
7,638.0	0.26	164.58	7,587.8	-162.9	602.6	0.56	-0.56	7.32	-38.6	47.3
7,727.0	1.06	163.96	7,776.8	-165.0	603.2	0.42	0.42	-0.33	-32.3	31.5
7,921.0	0.44	201.58	7,870.8	-166.1	603.3	0.81	-0.66	40.02	-8.3	37.8



Midland PVA

Company:	EOG Resources - Midland					Local Co-ordinate Reference:		Well #302H			
Project:	Lea County, NM (NAD 83 NME)					TVD Reference:		KB = 25 @ 3360.0usft			
Site:	Osprey 10					MD Reference:		KB = 25 @ 3360.0usft			
Well:	#302H					North Reference:		Grid			
Wellbore:	OH					Survey Calculation Method:		Minimum Curvature			
Design:	OH					Database:		EDM			
Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
8,015.0	0.35	231.64	7,964.8	-166.7	603.0	0.24	-0.10	31.98	8.4	33.5	
8,106.2	0.61	205.19	8,056.0	-167.3	602.6	0.37	0.29	-29.02	-8.4	32.2	
Brushy Top(Osprey 10 #302H)											
8,109.0	0.62	204.74	8,058.8	-167.3	602.5	0.37	0.33	-15.80	-8.6	32.1	
8,204.0	0.97	220.74	8,153.8	-168.4	601.8	0.43	0.37	16.84	-0.8	33.4	
8,298.0	1.23	211.16	8,247.8	-169.8	600.8	0.34	0.28	-10.19	-8.1	32.7	
8,392.0	1.49	205.62	8,341.8	-171.8	599.7	0.31	0.28	-5.89	-13.4	31.6	
8,487.0	1.49	203.34	8,436.7	-174.0	598.7	0.06	0.00	-2.40	-17.2	31.0	
8,581.0	1.32	202.02	8,530.7	-176.2	597.8	0.18	-0.18	-1.40	-20.2	30.6	
8,676.0	1.49	205.27	8,625.7	-178.3	596.9	0.20	0.18	3.42	-20.7	31.8	
8,770.0	1.41	228.91	8,719.6	-180.2	595.5	0.64	-0.09	25.15	-8.5	37.9	
8,864.0	0.62	283.76	8,813.6	-180.8	594.1	1.24	-0.84	58.35	24.9	29.7	
8,959.0	0.88	292.11	8,908.6	-180.4	592.9	0.30	0.27	8.79	27.7	25.9	
9,053.0	0.88	272.86	9,002.6	-180.1	591.5	0.31	0.00	-20.48	16.2	33.3	
9,148.0	0.97	274.97	9,097.6	-180.0	590.0	0.10	0.09	2.22	15.9	32.7	
9,242.0	0.97	274.62	9,191.6	-179.9	588.4	0.01	0.00	-0.37	14.1	32.8	
9,336.0	0.70	273.74	9,285.6	-179.8	587.1	0.29	-0.29	-0.94	12.2	33.0	
9,430.0	0.79	291.49	9,379.6	-179.5	585.9	0.26	0.10	18.88	20.5	27.9	
9,525.0	1.06	294.04	9,474.6	-178.9	584.5	0.29	0.28	2.68	20.2	27.0	
9,619.0	1.29	296.51	9,568.5	-178.1	582.7	0.25	0.24	2.63	19.4	26.1	
9,713.0	1.85	309.33	9,662.5	-176.6	580.6	0.70	0.60	13.64	22.2	21.4	
9,755.0	3.52	304.06	9,704.4	-175.5	579.0	4.02	3.98	-12.55	18.2	23.3	
9,815.0	6.86	338.25	9,764.2	-171.1	576.2	7.35	5.56	56.98	23.0	10.2	
KOP, MD: 9815.0', TVD: 9764.2', N/S: -171.1', E/W: 576.2', INC: 6.86											
9,850.0	9.23	345.46	9,798.9	-166.5	574.7	7.35	6.78	20.61	20.6	7.8	
9,944.0	22.16	355.91	9,889.2	-141.4	571.5	14.03	13.76	11.12	9.9	6.8	
10,039.0	27.96	356.00	9,975.2	-101.2	568.7	6.11	6.11	0.09	-2.4	10.0	



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #302H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3360.0usft
Site:	Osprey 10	MD Reference:	KB = 25 @ 3360.0usft
Well:	#302H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
10,050.0	28.95	356.72	9,984.9	-96.0	568.3	9.50	8.97	6.57	-3.3	10.4	
FTP Crossing, MD:10050.0, TVD:9984.9, N/S:-96.0, E/W:568.3, INC:28.95											
10,133.0	36.49	1.01	10,054.7	-51.2	567.6	9.50	9.09	5.17	-9.9	13.1	
10,227.0	43.88	0.13	10,126.4	9.4	568.2	7.88	7.86	-0.94	-15.9	14.7	
10,289.3	50.16	0.67	10,168.9	54.9	568.5	10.10	10.08	0.87	-18.4	16.3	
FTP (Osprey 10 #302H)											
10,322.0	53.46	0.82	10,189.1	80.6	568.9	10.10	10.09	0.75	-19.7	17.1	
10,416.0	58.48	359.43	10,241.7	158.5	569.1	5.50	5.34	-1.59	-19.8	19.8	
10,511.0	67.62	2.85	10,284.7	243.1	571.0	10.17	9.62	3.71	-14.5	22.0	
10,605.0	76.94	5.06	10,313.3	332.3	577.2	10.14	9.91	2.24	-9.1	19.4	
10,699.0	84.77	4.53	10,328.2	424.7	585.0	8.35	8.33	-0.56	-2.4	15.3	
10,794.0	87.14	3.47	10,334.9	519.2	591.6	2.73	2.49	-1.12	6.0	10.8	
10,889.0	90.22	2.07	10,337.1	614.1	596.2	3.56	3.24	-1.47	10.0	5.6	
10,983.0	90.75	1.80	10,336.3	708.0	599.4	0.63	0.56	-0.29	11.1	1.8	
10,993.5	90.71	1.82	10,336.2	718.5	599.7	0.42	-0.37	0.19	11.2	1.4	
TGT#1(Osprey 10 #302H)											
11,077.0	90.40	1.88	10,335.4	802.0	602.5	0.42	-0.37	0.19	12.1	-1.9	
11,171.0	90.13	2.15	10,334.9	895.9	605.8	0.34	-0.29	0.18	13.6	-5.9	
11,266.0	90.84	1.89	10,334.1	990.8	609.2	0.80	0.75	-0.27	14.7	-9.9	
11,360.0	91.10	0.92	10,332.5	1,084.8	611.5	1.07	0.28	-1.03	15.0	-12.9	
11,454.0	91.36	0.75	10,330.5	1,178.8	612.9	0.33	0.28	-0.18	14.9	-14.9	
11,548.0	91.63	0.57	10,328.1	1,272.7	614.0	0.35	0.29	-0.19	14.4	-16.6	
11,643.0	90.31	1.10	10,326.5	1,367.7	615.3	1.50	-1.39	0.56	14.7	-18.7	
11,737.0	90.48	0.75	10,325.8	1,461.7	616.9	0.41	0.18	-0.37	16.0	-20.8	
11,832.0	90.75	0.48	10,324.8	1,556.7	617.9	0.40	0.28	-0.28	16.9	-22.5	
11,926.0	91.01	0.66	10,323.3	1,650.6	618.8	0.34	0.28	0.19	17.4	-24.1	
12,021.0	89.25	359.61	10,323.1	1,745.6	619.0	2.16	-1.85	-1.11	19.1	-24.9	



Midland PVA

Company:	EOG Resources - Midland					Local Co-ordinate Reference:		Well #302H			
Project:	Lea County, NM (NAD 83 NME)					TVD Reference:		KB = 25 @ 3360.0usft			
Site:	Osprey 10					MD Reference:		KB = 25 @ 3360.0usft			
Well:	#302H					North Reference:		Grid			
Wellbore:	OH					Survey Calculation Method:		Minimum Curvature			
Design:	OH					Database:		EDM			
Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
12,115.0	89.78	359.34	10,323.9	1,839.6	618.2	0.63	0.56	-0.29	21.8	-24.7	
12,209.0	90.40	0.22	10,323.8	1,933.6	617.8	1.15	0.66	0.94	23.6	-25.0	
12,217.9	90.46	0.10	10,323.7	1,942.6	617.8	1.46	0.65	-1.31	23.7	-25.1	
TGT#2(Osprey 10 #302H)											
12,303.0	91.01	358.99	10,322.6	2,027.6	617.2	1.46	0.65	-1.31	23.5	-25.0	
12,398.0	91.71	358.82	10,320.4	2,122.6	615.3	0.76	0.74	-0.18	22.0	-23.8	
12,492.0	89.78	358.55	10,319.1	2,216.5	613.2	2.07	-2.05	-0.29	21.5	-22.3	
12,586.0	90.40	358.64	10,319.0	2,310.5	610.9	0.67	0.66	0.10	22.1	-20.7	
12,680.0	89.78	359.17	10,318.8	2,404.5	609.1	0.87	-0.66	0.56	22.7	-19.5	
12,775.0	88.11	358.73	10,320.6	2,499.5	607.3	1.82	-1.76	-0.46	25.2	-18.4	
12,869.0	88.02	357.85	10,323.8	2,593.4	604.5	0.94	-0.10	-0.94	29.1	-16.2	
12,964.0	88.11	357.67	10,327.0	2,688.2	600.8	0.21	0.09	-0.19	33.1	-13.2	
13,058.0	88.02	357.41	10,330.1	2,782.1	596.8	0.29	-0.10	-0.28	37.0	-9.8	
13,153.0	87.67	357.58	10,333.7	2,876.9	592.7	0.41	-0.37	0.18	41.3	-6.3	
13,247.0	90.48	357.94	10,335.2	2,970.8	589.0	3.01	2.99	0.38	43.5	-3.3	
13,341.0	90.92	358.55	10,334.1	3,064.8	586.1	0.80	0.47	0.65	43.1	-1.0	
13,436.0	91.10	357.94	10,332.4	3,159.7	583.2	0.67	0.19	-0.64	42.2	1.2	
13,462.9	91.00	357.86	10,331.9	3,186.6	582.2	0.47	-0.37	-0.29	41.9	2.0	
TGT#3(Osprey 10 #302H)											
13,530.0	90.75	357.67	10,330.9	3,253.6	579.6	0.47	-0.37	-0.29	41.0	4.2	
13,624.0	91.98	359.25	10,328.7	3,347.6	577.1	2.13	1.31	1.68	38.8	6.1	
13,719.0	92.33	358.11	10,325.1	3,442.5	574.9	1.25	0.37	-1.20	35.3	7.6	
13,813.0	92.51	358.29	10,321.1	3,536.4	571.9	0.27	0.19	0.19	31.4	9.9	
13,907.0	92.33	358.02	10,317.1	3,630.2	568.9	0.34	-0.19	-0.29	27.5	12.3	
14,002.0	92.07	357.67	10,313.5	3,725.1	565.3	0.46	-0.27	-0.37	23.9	15.2	
14,096.0	91.80	0.13	10,310.3	3,819.0	563.5	2.63	-0.29	2.62	20.7	16.4	
14,190.0	92.15	359.87	10,307.1	3,913.0	563.5	0.46	0.37	-0.28	17.5	15.8	



Midland PVA

Company:	EOG Resources - Midland					Local Co-ordinate Reference:	Well #302H				
Project:	Lea County, NM (NAD 83 NME)					TVD Reference:	KB = 25 @ 3360.0usft				
Site:	Osprey 10					MD Reference:	KB = 25 @ 3360.0usft				
Well:	#302H					North Reference:	Grid				
Wellbore:	OH					Survey Calculation Method:	Minimum Curvature				
Design:	OH					Database:	EDM				

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
14,284.0	90.40	0.75	10,305.0	4,006.9	564.0	2.08	-1.86	0.94	15.5	14.6	
14,379.0	89.96	0.05	10,304.7	4,101.9	564.7	0.87	-0.46	-0.74	15.2	13.3	
14,473.0	89.96	359.78	10,304.8	4,195.9	564.6	0.29	0.00	-0.29	15.4	12.8	
14,567.0	89.69	359.69	10,305.1	4,289.9	564.1	0.30	-0.29	-0.10	15.7	12.6	
14,661.0	89.69	359.43	10,305.6	4,383.9	563.4	0.28	0.00	-0.28	16.2	12.7	
14,756.0	89.34	359.34	10,306.4	4,478.9	562.4	0.38	-0.37	-0.09	17.1	13.0	
14,850.0	89.43	359.17	10,307.4	4,572.9	561.2	0.20	0.10	-0.18	18.2	13.6	
14,945.0	89.78	358.99	10,308.0	4,667.9	559.6	0.41	0.37	-0.19	18.9	14.5	
15,039.0	90.40	358.64	10,307.9	4,761.9	557.7	0.76	0.66	-0.37	18.8	15.8	
15,133.0	90.84	359.61	10,306.9	4,855.8	556.3	1.13	0.47	1.03	17.8	16.6	
15,227.0	90.92	358.27	10,305.4	4,949.8	554.5	1.43	0.09	-1.43	16.4	17.7	
15,279.4	92.28	359.77	10,304.0	5,002.1	553.6	3.87	2.60	2.87	14.9	18.2	
TGT#4(Osprey 10 #302H)											
15,322.0	93.39	1.00	10,301.8	5,044.7	553.9	3.87	2.60	2.88	13.1	17.7	
15,416.0	92.77	1.17	10,296.8	5,138.6	555.7	0.68	-0.66	0.18	9.0	15.3	
15,511.0	91.71	1.44	10,293.1	5,233.5	557.9	1.15	-1.12	0.28	6.2	12.4	
15,605.0	90.84	1.26	10,291.0	5,327.4	560.1	0.95	-0.93	-0.19	5.1	9.6	
15,699.0	90.48	1.09	10,289.9	5,421.4	562.0	0.42	-0.38	-0.18	4.9	7.0	
15,794.0	91.54	1.70	10,288.2	5,516.3	564.3	1.29	1.12	0.64	4.2	4.0	
15,888.0	90.84	359.85	10,286.3	5,610.3	565.6	2.10	-0.74	-1.97	3.1	2.1	
15,982.0	91.28	0.21	10,284.5	5,704.3	565.6	0.60	0.47	0.38	2.3	1.4	
16,077.0	92.15	359.85	10,281.7	5,799.3	565.7	0.99	0.92	-0.38	0.4	0.7	
16,171.0	92.15	359.33	10,278.2	5,893.2	565.0	0.55	0.00	-0.55	-2.2	0.8	
16,266.0	91.89	358.10	10,274.8	5,988.1	562.9	1.32	-0.27	-1.29	-4.6	2.3	
16,312.5	92.33	358.10	10,273.1	6,034.5	561.3	0.94	0.94	0.00	-5.9	3.5	
TGT#5(Osprey 10 #302H)											
16,360.0	92.77	358.10	10,271.0	6,082.0	559.8	0.94	0.94	0.00	-7.7	4.7	



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #302H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3360.0usft
Site:	Osprey 10	MD Reference:	KB = 25 @ 3360.0usft
Well:	#302H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
16,454.0	93.03	357.31	10,266.2	6,175.8	556.0	0.88	0.28	-0.84	-11.8	7.9
16,548.0	89.87	358.54	10,263.9	6,269.7	552.6	3.61	-3.36	1.31	-13.6	10.6
16,642.0	91.01	1.44	10,263.1	6,363.7	552.6	3.31	1.21	3.09	-13.8	10.0
16,737.0	91.54	0.21	10,261.0	6,458.6	554.0	1.41	0.56	-1.29	-15.3	8.0
16,831.0	90.48	2.14	10,259.4	6,552.6	555.9	2.34	-1.13	2.05	-16.3	5.4
16,925.0	88.20	2.76	10,260.5	6,646.5	559.9	2.51	-2.43	0.66	-14.6	0.7
17,020.0	87.49	3.02	10,264.0	6,741.3	564.7	0.80	-0.75	0.27	-10.5	-4.7
17,113.0	86.97	2.67	10,268.5	6,834.1	569.3	0.67	-0.56	-0.38	-5.4	-10.0
17,208.0	89.34	1.44	10,271.6	6,929.0	572.7	2.81	2.49	-1.29	-1.7	-14.0
17,302.0	89.96	1.17	10,272.2	7,022.9	574.8	0.72	0.66	-0.29	-0.6	-16.8
17,396.0	90.22	0.03	10,272.0	7,116.9	575.8	1.24	0.28	-1.21	-0.1	-18.4
17,491.0	90.40	359.15	10,271.5	7,211.9	575.1	0.95	0.19	-0.93	0.0	-18.4
17,585.0	90.84	358.45	10,270.5	7,305.9	573.2	0.88	0.47	-0.74	-0.5	-17.1
17,689.0	91.54	358.36	10,268.3	7,409.8	570.3	0.68	0.67	-0.09	-2.0	-14.9
Last MWD Survey (MD=17689.0')										
17,888.0	91.54	358.36	10,263.0	7,608.7	564.6	0.00	0.00	0.00	-6.0	-10.6
Projection to Bit (MD=17888.0') - PBHL (Osprey 10 #302H)										

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
9,815.0	9,764.2	-171.1	576.2	KOP, MD:9815.0', TVD:9764.2', N/S:-171.1', E/W:576.2', INC:6.86
10,050.0	9,984.9	-96.0	568.3	FTP Crossing, MD:10050.0', TVD:9984.9', N/S:-96.0', E/W:568.3', INC:28.95
17,689.0	10,268.3	7,409.8	570.3	Last MWD Survey (MD=17689.0')
17,888.0	10,263.0	7,608.7	564.6	Projection to Bit (MD=17888.0')

Checked By: _____ Approved By: _____ Date: _____

1/5/2020 2:08:12PM

Page 10

COMPASS 5000.15 Build 91

I certify this survey to be true and correct to the best of my belief and knowledge.

Kay Maddox
Signed

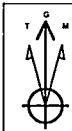
12/17/2020
Date



Lea County, NM (NAD 83 NME)

Osprey 10 #302H

Plan #1



Azimuths to Grid North
True North: -0.46°
Magnetic North: 6.27°

Magnetic Field
Strength: 47751.3nT
Dip Angle: 69.98°
Date: 11/25/2018
Model: IGRF2016

To convert a Magnetic Direction to a Grid Direction, Add 6.27°
To convert a Magnetic Direction to a True Direction, Add 6.74° East
To convert a True Direction to a Grid Direction, Subtract 0.46°

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: #302H

KB = 25 @ 3360.Dust 3335.0
Northing 415152.00 Easting 811397.00 Latitude 32° 8' 17.958 N Longitude 103° 27' 39.033 W

SECTION DETAILS

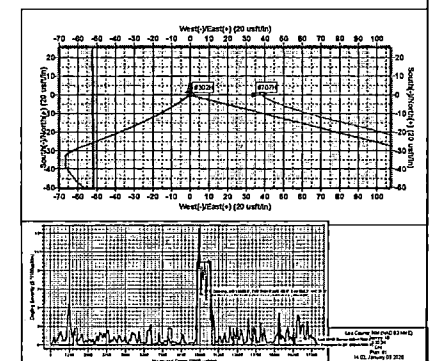
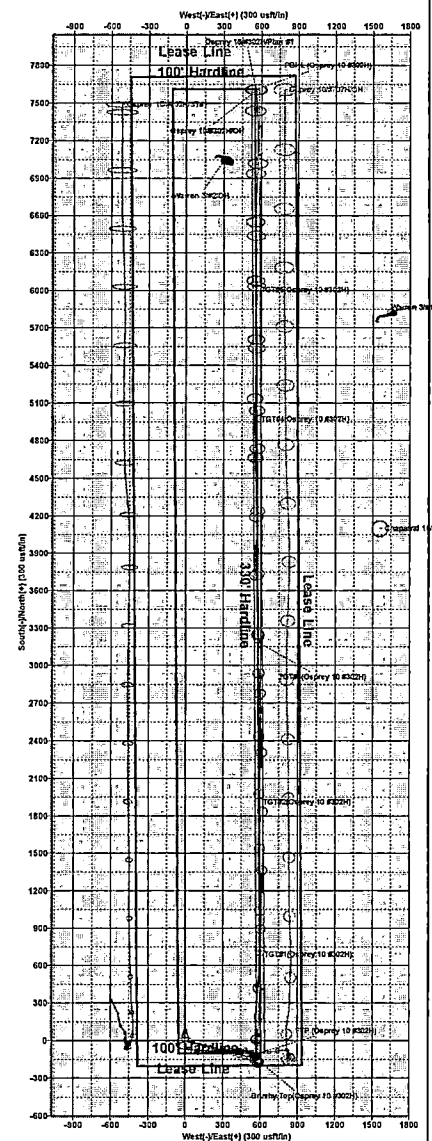
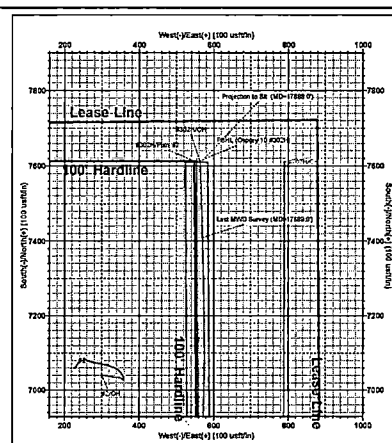
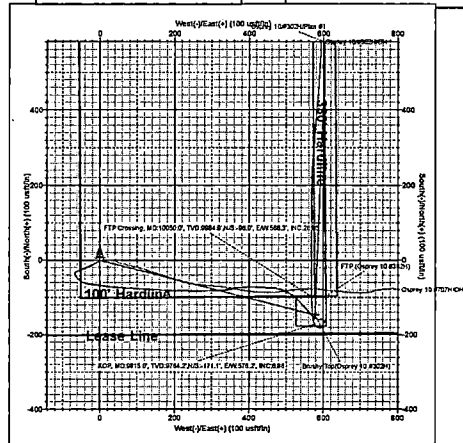
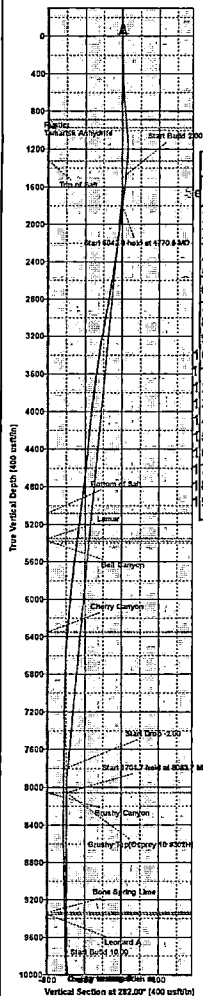
MD	Inc	Azi	TVD	+N-S	+E-W	Dleg	TFace	VSeet	Target
1	0.0	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1500.0	0.00	0.00	1500.0	0.0	0.00	0.00	0.0	
3	1770.5	5.41	104.20	1770.1	-3.1	12.4	104.20	-2.2	
4	7813.2	5.41	104.20	7785.9	-142.9	564.6	0.00	-101.5	
5	8083.7	0.00	0.00	8056.0	-146.0	577.0	2.00	-103.7	Brushy Top(Osprey 10 #302H)
6	9785.4	0.00	0.00	9757.7	-146.0	577.0	0.00	-103.7	
7	10696.7	91.13	2.34	10330.5	437.8	600.9	10.00	2.34	
8	10787.8	91.13	359.61	10328.7	528.8	602.4	3.00	-89.91	TGT#1(Osprey 10 #302H)
9	10977.3	91.13	359.61	10325.0	718.3	601.1	0.00	760.0	TGT#2(Osprey 10 #302H)
10	10979.2	91.17	359.61	10325.0	720.2	601.1	2.00	3.35	TGT#3(Osprey 10 #302H)
11	12201.4	91.17	359.61	10300.0	1942.1	592.7	0.00	1980.0	TGT#4(Osprey 10 #302H)
12	12237.4	90.45	359.61	10299.5	1978.1	592.5	2.00	-180.00	TGT#5(Osprey 10 #302H)
13	13445.4	90.45	359.61	10290.0	3186.0	584.3	0.00	3220.0	PBHL (Osprey 10 #302H)
14	13466.4	90.03	359.61	10289.9	3207.1	584.1	2.00	180.00	
15	15281.1	90.03	359.61	10289.0	5001.7	571.9	0.00	5030.0	
16	15287.7	90.56	359.61	10288.9	5028.3	571.7	2.00	0.00	
17	16294.4	90.56	359.61	10279.0	6034.9	564.8	0.00	6060.0	
18	16304.3	90.36	359.61	10278.9	6044.8	564.7	2.00	-179.28	
19	17869.6	90.36	359.61	10269.0	7610.0	554.0	0.00	7630.1	

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N-S	+E-W	Northing	Easting
Brushy Top(Osprey 10 #302H)	8056.0	-146.0	577.0	415065.00	811974.00
PBHL (Osprey 10 #302H)	10259.0	7610.0	554.0	42272.00	811951.00
TGT#1(Osprey 10 #302H)	10279.0	6034.9	564.8	421186.50	811951.82
TGT#2(Osprey 10 #302H)	10289.0	5001.7	571.9	420183.70	811968.87
TGT#3(Osprey 10 #302H)	10299.0	3186.0	584.3	416330.00	811951.25
TGT#4(Osprey 10 #302H)	10300.0	1942.1	592.7	417094.10	811959.75
TGT#5(Osprey 10 #302H)	10325.0	718.3	601.1	416870.30	811955.10
FTP (Osprey 10 #302H)	10340.0	-39.0	607.0	416595.00	812004.00



District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

Submit one copy to appropriate District Office

Oil Conservation Division
1220 South St. Francis Dr.

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE MINERAL AUTHORIZATION TO TRANSPORT

¹ Operator name and Address EOG RESOURCES INC PO BOX 2267 MIDLAND, TEXAS 79702		² OGRID Number 7377	
		³ Reason for Filing Code/ Effective Date NW 11/09/2020	
⁴ API Number 30 - 025-46451	⁵ Pool Name RED HILLS; BONE SPRING, EAST		⁶ Pool Code 97369
⁷ Property Code 313188	⁸ Property Name OSPREY 10		⁹ Well Number 302H

II. 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
N	10	25S	34E		200	SOUTH	1700	WEST	LEA

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	03	25S	34E		2525	SOUTH	2321	WEST	LEA
¹² Lse Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				
	FLOWING								

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
372812	EOGRM	OIL
151618	ENTERPRISE FIELD SERVICES	GAS
298751	REGENCY FIELD SERVICES	GAS
36785	DCP MIDSTREAM	GAS

IV. Well Completion Data

²¹ Spud Date 11/16/2019	²² Ready Date 11/09/2020	²³ TD 17,888'	²⁴ PBDT 17,858'	²⁵ Perforations 10,604 -17,858'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	1025'	785 SXS CL C/CIRC		
12 1/4"	9 5/8"	5750'	1335 SXS CL C/CIRC		
8 1/2"	5 1/2"	17,888'	1970 SXS CL H TOC 7510' CBL		

V. Well Test Data

³¹ Date New Oil 11/09/2020	³² Gas Delivery Date 11/09/2020	³³ Test Date 11/15/2020	³⁴ Test Length 24	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 655
³⁷ Choke Size 106	³⁸ Oil 3650	³⁹ Water 5241	⁴⁰ Gas 6229		⁴¹ Test Method
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Kay Maddox			OIL CONSERVATION DIVISION Approved by: Patricia Martinez Title: LM II Approval Date: 1/11/2021		
Printed name: Kay Maddox					
Title: SENIOR REGULATORY SPECIALIST					
E-mail Address: kay_maddox@eogresources.com					
Date: 12/17/2020		Phone: 432-638-8475			

Intent ☐ As Drilled ☐ XXX

API # 30-025-46451		
Operator Name: EOG RESOURCES, INC	Property Name: OSPREY 10	Well Number 302H

Kick Off Point (KOP)

UL N	Section 10	Township 25S	Range 34E	Lot	Feet 25	From N/S SOUTH	Feet 2275	From E/W WEST	County LEA
Latitude 32.1378410					Longitude 103.4589842			NAD 1983	

First Take Point (FTP)

UL N	Section 10	Township 25S	Range 34E	Lot	Feet 529	From N/S SOUTH	Feet 2280	From E/W WEST	County LEA
Latitude 32.1392269					Longitude 103.4589672			NAD 1983	

Last Take Point (LTP)

UL K	Section 3	Township 25S	Range 34E	Lot	Feet 2495	From N/S SOUTH	Feet 2321	From E/W WEST	County LEA
Latitude 32.1591454					Longitude 103.4588155			NAD 1983	

Is this well the defining well for the Horizontal Spacing Unit? ☐ YESIs this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

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 12195

CONDITIONS OF APPROVAL

Operator:	EOG RESOURCES INC	P.O. Box 2267	Midland, TX79702	OGRID:	7377	Action Number:	12195	Action Type:	C-105
OCD Reviewer	Condition								
plmartinez	None								