

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NM 00000000
 HOBBS
 NOV 21 2019
 RECEIVED

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other			5. Lease Serial No. NMNM26079		
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator EOG RESOURCES, INC			7. Unit or CA Agreement Name and No.		
Contact: KAY MADDOX E-Mail: KAY_MADDOX@EOGRESOURCES.COM			8. Lease Name and Well No. STREETCAR 15 FEDERAL 706H		
3. Address PO BOX 2267 MIDLAND, TX 79702			9. API Well No. 30-025-42877		
3a. Phone No. (include area code) Ph: 432-686-3658			10. Field and Pool, or Exploratory WC025 G09 S253309P;UP WC		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWSW 250FSL 560FWL 32.123989 N Lat, 103.566975 W Lon At top prod interval reported below SWSW 635FSL 427FWL 32.125046 N Lat, 103.567405 W Lon At total depth NWNW 111FNL 439FWL 32.137512 N Lat, 103.567362 W Lon			11. Sec., T., R., M., or Block and Survey or Area Sec 15 T25S R33E Mer NMP		
14. Date Spudded 03/09/2019		15. Date T.D. Reached 03/22/2019		16. Date Completed ☐ D & A ☒ Ready to Prod. 05/21/2019	
17. Elevations (DF, KB, RT, GL)* 3371 GL		18. Total Depth: MD 17340 TVD 12429			
19. Plug Back T.D.: MD 17304 TVD 12429		20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)			22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☐ No ☒ Yes (Submit analysis)		

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 J55	40.0		1172		680		0	
8.750	7.625 HCP110	29.7		11715		1618		0	
6.750	5.500 ICYP110	20.0		17320		550		7580	✓

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	12800	17304	12800 TO 17304	3.250	948	OPEN
B)						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
12800 TO 17304	11,592,740 LBS PROPPANT; 205,665 BBLs LOAD FLUID

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
05/21/2019	05/24/2019	24	→	2645.0	5766.0	8731.0	47.0		FLOW FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 1703.0	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	POW
64							2180		

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #469071 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

Reclamation due: 11/21/2019

NOV 21 2019
 BUREAU OF LAND MANAGEMENT
 ROSWELL FIELD OFFICE

28b. Production - Interval C									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.	31. Formation (Log) Markers
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Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
RUSTLER	1068		BARREN	RUSTLER	1068
T/SALT	1332		BARREN	T/SALT	1332
B/SALT	4729		BARREN	B/SALT	4729
BRUSHY CANYON	7641		OIL & GAS	BRUSHY CANYON	7641
1ST BONE SPRING SAND	10127		OIL & GAS	1ST BONE SPRING SAND	10127
2ND BONE SPRING SAND	10697		OIL & GAS	2ND BONE SPRING SAND	10697
3RD BONE SPRING SAND	11808		OIL & GAS	3RD BONE SPRING SAND	11808
WOLFCAMP	12289		OIL & GAS	WOLFCAMP	12289

32. Additional remarks (include plugging procedure):
PLEASE REFERENCE ATTACHMENTS

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7 Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #469071 Verified by the BLM Well Information System.
For EOG RESOURCES, INC, sent to the Hobbs
Committed to AFMSS for processing by JENNIFER SANCHEZ on 11/13/2019 ()**

Name (please print) KAY MADDOX Title REGULATORY SPECIALIST

Signature _____ (Electronic Submission) Date 06/13/2019

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

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

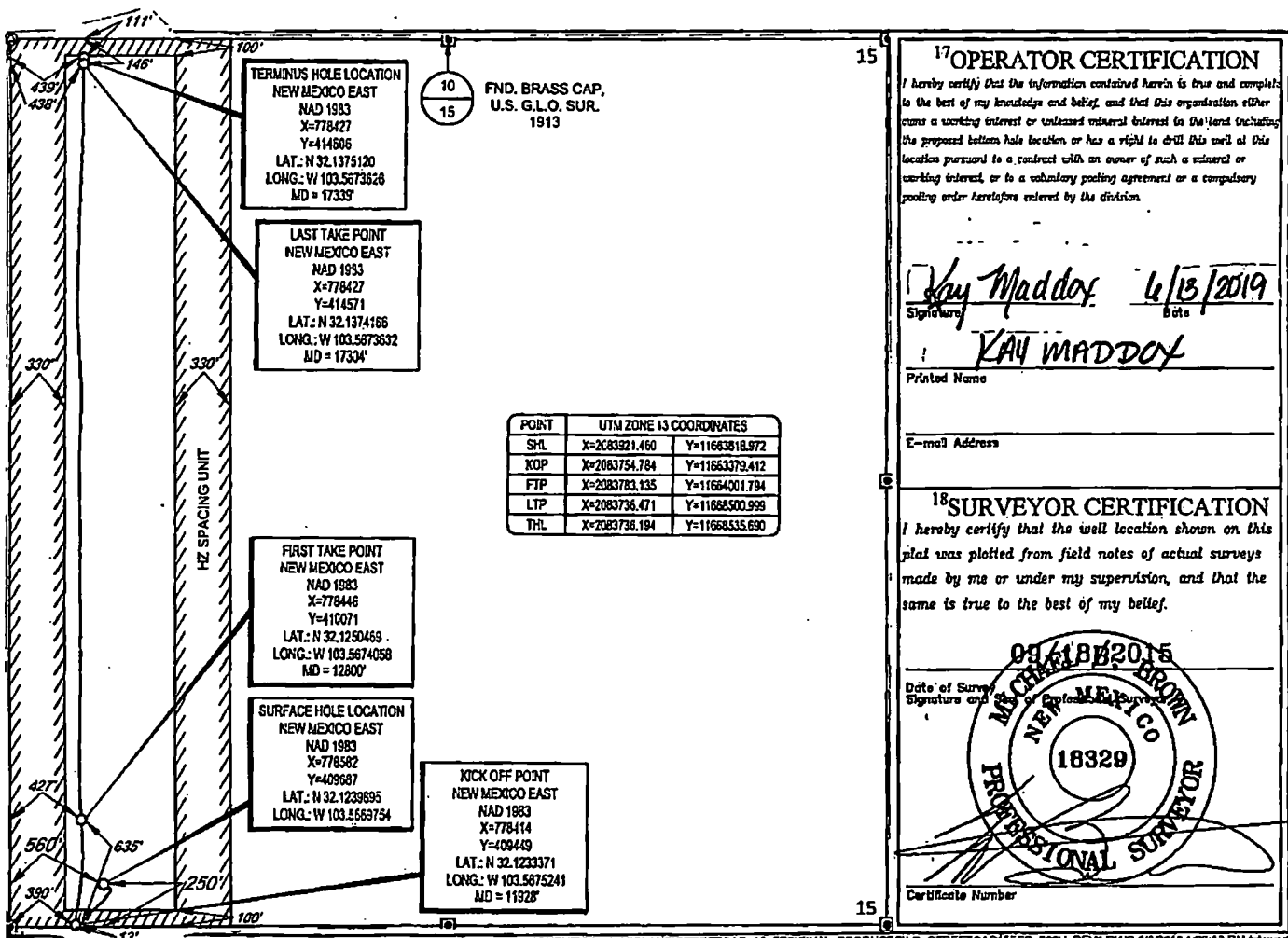
¹ API Number 30-025-42877		² Pool Code 98180		³ Pool Name WC-025 G-09 S253309P; Upper Wolfcamp	
⁴ Property Code 315310		⁵ Property Name STREETCAR 15 FED			⁶ Well Number #706H
⁷ GRID No. 7377		⁸ Operator Name EOG RESOURCES, INC.			⁹ Elevation 3371'

¹⁰ Surface Location									
UL or lot no. M	Section 15	Township 25-S	Range 33-E	Lot Idn -	Feet from the 250'	North/South line SOUTH	Feet from the 560'	East/West line WEST	County LEA

¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. D	Section 15	Township 25-S	Range 33-E	Lot Idn -	Feet from the 111'	North/South line NORTH	Feet from the 439'	East/West line WEST	County LEA

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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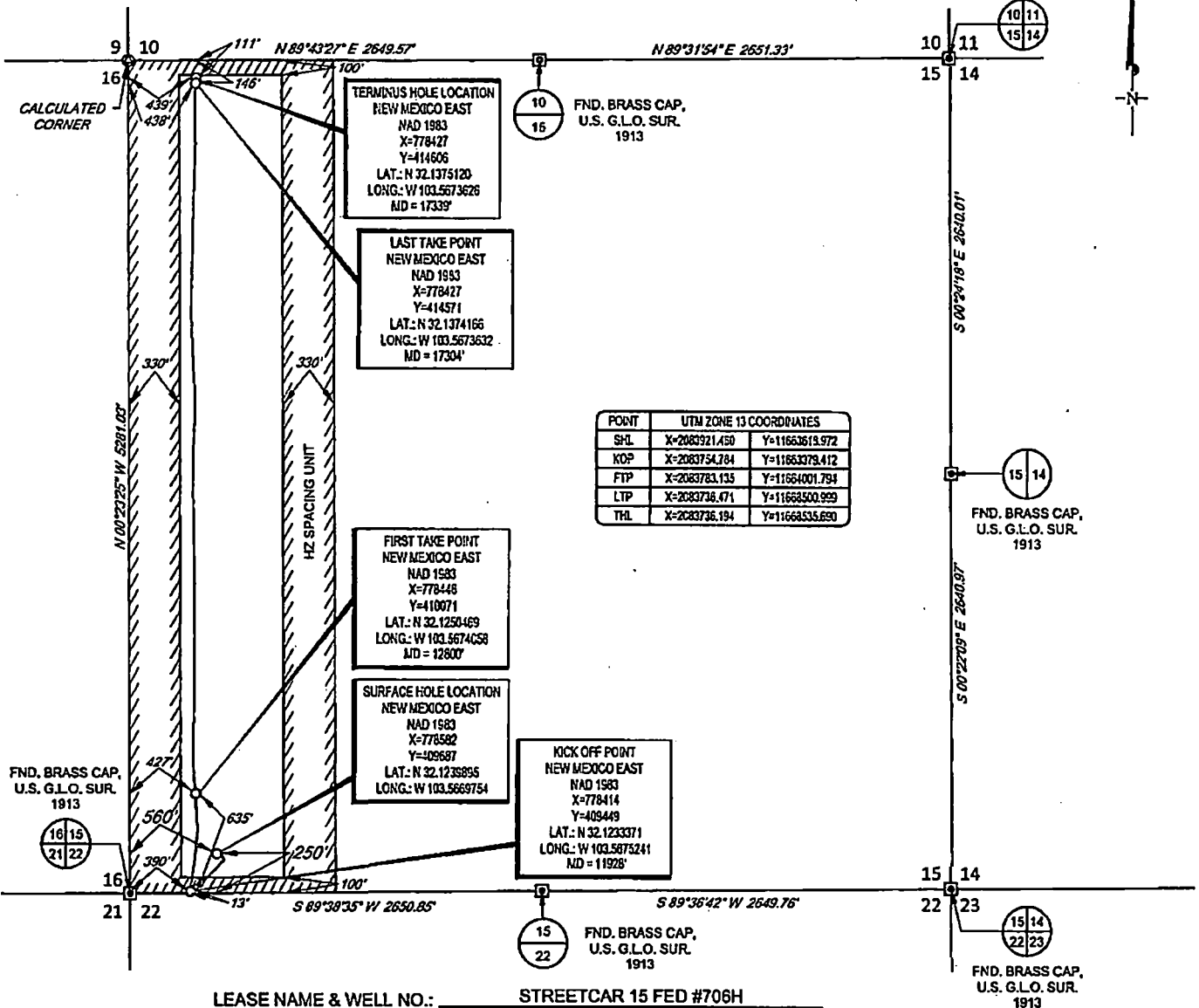
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



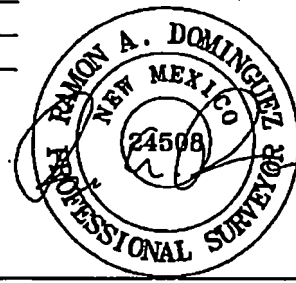
SCALE: 1" = 1000'
0' 500' 1000'

SECTION 15, TOWNSHIP 25-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO

FND. BRASS CAP,
U.S. G.L.O. SUR.
1913



1400 EVERMAN PARKWAY, Ste. 148 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7612 • FAX (817) 744-7534
TEXAS FIRM REGISTRATION NO.: 10042504
WWW.TOPOGRAPHIC.COM



Ramon A. Dominguez, P.S. No. 24508
MAY 17, 2019

STREETCAR 15 FED #706H AS-COMPLETED	REVISION:	NOTES: 1. ORIGINAL DOCUMENT SIZE: 8.5" X 11" 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 EOG RESOURCES, INC. THIS CERTIFICATION IS MADE AND LIMITED 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 SHOWN FOR INFORMATIONAL PURPOSES ONLY.
DATE: 05/17/19		
FILE: AD_STREETCAR15FED_706H		
DRAWN BY: IMU		
SHEET: 1 OF 1		

Bureau of Land Management
WATER PRODUCTION & DISPOSAL INFORMATION

LEASE: STREETCAR 15 FEDERAL

Lease no NMNM 26079

SECTION 15, T25S, R33E

Well: Streetcar 15 Federal #706H 30-025-42877

1. Name of formation producing water on lease: WOLFCAMP
2. Amount of water produced from all formations in barrels per day 6000-8000 BWPD
3. How water is stored on lease 4 – 400 BBL Tanks
4. How water is moved to disposal facility Pipeline/Trucked
5. Disposal Facility:

EOG Red Hills Gathering System - 97% of water, 3% water

a. Name of Operator/facility well name & number

MESQUITE SWD, INC

OWL SWD OPERATING, LLC

Cotton Draw SWD #66

Maralo Sholes B #2

30-025-22024

30-025-09806

E-10-25S-32E

P-25-25S-36E

Permit No SWD 1306-0

Permit No SWD 1127-0

DACO OPERATING, LLC

Challenger Fortress

42-301-32997

Loving County, Texas

UIC NO 114148

Type of facility or wells SWD



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Streetcar 15 Fed

#706H

OH

Design: OH

Midland PVA

22 March, 2019



Midland PVA

Company:	EOG Resources - Midland		Local Co-ordinate Reference:	Well #706H
Project:	Lea County, NM (NAD 83 NME)		TVD Reference:	KB = 25 @ 3395.0usft
Site:	Streetcar 15 Fed		MD Reference:	KB = 25 @ 3395.0usft
Well:	#706H		North Reference:	Grid
Wellbore:	OH		Survey Calculation Method:	Minimum Curvature
Design:	OH		Database:	EDM 5000.14

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:	Streetcar 15 Fed				
Site Position:		Northing:	409,714.00 usft	Latitude:	32° 7' 28.337 N
From:	Map	Easting:	782,680.00 usft	Longitude:	103° 33' 13.460 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.41 "

Well:	#706H					
Well Position	+N-S	0.0 usft	Northing:	409,687.00 usft	Latitude:	32° 7' 28.381 N
	+E-W	0.0 usft	Easting:	778,582.00 usft	Longitude:	103° 34' 1.113 W
Position Uncertainty:	0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,370.0 usft	

Wellbore:	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	8/15/2018	6.82	58.96	47,760.23969317

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	357.93	

Survey Program	Date 3/22/2019			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
120.0	17,340.0	Leam MWD (OH)	MWD	OWSO MWD - Standard



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #706H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3395.0ush
Site:	Streeter 15 Fed	MD Reference:	KB = 25 @ 3395.0ush
Well:	#706H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey											
MD (ush)	Inc (°)	Alt (azimuth) (°)	TVD (ush)	N/S (ush)	EW (ush)	DLag (°/100ush)	BuId (°/100ush)	Turn (°/100ush)	High to Plan (ush)	Right to Plan (ush)	
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	0.0
120.0	1.40	6.40	120.0	1.5	0.2	1.17	1.17	0.00	-1.5	0.0	
238.0	1.70	43.50	235.9	4.1	1.5	0.68	0.28	31.88	-4.0	1.7	
409.0	1.30	45.60	408.9	7.3	4.7	0.23	-0.23	1.21	-8.5	2.0	
588.0	1.10	59.30	587.8	9.6	7.8	0.19	-0.11	7.65	-11.5	4.4	
777.0	1.30	77.80	776.8	11.0	11.3	0.23	0.11	8.79	-13.3	8.4	
871.0	1.10	84.30	870.8	11.3	13.2	0.26	-0.21	8.91	-14.3	10.0	
964.0	1.20	82.20	963.6	11.6	15.1	0.12	0.11	-2.26	-16.5	8.4	
1,058.0	1.30	83.10	1,057.7	11.8	17.1	0.11	0.11	0.86	-18.4	8.7	
1,230.0	1.10	79.40	1,229.7	12.4	20.6	0.12	-0.12	-2.15	-22.6	8.4	
1,418.0	0.60	65.70	1,415.7	13.1	23.3	0.29	-0.27	-7.37	-26.6	2.3	
1,603.0	0.70	23.10	1,602.7	14.5	24.6	0.26	0.05	-22.78	-23.0	-16.9	
1,790.0	0.80	357.10	1,789.7	17.1	25.0	0.22	0.11	-13.90	-15.8	-23.8	
1,977.0	1.00	0.10	1,976.8	20.2	24.9	0.08	0.05	1.60	-20.2	-24.9	
2,165.0	1.30	240.20	2,164.6	20.7	23.1	1.06	0.16	-63.78	30.3	-6.5	
2,259.0	1.10	244.80	2,258.8	19.8	21.3	0.24	-0.21	4.89	27.8	-8.9	
2,352.0	1.00	247.40	2,351.6	19.1	19.8	0.12	-0.11	2.80	25.6	-10.1	
2,540.0	0.40	278.70	2,539.6	18.6	17.8	0.37	-0.32	16.65	14.6	-21.1	
2,633.0	0.40	279.60	2,632.6	18.7	17.0	0.01	0.00	0.97	13.6	-21.3	
2,727.0	0.40	308.30	2,726.6	19.0	16.4	0.21	0.00	30.53	1.1	-25.0	
2,914.0	0.70	359.20	2,913.6	20.5	15.9	0.29	0.16	27.22	-20.3	-16.2	
3,008.0	0.40	97.50	3,007.5	21.0	16.2	0.91	-0.32	104.57	-13.3	23.0	
3,101.0	0.70	143.00	3,100.5	20.5	16.9	0.55	0.32	48.82	6.3	25.8	
3,184.0	1.20	90.60	3,183.5	20.1	18.2	1.02	0.54	-56.34	-18.0	20.3	
3,288.0	1.00	70.10	3,287.5	20.6	20.6	0.94	0.74	-21.81	-28.4	12.4	
3,477.0	1.00	143.20	3,476.4	20.3	24.6	0.99	-0.46	38.68	1.6	31.8	
3,571.0	1.30	177.30	3,570.4	18.6	25.1	0.76	0.32	36.28	17.4	25.8	



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #706H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3395.0ush
Site:	Streeter 15 Fed	MD Reference:	KB = 25 @ 3395.0ush
Well:	#706H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14'

MD (ush)	Inc (°)	Adj (adjmich) (")	TVD (ush)	N/S (ush)	EW (ush)	DLog (°/100ush)	Build (°/100ush)	Turn (°/100ush)	High to Plan (ush)	Right to Plan (ush)
3,664.0	1.80	190.10	3,663.4	16.1	24.9	0.63	0.54	13.76	20.2	21.7
3,758.0	1.80	173.40	3,757.3	13.1	24.8	0.59	0.11	-17.77	10.2	28.2
3,852.0	2.50	152.00	3,851.3	9.8	25.0	1.07	0.64	-22.77	-3.5	27.5
3,945.0	1.40	175.00	3,944.2	6.9	27.0	1.43	-1.16	24.73	4.5	27.5
4,039.0	1.40	246.70	4,038.2	5.3	26.0	1.74	0.00	78.28	26.0	5.5
4,133.0	1.10	225.50	4,132.2	4.2	24.3	0.58	-0.32	-22.55	20.3	14.1
4,228.0	1.00	198.60	4,225.2	2.9	23.5	0.54	-0.11	-28.92	10.1	21.3
4,319.0	2.40	139.80	4,318.1	0.5	24.5	2.24	1.51	-64.30	-15.7	16.8
4,413.0	3.30	145.30	4,412.0	-3.2	27.3	1.02	0.98	6.91	-18.1	20.7
4,507.0	3.10	150.80	4,505.9	-7.6	30.1	0.39	-0.21	5.65	-21.3	22.8
4,600.0	4.80	131.60	4,598.7	-12.3	34.1	2.11	1.61	-20.65	-33.6	13.5
4,694.0	6.60	151.80	4,692.2	-19.5	39.5	2.88	2.13	21.49	-35.8	25.7
4,787.0	8.10	160.40	4,784.6	-28.9	43.7	1.15	-0.54	8.25	-41.5	32.0
4,881.0	4.70	192.60	4,878.2	-37.4	44.5	3.48	-1.49	34.26	-23.1	63.1
4,974.0	5.60	218.10	4,970.9	-44.7	40.9	2.62	0.97	27.42	0.3	69.3
5,068.0	5.60	223.90	5,054.4	-51.6	34.9	0.60	0.00	6.17	5.6	59.2
5,162.0	5.60	221.60	5,158.0	-58.3	28.6	0.24	0.00	-2.45	2.8	57.3
5,256.0	5.60	218.60	5,245.1	-72.2	16.7	0.09	0.00	-0.96	0.2	55.7
5,357.0	5.50	215.10	5,331.2	-86.6	5.7	0.25	-0.05	-2.51	-5.0	55.0
5,450.0	6.40	225.80	5,623.7	-93.6	-0.6	1.53	0.97	11.51	4.2	54.3
5,724.0	6.50	230.40	5,717.1	-109.9	-8.5	0.56	0.11	4.69	6.4	52.0
5,818.0	6.50	227.40	5,810.5	-107.9	-18.5	0.36	0.00	-3.19	1.6	50.1
6,005.0	5.90	227.70	5,896.4	-121.5	-31.4	0.32	-0.32	0.16	-1.3	46.5
6,088.0	5.50	227.40	6,089.0	-127.7	-38.2	0.43	-0.43	-0.32	-2.3	44.7
6,182.0	5.20	227.00	6,182.6	-133.7	-44.6	0.32	-0.32	-0.43	-2.8	43.0
6,378.0	4.70	227.40	6,368.9	-144.6	-56.5	0.27	-0.27	0.21	-1.6	39.5
6,473.0	6.90	234.80	6,462.4	-150.5	-63.9	2.47	2.34	7.87	2.2	37.0



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #706H
Project:	Las County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3395.0ush
Site:	Streetcar 15 Fed	MD Reference:	KB = 25 @ 3395.0ush
Well:	#706H	North Reference:	Grid:
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

MD (ush)	Inc (°)	Azi (azimuth) (°)	TVD (ush)	NS (ush)	EW (ush)	DLog (°/100ush)	Budd (°/100ush)	Turn (°/100ush)	High to Plan (ush)	Right to Plan (ush)
6,681.0	7.40	236.20	6,648.9	-163.8	-83.2	0.28	0.27	0.74	-3.9	31.1
6,648.0	6.90	235.80	6,634.5	-176.6	-102.5	0.27	-0.27	-0.21	-11.1	24.8
6,641.0	6.40	235.50	6,626.8	-182.8	-111.4	0.54	-0.54	-0.32	-13.6	21.8
7,035.0	6.20	235.80	7,020.3	-186.7	-119.9	0.22	-0.21	0.32	-15.8	19.0
7,129.0	5.70	235.00	7,113.8	-184.2	-127.9	0.54	-0.53	-0.85	-17.6	15.8
7,222.0	4.80	244.30	7,206.4	-198.3	-134.6	2.01	-1.83	10.00	-15.0	15.0
7,316.0	2.60	248.60	7,300.3	-200.4	-139.6	1.51	-1.48	4.79	-11.8	11.8
7,409.0	2.40	242.70	7,393.2	-202.1	-143.3	0.36	-0.22	-6.56	-9.4	8.2
7,598.0	2.10	248.10	7,580.0	-205.2	-149.9	0.20	-0.16	2.89	-7.6	2.0
7,784.0	0.40	39.30	7,768.0	-206.0	-152.7	1.31	-0.60	20.43	9.3	3.6
7,878.0	0.40	284.20	7,862.0	-205.6	-152.8	0.68	0.00	-111.81	-8.2	7.8
7,971.0	0.30	276.80	7,955.0	-205.4	-153.3	0.16	-0.11	-16.71	-8.8	5.5
8,065.0	0.50	130.20	8,049.0	-205.6	-153.3	0.82	0.21	-155.98	4.1	-9.5
8,160.0	0.70	89.60	8,144.0	-205.9	-152.4	0.48	0.21	-42.42	8.4	-4.9
8,253.0	1.00	102.60	8,237.0	-206.1	-151.0	0.38	0.32	13.68	8.7	-8.5
8,348.0	1.10	110.00	8,332.0	-206.6	-149.3	0.18	0.11	7.79	3.1	-7.1
8,441.0	1.10	127.00	8,424.9	-207.4	-147.8	0.35	0.00	18.28	-0.8	-7.4
8,534.0	1.30	130.00	8,517.9	-208.6	-146.3	0.23	0.22	3.23	-3.2	-7.3
8,628.0	1.60	136.30	8,611.8	-210.3	-144.6	0.36	0.32	6.70	-6.3	-6.6
8,722.0	2.00	145.70	8,705.8	-212.6	-142.7	0.53	0.43	10.00	-10.3	-3.5
8,816.0	0.70	125.10	8,799.8	-214.3	-141.3	1.45	-1.38	-21.01	-9.8	-9.3
8,909.0	0.60	137.20	8,892.8	-214.9	-140.5	0.16	-0.11	13.01	-12.6	-6.9
9,003.0	0.70	166.00	8,886.8	-215.9	-140.1	0.38	0.11	30.64	-15.4	0.2
9,096.0	1.00	177.50	8,079.8	-217.2	-139.9	0.37	0.32	12.37	-16.4	3.4
9,180.0	0.80	182.20	9,173.8	-218.7	-139.9	0.23	-0.21	5.00	-17.5	4.8
9,284.0	1.00	147.60	9,267.8	-220.0	-139.5	0.60	0.21	-36.61	-18.5	-8.4
9,377.0	0.60	139.70	9,360.8	-221.2	-138.8	0.25	-0.22	-6.49	-18.9	-9.0



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #706H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3395.0ush
Site:	Streetcar 15 Fed	MD Reference:	KB = 25 @ 3395.0ush
Well:	#706H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey											
MD (ush)	Inc (°)	Azi (azimuth) (°)	TVD (ush)	N/S (ush)	E/W (ush)	DLag (°/100ush)	Build (°/100ush)	Turn (°/100ush)	High to Plan (ush)	Right to Plan (ush)	
9,471.0	1.10	153.60	9,454.7	-222.5	-137.8	0.40	0.32	14.79	-22.1	-4.0	
9,585.0	1.30	194.70	9,548.7	-224.4	-137.8	0.92	0.21	43.72	-21.0	12.1	
9,859.0	2.80	233.20	9,842.7	-226.6	-139.6	1.80	1.26	40.66	-11.8	23.2	
9,753.0	1.10	231.60	9,736.8	-228.4	-141.9	1.49	-1.49	-1.70	-16.4	22.8	
9,847.0	1.30	310.90	9,830.8	-228.3	-143.4	1.64	0.21	84.36	18.3	20.2	
9,941.0	2.00	272.80	9,924.8	-227.5	-145.9	1.34	0.74	-40.43	-0.5	26.6	
10,033.0	1.70	318.60	10,018.5	-228.4	-148.4	1.56	-0.32	48.62	16.1	20.1	
10,128.0	1.10	281.00	10,111.5	-225.0	-150.2	0.93	-0.65	-28.68	2.8	24.6	
10,222.0	1.30	246.90	10,205.5	-225.1	-152.0	0.98	0.21	-46.61	-16.8	18.0	
10,316.0	1.70	286.30	10,298.5	-225.1	-154.3	1.16	0.43	42.37	-3.1	26.1	
10,408.0	1.30	280.50	10,391.4	-224.4	-156.8	0.45	-0.43	4.52	-3.6	28.3	
10,503.0	1.20	282.40	10,486.4	-223.6	-158.5	0.11	-0.11	2.00	-4.8	26.5	
10,596.0	0.80	279.10	10,578.4	-223.1	-160.1	0.49	-0.43	-14.30	-12.4	24.4	
10,690.0	1.00	243.00	10,673.4	-223.4	-161.5	0.63	0.21	-28.40	-25.7	12.1	
10,784.0	2.00	233.40	10,767.3	-224.8	-163.5	1.08	1.08	-10.21	-29.8	7.5	
10,878.0	1.40	225.50	10,861.3	-226.6	-165.6	0.88	-0.64	-8.40	-33.3	3.1	
10,971.0	2.30	204.50	10,954.2	-228.0	-167.2	1.20	0.97	-22.58	-35.1	-9.5	
11,065.0	1.20	196.80	11,048.2	-231.7	-168.3	1.19	-1.17	-8.19	-36.4	-14.4	
11,158.0	0.80	114.20	11,141.2	-232.8	-168.1	1.37	-0.85	-88.82	9.0	-38.9	
11,252.0	2.10	125.80	11,235.2	-234.0	-166.3	1.61	1.60	12.34	-1.3	-39.6	
11,346.0	1.80	171.50	11,329.1	-236.5	-164.7	1.64	-0.32	-48.62	-32.1	-25.7	
11,439.0	0.40	30.30	11,422.1	-237.7	-164.3	2.29	-1.51	-151.83	41.9	-1.0	
11,533.0	0.50	301.90	11,516.1	-237.2	-164.5	0.67	0.11	-64.64	1.7	41.5	
11,627.0	1.10	303.00	11,610.1	-236.8	-165.6	0.64	0.64	1.17	1.2	41.5	
11,678.0	1.10	275.20	11,661.1	-236.2	-166.5	1.04	0.00	-54.51	-19.2	37.1	
11,755.0	2.40	199.60	11,738.1	-237.6	-167.7	3.09	1.69	-98.18	-42.5	-10.1	
11,850.0	0.40	183.40	11,833.0	-239.8	-166.4	2.13	-2.11	-17.05	-40.2	-22.1	



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #706H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3395.0usf
Site:	Streetcar 15 Fed	MD Reference:	KB = 25 @ 3395.0usf
Well:	#706H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

MD (usf)	Inc (°)	Azi (azimuth) (°)	TVD (usf)	N/S (usf)	E/W (usf)	Dip (°/100usf)	Build (°/100usf)	Turn (°/100usf)	High to Plan (usf)	Right to Plan (usf)
11,943.0	2.80	9.60	11,928.0	-237.9	-188.1	3.44	2.58	-188.88	40.4	17.8
12,038.0	18.20	8.50	12,019.5	-222.4	-185.7	14.11	14.11	-1.18	31.8	17.3
12,132.0	31.00	7.30	12,105.4	-185.2	-160.7	15.75	15.74	-1.28	17.3	14.7
12,226.0	41.20	9.60	12,181.2	-130.8	-152.4	10.94	10.85	2.45	0.7	7.9
12,320.0	52.10	7.80	12,245.7	-83.1	-142.2	11.68	11.60	-1.81	-15.5	-1.1
12,367.0	62.10	5.70	12,271.2	-24.0	-137.8	21.60	21.28	-4.47	-24.9	-8.0
12,413.0	63.00	5.40	12,291.8	17.0	-133.8	8.33	8.30	-0.65	-34.7	-10.0
12,460.0	68.20	4.90	12,311.1	59.7	-128.8	2.73	2.55	-1.08	-41.6	-14.1
12,507.0	68.70	4.90	12,329.8	102.8	-128.1	1.08	1.08	0.00	-44.2	-18.3
12,554.0	68.40	0.60	12,347.8	148.0	-124.0	9.20	3.82	-9.15	-41.9	-22.1
12,600.0	69.70	358.30	12,364.2	188.9	-124.4	5.48	2.83	-5.00	-38.4	-22.5
12,647.0	74.60	358.20	12,378.8	233.8	-128.8	11.28	10.43	-4.47	-28.8	-20.7
12,694.0	77.00	358.20	12,390.2	279.0	-129.8	5.11	5.11	0.00	-19.2	-17.9
12,741.0	78.20	358.20	12,400.3	324.9	-132.7	2.55	2.55	0.00	-9.5	-15.0
12,788.0	80.70	357.10	12,408.8	371.0	-135.4	5.84	5.32	1.91	-1.3	-12.5
12,835.0	83.10	357.30	12,415.5	417.4	-137.8	5.12	5.11	0.43	4.9	-10.5
12,882.0	87.00	357.10	12,419.5	464.2	-139.9	8.31	8.30	-0.43	8.7	-8.5
12,930.0	88.80	358.80	12,423.3	582.0	-145.0	1.65	1.63	-0.20	11.8	-4.0
13,073.0	91.40	1.20	12,423.3	655.0	-148.8	5.52	3.01	4.82	11.2	-3.1
13,167.0	90.00	359.10	12,422.2	748.9	-148.3	2.68	-1.49	-2.23	9.4	-4.0
13,260.0	89.30	1.30	12,422.7	841.9	-148.0	2.48	-0.75	2.37	8.4	-4.9
13,354.0	88.80	0.10	12,424.9	833.9	-144.9	1.88	-1.38	-1.28	11.0	-8.7
13,448.0	87.80	1.50	12,428.4	1,028.8	-143.5	1.50	-0.21	1.49	13.9	-8.8
13,541.0	88.60	359.80	12,431.3	1,122.8	-142.5	2.02	0.88	-1.83	18.2	-10.3
13,635.0	89.20	0.80	12,433.1	1,218.7	-142.0	1.24	0.84	1.06	17.4	-11.4
13,728.0	91.70	0.10	12,432.4	1,308.7	-141.3	2.78	2.69	-0.75	18.1	-12.8
13,822.0	90.10	359.40	12,430.0	1,403.7	-141.7	1.88	-1.70	-0.74	14.0	-13.0



Midland PVA

Company:	EOG Resources - Leiland	Local Co-ordinate Reference:	Well #706H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3395.0ush
Site:	Streetcar 15 Fed	MD Reference:	KB = 25 @ 3395.0ush
Well:	#706H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey											
MD (ush)	Inc (°)	Azi (azimuth) (°)	TVD (ush)	NS (ush)	EW (ush)	DLeg (°/100ush)	Build (°/100ush)	Turn (°/100ush)	High to Plan (ush)	Right to Plan (ush)	
13,815.0	90.40	358.90	12,430.5	1,486.7	-143.1	0.63	0.32	-0.34	13.1	-12.2	
14,009.0	90.80	359.40	12,429.5	1,590.7	-144.5	0.68	0.43	0.53	11.5	-11.4	
14,102.0	90.70	0.50	12,428.3	1,683.7	-144.5	1.18	-0.11	1.18	9.7	-12.0	
14,198.0	88.10	359.20	12,429.3	1,777.7	-144.8	3.09	-2.77	-1.38	10.1	-12.4	
14,290.0	89.80	358.70	12,431.8	1,871.6	-146.5	0.92	0.74	-0.53	12.0	-11.3	
14,384.0	89.20	358.80	12,433.5	1,965.6	-148.5	0.48	0.43	0.21	13.1	-8.9	
14,477.0	91.30	359.60	12,433.1	2,058.6	-149.7	2.38	2.28	0.75	12.1	-8.3	
14,571.0	91.90	357.30	12,430.4	2,152.5	-152.3	2.53	0.64	-2.45	8.9	-7.4	
14,665.0	89.70	359.80	12,429.8	2,246.4	-154.6	4.32	-3.40	2.68	7.8	-5.8	
14,759.0	85.60	359.20	12,434.6	2,340.3	-155.4	3.38	-3.30	-0.64	11.9	-5.5	
14,853.0	87.80	358.60	12,440.2	2,434.1	-157.0	2.15	2.13	-0.32	18.8	-4.5	
14,947.0	83.10	1.30	12,443.7	2,528.0	-158.8	2.61	0.53	2.55	19.8	-3.3	
15,041.0	91.10	1.90	12,444.4	2,622.0	-154.2	3.25	3.18	0.64	19.9	-8.8	
15,135.0	89.30	2.20	12,444.9	2,715.9	-150.8	3.00	-2.58	0.32	19.8	-12.5	
15,228.0	88.90	1.20	12,448.8	2,809.8	-148.1	1.85	-1.51	-1.08	23.1	-15.9	
15,321.0	90.80	359.20	12,450.8	2,901.7	-147.8	4.52	3.98	-2.15	24.6	-18.9	
15,415.0	91.90	355.20	12,448.7	2,995.6	-152.3	4.47	1.38	-4.28	21.9	-12.8	
15,507.0	89.30	355.90	12,447.8	3,087.3	-158.5	2.93	-2.83	0.78	20.4	-8.3	
15,601.0	90.50	356.80	12,447.9	3,181.1	-165.5	1.60	1.28	0.96	20.0	-1.0	
15,695.0	90.70	357.30	12,447.0	3,275.0	-170.3	0.57	0.21	0.53	18.4	3.2	
15,788.0	82.50	357.10	12,444.4	3,367.8	-174.8	1.85	1.94	-0.22	15.2	7.1	
15,881.0	80.70	359.10	12,441.8	3,460.7	-177.9	2.89	-1.94	2.15	11.8	8.6	
15,975.0	85.90	1.30	12,444.6	3,554.7	-177.6	5.62	-5.11	2.34	13.6	6.7	
16,069.0	83.10	1.50	12,448.5	3,649.5	-175.3	2.35	2.34	0.21	18.0	5.7	
16,163.0	88.80	1.70	12,451.8	3,742.4	-172.7	0.88	0.85	0.21	19.6	2.5	
16,256.0	91.10	0.50	12,451.9	3,835.4	-170.9	2.69	2.37	-1.29	18.9	0.1	
16,350.0	93.20	0.60	12,448.4	3,929.3	-170.0	2.24	2.23	0.11	14.5	-1.4	



Lea County, NM (NAD 83 NME)

Streetcar 15 Fed #706H

Plan #1



Adjustment to Grid North
True North: 0.41°
Magnetic North: 6.41°
Magnetic Field
Strength: 47752.2nT
Dip Angle: 83.36°
Date: 6/15/2018
Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction, Add 0.41°
To convert a True Direction to a Grid Direction, Subtract 0.41°

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: #706H

KB = 25 @ 3355.0m 3373.0
Northing: 409687.00 Easting: 776382.00 Latitude: 32° 7' 28.361" N Longitude: 103° 34' 1.113" W

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/S	+E/W	Diag	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	4729.0	0.00	0.00	4729.0	0.0	0.0	0.00	0.00	0.0	
3	4968.1	5.34	215.62	4968.7	-10.1	-7.2	2.00	215.62	-8.5	
4	7385.1	5.34	215.62	7374.3	-130.8	-133.0	0.00	0.00	-183.8	
5	7852.1	0.00	0.00	7841.0	-201.0	-144.0	2.00	180.00	-183.7	
6	11943.3	0.00	0.00	11932.2	-201.0	-144.0	0.00	0.00	-193.7	
7	12890.3	69.63	359.62	12409.7	273.4	-147.2	12.00	359.62	278.5	Brushy Top(SC 15 Fed #706H)
8	13362.0	88.83	359.62	12414.0	945.1	-151.8	0.00	0.00	850.0	TGT#1(SC 15 Fed #706H)
9	13362.7	89.84	359.62	12414.0	945.7	-151.8	2.00	0.00	850.6	
10	13783.1	89.84	359.62	12429.0	3346.1	-187.6	0.00	0.00	3350.0	TGT#2(SC 15 Fed #706H)
11	13769.1	89.52	359.62	12429.0	3352.1	-187.6	2.00	-180.00	3350.0	
12	16563.5	89.52	359.62	12434.0	3948.4	-171.6	0.00	0.00	3950.0	TGT#3(SC 15 Fed #706H)
13	16377.3	89.60	359.62	12434.1	3950.2	-171.6	2.00	0.00	3963.8	
14	18923.7	89.60	359.62	12436.0	4506.6	-175.3	0.00	0.00	4510.0	TGT#4(SC 15 Fed #706H)
15	16946.4	90.28	359.62	12436.0	4531.3	-175.4	2.00	0.00	4534.7	
16	17335.1	90.28	359.62	12434.0	4919.0	-178.0	0.00	0.00	4922.2	PBNH(SC 15 Fed #706H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP COORDINATES)

Name	TVD	+N/S	+E/W	Northing	Easting
Brushy Top(SC 15 Fed #706H)	7641.0	-251.8	-444.8	409688.00	776382.00
TGT#1(SC 15 Fed #706H)	12414.0	945.1	-151.8	410822.10	776432.39
TGT#2(SC 15 Fed #706H)	12429.0	3346.1	-187.6	410823.18	776414.63
TGT#3(SC 15 Fed #706H)	12434.0	3948.4	-171.6	410823.40	776410.48
TGT#4(SC 15 Fed #706H)	12436.0	4506.6	-175.3	411020.60	776383.74
PBNH(SC 15 Fed #706H)	12436.0	4531.3	-175.4	410828.00	776404.00
PTN(SC 15 Fed #706H)	12407.0	-151.8	-444.8	409618.00	776403.20

