

HOBBS OCD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED
AUG 2 2019

5. Lease Serial No. NMLC029405A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. PARTITION 24 FEDERAL AD 1H

9. API Well No. 30-025-44931-00-S1

10. Field and Pool, or Exploratory FREN GLORIETA-YESO

11. Sec., T., R., M., or Block and Survey or Area Sec 19 T17S R32E Mer NMP

12. County or Parish LEA 13. State NM

14. Date Spudded 01/21/2019 15. Date T.D. Reached 01/27/2019 16. Date Completed D & A Ready to Prod. 03/04/2019 17. Elevations (DF, KB, RT, GL)* 3935 GL

18. Total Depth: MD 10842 TVD 5381 19. Plug Back T.D.: MD 9246 TVD 5401 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NOLOGS 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
17.500	13.375 J-55	48.0	0	715		690		0	
12.250	9.625 J-55	36.0	0	2006		685		0	
8.500	7.000 L-80	26.0	0	3166					
8.500	5.500 L-80	17.0	3166	9255		585		0	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	4279							

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA -YESO	4499	9188	4499 TO 9188			FRAC PORTS
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4499 TO 9188	943BBLS ACID 15%, 148,658BBLS SW, 1,774,701# 100 MESH, 1,644,994# WI 40/70, 339,580# SLC 40/70

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
03/11/2019	03/11/2019	24	→	113.0	75.0	1490.0	35.0	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→	113	75	1490	663	POW	

ACCEPTED FOR RECORD
JUL 19 2019
Miriah Steube
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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 #458261 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Reclamation Due: 9/4/19

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

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
GLORIETA -YESO	4499	9188		RUSTLER	539
				TOP SALT	720
				BASE OF SALT	1712
				YATES	1893
				SEVEN RIVERS	2232
				QUEEN	2857
				GRAYBURG	3246
SAN ANDRES	3615				

32. Additional remarks (include plugging procedure):
2/26-3/4/2019 FRAC THRU FRAC PORTS @ 4499-9188 W/ 943BBLS ACID 15%, 148,658BBLS SW, 1,774,701# 100 MESH, 1,644,994# WI 40/70, 339,580# SLC 40/70. DRILL OUT PORTS @ 4499-9188', RIH W/ 131 JTS 2 7/8" J-55 TUBING @ 4279', CAVINS 5 1/2" DESANDER @ 4370', EOS @ 4701', ALL DEPTHS ARE WITH A 16.5 KB, ON TOP OF PUMP.

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 #458261 Verified by the BLM Well Information System.
For MACK ENERGY CORPORATION, sent to the Hobbs
Committed to AFMSS for processing by DINAH NEGRETE on 07/19/2019 (19DCN0167SE)

Name (please print) DEANA WEAVER Title PRODUCTION CLERK

Signature (Electronic Submission) Date 03/18/2019

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.

**** REVISED ** REVISED ****

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 30-025-44931	² Pool Code 26770	³ Pool Name Fran Glorieta Yeso
⁴ Property Code 321610	⁵ Property Name PARTITION 24 FED AD	
⁷ OGRID No. 13837	⁶ Operator Name MACK ENERGY CORPORATION	⁸ Well Number 1H
		⁹ Elevation 3928.4

" Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	19	17S	32E		812	NORTH	526	WEST	LEA

" 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
D	24	17S	31E		343	NORTH	102	WEST	EDDY

¹⁰ Dedicated Acres 160	¹¹ Joint or Infill	¹² Consolidation Code	¹³ 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.

PARTITION 24 FED AD 1H
ELEV. = 3928.4'
LAT. = 32.8251997°N (NAD83)
LONG. = 103.8127772°W
NMSP EAST (FT)
N = 664334.24
E = 701242.68

AS-DRILLED LAST TAKE POINT
361' FWL, 1757' FWL
LAT. = 32.8264532°N
LONG. = 103.8259739°W
NMSP EAST (FT)
N = 664770.57
E = 697186.65

AS-DRILLED BOTTOM OF HOLE
LAT. = 32.8264664°N
LONG. = 103.8313588°W
NMSP EAST (FT)
N = 664767.49
E = 695532.48

AS-DRILLED FIRST TAKE POINT
349' FWL, 208' FWL
LAT. = 32.8264731°N
LONG. = 103.8151608°W
NMSP EAST (FT)
N = 664793.92
E = 700508.19

SW CORNER SEC. 24
LAT. = 32.8128974°N
LONG. = 103.8316727°W
NMSP EAST (FT)
N = 659830.34
E = 695459.49

SW CORNER SEC. 19
LAT. = 32.8129181°N
LONG. = 103.8144784°W
NMSP EAST (FT)
N = 659863.35
E = 700742.03

SE CORNER SEC. 19
LAT. = 32.8128897°N
LONG. = 103.7971952°W
NMSP EAST (FT)
N = 659879.52
E = 706051.93

NOTE:
LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83) LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE. VERTICAL DATUM NAVD88.

" OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: Deana Weaver Date: 3/14/19

Printed Name: Deana Weaver

E-mail Address: dweaver@mec.com

" 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 and correct to the best of my belief.

MARCH 6, 2019

Date of Survey

Signature and Seal of Professional Surveyor: [Signature]

Certificate Number: FILIMON F. JARAMILLO, PLS 12797

SURVEY NO. 6871