

Form 3160-4
(August 2007)

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

5. Lease Serial No.
NMNM27919

1a. Type of Well Oil Well Gas Well Dry Other

b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
Other _____

2. Name of Operator: MEWBOURNE OIL COMPANY Contact: JACKIE LATHAN E-Mail: jlathan@mewbourne.com

3. Address: P O BOX 5270 HOBBS, NM 88241 3a. Phone No. (include area code) Ph: 575-393-5905

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface NESW 2200FSL 2150FWL 32.201992 N Lat, 104.059937 W Lon
At top prod interval reported below NWSE 1543FSL 2283FEL
At total depth NESE 1353FSL 316FEL

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. QUEEN 23 24 WOJI FEDERAL COM 1H

9. API Well No. 30-015-46089-00-S1

10. Field and Pool, or Exploratory WILDCAT

11. Sec., T., R., M., or Block and Survey or Area ~~PURPLE SAGE WOLFCAMP (GAS)~~ Sec 23 T24S R28E Mer NMP

12. County or Parish EDDY 13. State NM

14. Date Spudded 08/29/2019 15. Date T.D. Reached 09/16/2019 16. Date Completed D & A Ready to Prod. 10/29/2019

17. Elevations (DF, KB, RT, GL)* 2980 GL

18. Total Depth: MD 17472 TVD 9788 19. Plug Back T.D.: MD 17456 TVD 9788 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CCL CNL CBL&GR

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 J55	54.5	0	376		225	101	0	
12.250	9.625 HLC80	40.0	0	2583		725	217	0	
8.750	7.000 HCP110	29.0	0	9867		775	319	0	
6.125	4.500 HCP110	13.5	9071	17470		475	210	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)

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	9475	17472	10086 TO 17456	0.390	1656	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10086 TO 17456	18,009,222 GALS SLICKWATER CARRYING 11,815,340# LOCAL 100 MESH SAND & 6,185,640# LOCAL 40/70 SAND

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
10/29/2019	11/01/2019	24	→	1003.0	2323.0	3720.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
30/64	SI	2200.0	→	1003	2323	3720	2316	PGW	

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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

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

ELECTRONIC SUBMISSION #491617 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED **

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
WOLFCAMP	9475	17472	OIL & GAS	CASTILE RAMSEY DELAWARE BELL CANYON MANZANITA BRUSHY CANYON BONE SPRING WOLFCAMP	1112 2422 2630 2658 3668 4745 6308 9475

32. Additional remarks (include plugging procedure):
Logs will be sent by regular mail.

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 #491617 Verified by the BLM Well Information System.
For MEWBOURNE OIL COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by DINAH NEGRETE on 05/09/2020 (20DCN0061SE)**

Name (please print) JACKIE LATHAN Title REGULATORY

Signature (Electronic Submission) Date 11/08/2019

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.

Revisions to Operator-Submitted EC Data for Well Completion #491617

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM27919	NMNM27919
Agreement:		
Operator:	MEWBOURNE OIL COMPANY PO BOX 5270 HOBBS, NM 88241 Ph: 575-393-5905	MEWBOURNE OIL COMPANY P O BOX 5270 HOBBS, NM 88241 Ph: 575.393.5905
Admin Contact:	JACKIE LATHAN REGULATORY E-Mail: jlathan@mewbourne.com Ph: 575-393-5905	JACKIE LATHAN REGULATORY E-Mail: jlathan@mewbourne.com Ph: 575-393-5905
Tech Contact:	JACKIE LATHAN REGULATORY E-Mail: jlathan@mewbourne.com Ph: 575-393-5905	JACKIE LATHAN REGULATORY E-Mail: jlathan@mewbourne.com Ph: 575-393-5905
Well Name: Number:	QUEEN 23/24 W0JI FED COM 1H	QUEEN 23 24 W0JI FEDERAL COM 1H
Location:		
State:	NM	NM
County:	EDDY	EDDY
S/T/R:	Sec 23 T24S R28E Mer	Sec 23 T24S R28E Mer NMP
Surf Loc:	NESW 2200FSL 2150FWL	NESW 2200FSL 2150FWL 32.201992 N Lat, 104.059937 W Lon
Field/Pool:	PURPLE SAGE WOLFCAMP GAS	WILDCAT
Logs Run:	CCL, CNL, CBL & GR	CCL CNL CBL&GR
Producing Intervals - Formations:	WOLFCAMP	WOLFCAMP
Porous Zones:	WOLFCAMP	WOLFCAMP
Markers:	CASTILE RAMSEY DELAWARE BELL CANYON MANZANITA BRUSHY CANYON BONE SPRING WOLFCAMP	CASTILE RAMSEY DELAWARE BELL CANYON MANZANITA BRUSHY CANYON BONE SPRING WOLFCAMP