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Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTJAN 10 2019
OCD ArtesiaFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Lease Serial No.
NMNM93771

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
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)* Sec 24 T18S R30E Mer NMP At surface NENE 450FNL 185FEL 32.738922 N Lat, 103.917488 W Lon Sec 24 T18S R30E Mer NMP At top prod interval reported below NENE 479FNL 361FEL 32.738804 N Lat, 103.917458 W Lon Sec 23 T18S R30E Mer NMP At total depth NWNW 482FNL 101FWL 32.738934 N Lat, 103.950142 W Lon			10. Field and Pool, or Exploratory SHUGART		
			11. Sec., T., R., M., or Block and Survey or Area Sec 24 T18S R30E Mer NMP		
			12. County or Parish EDDY		
			13. State NM		
14. Date Spudded 07/01/2018		15. Date T.D. Reached 08/03/2018		16. Date Completed ☐ D & A ☒ Ready to Prod. 10/04/2018	
18. Total Depth: MD TVD		18930 8579		19. Plug Back T.D.: MD TVD	
				18892 8579	
				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
12.250	9.625 HGL80	40.0	0	215		0	0	0	
17.500	13.375 J55	54.5	0	615		575	165	0	
8.750	7.000 HCP110	29.0	0	9008		925	307	0	
12.250	9.625 J55	36.0	215	1903		855	238	0	
6.125	4.500 HCP110	13.5	8232	18885		600	276	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)
3.500	8171							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING NORTH			8825 TO 18885	0.390	1728	OPEN
B) BONE SPRING	8230	18930				
C)						
D)						

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

Depth Interval	Amount and Type of Material
8825 TO 18885	20,741,952 GALS SLICKWATER CARRYING 13,358,980# LOCAL 100 MESH SAND & 6,597,660# 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
10/04/2018	10/12/2018	24	→	414.0	524.0	1498.0	47.6	0.79	FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
39/64"	SI	0.0	→	414	524	1498	3618	POW	

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 #439904 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Reclamation Due: 4/4/2019

ACCEPTED FOR RECORD

DEC - 8 2018

Wendy Hester

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720
District II
111 S. First St., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 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

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Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

DISTRICT II-ARTESIA O.C.D.

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

As Drilled

1 API Number 30-015-44579	2 Pool Code 56405	3 Pool Name Shugart; Bone Spring North
4 Property Code 320081	5 Property Name VIRGO 24/23 B2AD FED COM	6 Well Number 1H
7 GRID NO. 14744	8 Operator Name MEWBOURNE OIL COMPANY	9 Elevation 3632'

10 Surface Location

UL or lot no. A	Section 24	Township 18S	Range 30E	Lot Idn	Feet from the 450	North/South line NORTH	Feet from the 185	East/West line EAST	County EDDY
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11 Bottom Hole Location If Different From Surface

UL or lot no. D	Section 23	Township 18S	Range 30E	Lot Idn	Feet from the 482	North/South line NORTH	Feet from the 101	East/West line WEST	County EDDY
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12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

16 GEODETIC DATA NAD 27 GRID - NM EAST SURFACE LOCATION N: 632739.3 - E: 628021.0 LAT: 32.73880381° N LONG: 103.91698403° W BOTTOM HOLE N: 632705.8 - E: 617981.9 LAT: 32.73881577° N LONG: 103.94963280° W GEODETIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION N: 632802.6 - E: 669200.0 LAT: 32.73892244° N LONG: 103.91748977° W BOTTOM HOLE N: 632769.0 - E: 659160.9 LAT: 32.73893415° N LONG: 103.95013939° W	CORNER DATA NAD 27 GRID - NM EAST A: FOUND BRASS CAP "1916" N: 627876.9 - E: 617667.5 B: FOUND BRASS CAP "1916" N: 633154.6 - E: 617650.5 C: FOUND BRASS CAP "1916" N: 633171.6 - E: 622927.3 D: FOUND BRASS CAP "1916" N: 633180.5 - E: 625565.8 E: FOUND BRASS CAP "1916" N: 633189.8 - E: 628204.6	F: FOUND BRASS CAP "1916" N: 630550.9 - E: 628213.1 G: FOUND BRASS CAP "1916" N: 627911.6 - E: 628222.0 H: FOUND BRASS CAP "1916" N: 627894.3 - E: 625578.5 I: FOUND BRASS CAP "1916" N: 627892.9 - E: 622944.3 J: FOUND BRASS CAP "1916" N: 627885.3 - E: 620305.6 K: FOUND BRASS CAP "1916" N: 630533.0 - E: 622935.8	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. Signature: <u>Jackie Lathan</u> Date: <u>10/17/18</u> Printed Name: <u>Jackie Lathan</u> 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 and correct to the best of my belief. 3-04-2016 Date of Survey Signature and Seal of Professional Surveyor: <u>Robert M. Howett</u> 19880 Certificate Number