

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

State of New Mexico
Energy, Minerals & Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

FEB 19 2019

Submit one copy to appropriate District Office

DISTRICT II-ARTESIA O.C.D.

☐ AMENDED REPORT

Form C-104
Revised August 1, 2011

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Mewbourne Oil Company PO Box 5270 Hobbs, NM 88241		² OGRID Number 14744
		³ Reason for Filing Code/ Effective Date New Well / 1/18/2019
⁴ API Number 30 - 015-45069	⁵ Pool Name Purple Sage Wolfcamp (gas)	⁶ Pool Code 98220
⁷ Property Code 321618	⁸ Property Name Prince 31 W1DA Fed Com	⁹ Well Number 2H

II. ¹⁰ Surface Location

UL or lot no. D	Section 31	Township 24S	Range 29E	Lot Idn	Feet from the 850'	North/South Line North	Feet from the 330'	East/West line West	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. A	Section 31	Township 24S	Range 29E	Lot Idn	Feet from the 953'	North/South line North	Feet from the 334'	East/West line East	County Eddy
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¹² Lse Code F	¹³ Producing Method Code Flowing	¹⁴ Gas Connection Date 1/18/2019	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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III. Oil and Gas Transporters ~~We are asking for an exemption from tubing at this time.~~

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
35246	Shells Trading US CO PO Box 4604 Houston, TX 77210-4604	O
371960	Lucid Energy Group 3100 McKinnon, Suite 800 Dallas, TX 75201	G

IV. Well Completion Data

²¹ Spud Date 10/20/2018	²² Ready Date 1/18/2019	²³ TD 14685' / 10057	²⁴ PBDT 14655'	²⁵ Perforations 10232'-14645'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/4"	415'	500 - cnc		
12 1/4"	9 5/8"	2670'	800 - cnc		
8 3/4"	7"	10263'	800 - cnc		
6 1/2"	4 1/2"	9408' - 14645'	275 - cnc		

V. Well Test Data

³¹ Date New Oil 1/18/2019	³² Gas Delivery Date 1/18/2019	³³ Test Date 1/20/19	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure NA	³⁶ Csg. Pressure 2100
³⁷ Choke Size 28/64	³⁸ Oil 342	³⁹ Water 2745	⁴⁰ Gas 1737		⁴¹ Test Method Production

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:

Ruballero

Printed name:
Ruby Caballero

Title:
Regulatory

E-mail Address:
rcaballero@mewbourne.com

Date:
02/15/19

Phone:
575-393-5905

OIL CONSERVATION DIVISION

Approved by:

Rusty Klein
Business Ops Spec A

Approval Date:

2-22-2019

Pending BLM approvals will
subsequently be reviewed
and scanned

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Form 3160-5
(June 2015)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FEB 19 2019

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use form 3160-3 (APD) for such proposals.5. Lease Serial No.
NMNM120353

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
PRINCE 31 W1DA FED COM 2H9. API Well No.
30-015-4506910. Field and Pool or Exploratory Area
PURPLE SAGE-WOLFCAMP GAS11. County or Parish, State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
MEWBOURNE OIL COMPANYContact: JACKIE LATHAN
E-Mail: jlathan@mewbourne.com3a. Address
PO BOX 5270
HOBBS, NM 882413b. Phone No. (include area code)
Ph: 575-393-59054. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 31 T24S R29E Mer NMP NWNW 850FNL 330FWL**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Hydraulic Fracture
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

12/27/18

Frac Horizontal Wolfcamp sand from 10232' MD (9957' TVD) to 14645' MD (10,055' TVD). 972 holes, 0.39" EHD, 120 deg phasing. Frac in 28 stages w/11,166,876 gals of SW, carrying 6,873,450# Local 100 Mesh Sand & 4,139,320#, Carrying 40/70 Local sand.

Flowback well for cleanup.

01/18/19 Put well on production.

We are asking for an exemption from tubing at this time.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #454786 verified by the BLM Well Information System
For MEWBOURNE OIL COMPANY, sent to the Carlsbad

Name (Printed/Typed) RUBY O CABALLERO

Title REGULATORY

Signature (Electronic Submission)

Date 02/15/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Pending BLM approvals will
subsequently be reviewed
and scanned
2-22-19

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

any department or agency of the United

(Instructions on page 2)

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

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Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT DISTRICT II-ARTESIA O.C.D.FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			5. Lease Serial No. NMNM120353		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator MEWBOURNE OIL COMPANY Contact: JACKIE LATHAN E-Mail: jlathan@mewbourne.com			7. Unit or CA Agreement Name and No.		
3. Address PO BOX 5270 HOBBS, NM 88241			8. Lease Name and Well No. PRINCE 31 WIDA FED COM 2H		
3a. Phone No. (include area code) Ph: 575-393-5905			9. API Well No. 30-015-45069		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 31 T24S R29E Mer NWNW 850FNL 330FWL At top prod interval reported below Sec 31 T24S R29E Mer NMP NWNW 950FNL 515FWL At total depth Sec 31 T24S R29E Mer NMP NENE 953FNL 334FEL			10. Field and Pool, or Exploratory PURPLE SAGE-WOLFCAMP GAS		
14. Date Spudded 10/20/2018			15. Date T.D. Reached 11/04/2018		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 01/18/2019			17. Elevations (DF, KB, RT, GL)* 2912 GL		
18. Total Depth: MD 14685 TVD 10057			19. Plug Back T.D.: MD 14655 TVD 10055		
20. Depth Bridge Plug Set: MD TVD			21. Type Electric & Other Mechanical Logs Run (Submit copy of each)		
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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
8 3/4	7.000 HCP110	29.0		10263		400 800	348	0	
17.500	13.375 J55	54.5	0	415		500	119	0	
12.250	9.625 HCL80	40.0	0	2670		800	234	0	
6.125	4.500 HCP110	13.5	9408	14645		275	127	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	9640	14685	10232 TO 14645	0.390	972	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10232 TO 14645	11,166,876 GALS SLICKWATER CARRYING 6,873,450# LOCAL 100 MESH SAND & 4,139,320# 40/70 LOCAL 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
01/18/2019	01/21/2019	24	→	342.0	1737.0	2745.0	48.0		FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
28/64		2100.0	→	342	1737	2745	5079	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. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

Pending BLM approvals will
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and scanned
2-22-19

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

ELECTRONIC SUBMISSION #454787 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

MITTED **

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
WOLF CAMP	9640	14685	OIL & GAS	BELL CANYON CHERRY CANYON CASTILE BASE OF SALT BRUSHY CANYON MANZANITA MARKER BONE SPRING DELAWARE LAMAR	2715 3610 1100 2485 4881 3744 6446 2683

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 #454787 Verified by the BLM Well Information System.
For MEWBOURNE OIL COMPANY, sent to the Carlsbad

Name (please print) JACKIE LATHAN

Title REGULATORY

Signature (Electronic Submission)

Date 02/15/2019

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.

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