

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Hobbs
HOBBS OGD
AUG 29 2017
RECEIVED

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.
NMNM27507
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

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

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
RED HILLS 21 W1DM FED COM 2H

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

9. API Well No.
30-025-43427

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

10. Field and Pool or Exploratory Area
98097

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 21 T26S R32E Mer NMP NWNW 200FNL 990FWL

11. County or Parish, State
LEA COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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	
	<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 recomplate 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 recompletion 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.

Mewbourne Oil Company has an approved APD for the above well. Mewbourne would like to make the following changes:

- 1 - Change production facility to be placed on south side of location. This change is due to pad well drilling. MOC cannot safely operate the well with the battery as is, please see attached for new battery layout.
- 2 - MOC would like to install a buried 12" SWD line, an overhead electric line & buried 4" gas line. This line will tie into an existing ROW (NM-135563). See attached plats for details.

Please call Bradley Bishop with any questions.

Approved CCR 08/21/17.

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

Electronic Submission #382613 verified by the BLM Well Information System
For MEWBOURNE OIL COMPANY, sent to the Hobbs
Committed to AFMSS for processing by DEBORAH MCKINNEY on 08/16/2017 ()

Name (Printed/Typed) BRADLEY BISHOP Title REGULATORY

Signature (Electronic Submission) Date 07/26/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By *Cody R. Taylor* Title *for* FIELD MANAGER Date *08/22/17*

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 CARLSBAD FIELD OFFICE

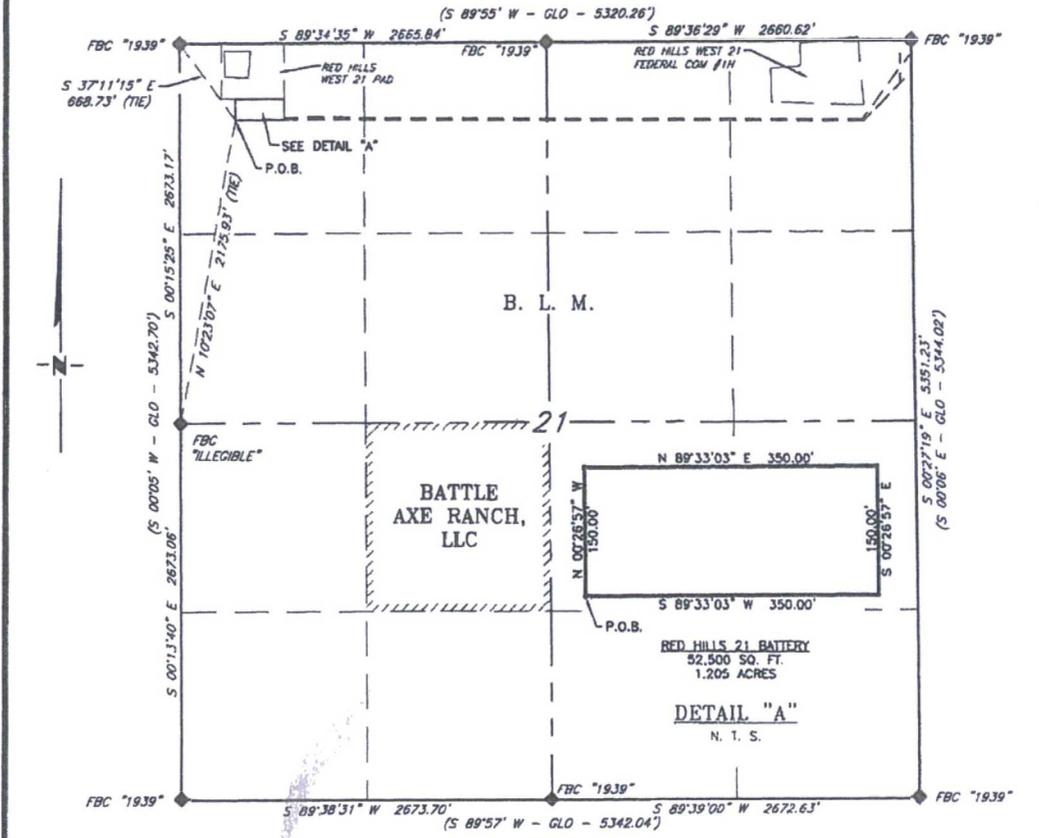
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

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

KV

**MEWBOURNE OIL COMPANY
PROPOSED RED HILLS WEST 21 BATTERY**
SECTION 21, T26S, R32E,
N. M. P. M., LEA CO., NEW MEXICO



DESCRIPTION

A tract of land situated within the Northwest quarter of Section 21, Township 26 South, Range 32 East, N. M. P. M., Lea County, New Mexico, across B. L. M. and and being more particularly described by metes and bounds as follows:

BEGINNING at a point, which bears S 37°11'15" E, 668.73 feet, from a brass cap, stamped "1939", found for the Northwest corner of Section 21 and being N 10°23'07" E, 2,175.93 feet, from a brass cap, "illegible", found for the West quarter corner of Section 21;

Thence N 00°26'57" W, 150.00 feet to a point;
Thence N 89°33'03" E, 350.00 feet to a point;
Thence S 00°26'57" E, 600.00 feet to a point;
Thence S 89°33'03" W, 350.00 feet, to the Point Of Beginning.

Said tract of land contains 52,500.00 square feet or 1.205 acres, more or less and is allocated by forties as follows:

NW 1/4 NW 1/4 52,500.00 Sq. Ft. 1.205 Acres

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

BEARINGS ARE GRID MAG. & 3/4
NAD 83
NAD EAST
DISTANCES ARE HORIZ. GROUND.

LEGEND
() RECORD DATA - GLO
◆ FOUND MONUMENT AS NOTED
P.O.B. POINT OF BEGINNING

I, R. M. Howett, a N. M. Professional Surveyor, hereby certify that I prepared this plat from an actual survey made on the ground under my direct supervision, said survey and plat meet the Min. Stds. for Land Surveying in the State of N. M. and are true and correct to the best of my knowledge and belief.

Robert M. Howett
Robert M. Howett NM PS 19680



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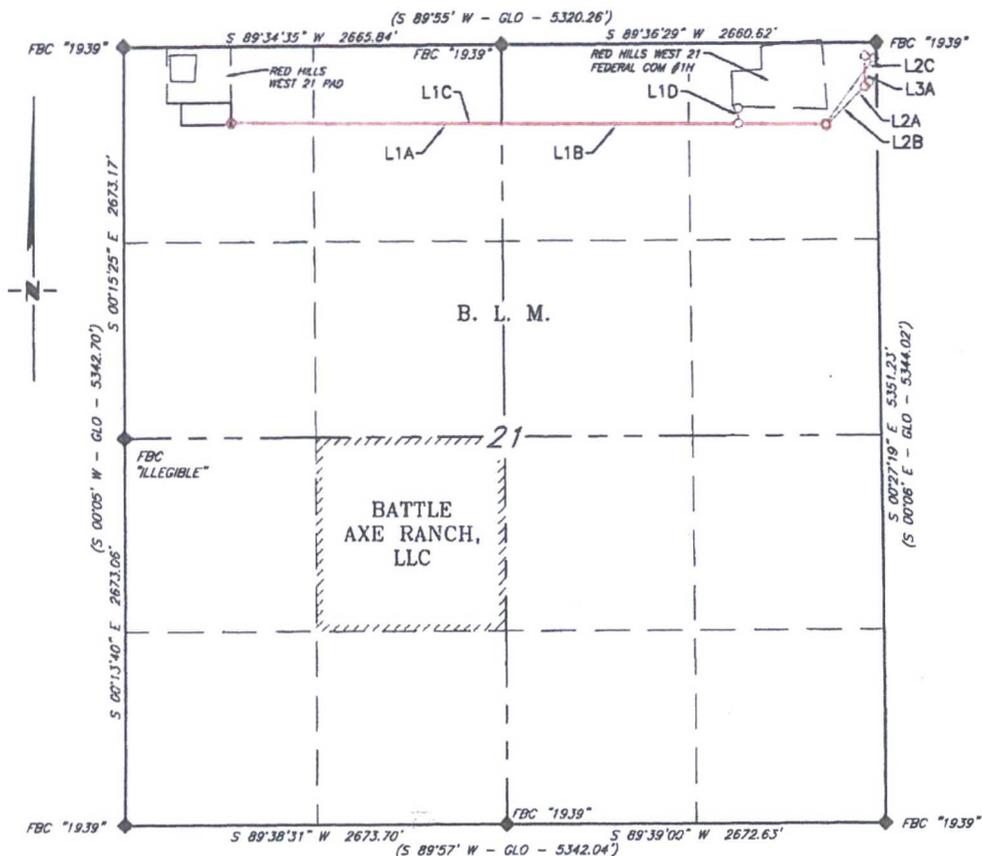
NO.	REVISION	DATE
JOB NO.: LS1706358		
DWG. NO.: 1706358		

RRC

308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200

SCALE: 1" = 1000'
DATE: 6/9/2017
SURVEYED BY: ML/JL
DRAWN BY: LA
APPROVED BY: RMH
SHEET: 1 OF 1

**MEWBOURNE OIL COMPANY
 OVERALL PROPOSED SWD, GAS & ELECTRIC LINE
 FOR RED HILLS WEST 21 BATTERY
 SECTION 21, T26S, R32E,
 N. M. P. M., LEA CO., NEW MEXICO**



LINE TABLE - SWD PIPELINE		
LINE	BEARING	LENGTH
L1A	S 90°00'00" E	4,217.21'
L2A	N 45°45'36" E	385.46'
L3A	N 00°01'38" E	210.27'

LINE TABLE - GAS PIPELINE		
LINE	BEARING	LENGTH
L1B	S 90°00'00" E	4,217.21'
L2B	N 45°45'36" E	426.51'

LINE TABLE - ELECTRIC LINE		
LINE	BEARING	LENGTH
L1C	S 90°00'00" E	4,213.01'
L2C	N 37°34'02" E	566.95'

LINE TABLE - ELECTRIC LINE		
LINE	BEARING	LENGTH
L1D	N 00°00'00" W	103.72'

LEGEND
 () RECORD DATA - GLO
 ◆ FOUND MONUMENT AS NOTED
 — PROPOSED CENTERLINE

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

BEARINGS ARE GRID MAG 83 NM EAST
 DISTANCES ARE HORIZ. GROUND.

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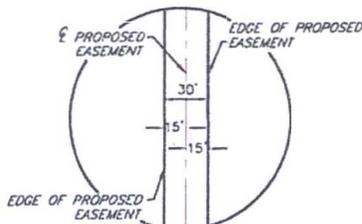
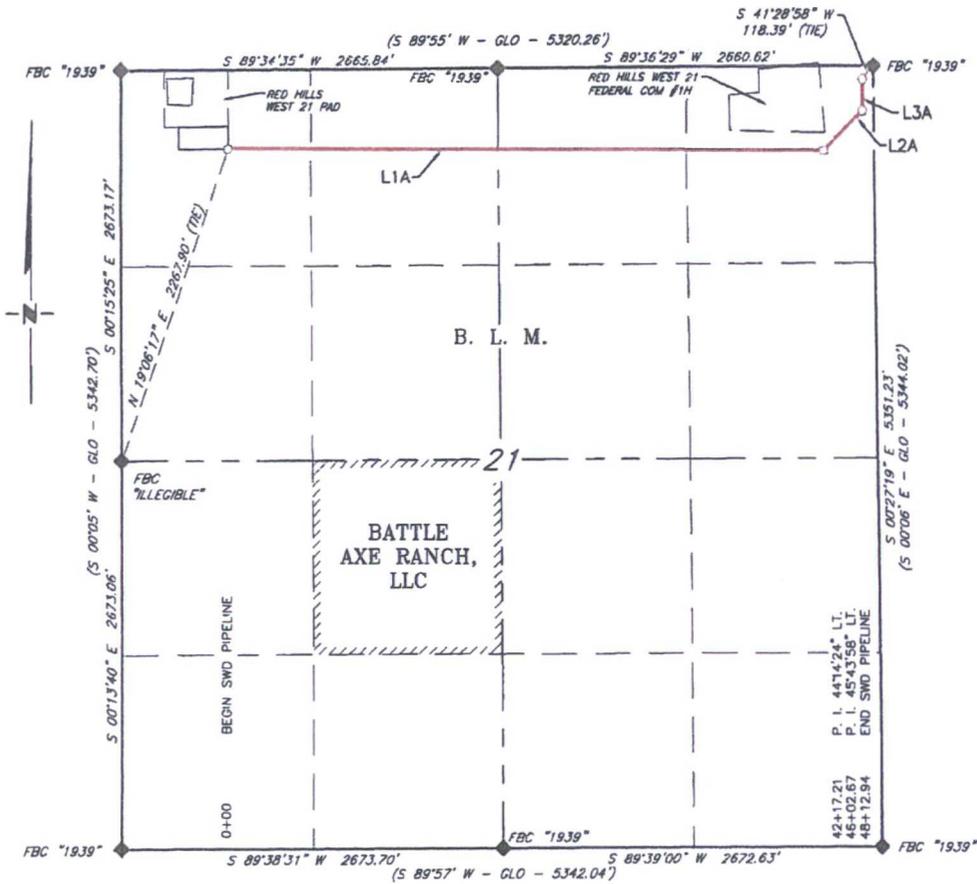
NO.	REVISION	DATE
JOB NO.: LS1706359		
DWG. NO.: 1706359-1		



308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200

SCALE: 1" = 1000'
DATE: 6-9-2017
SURVEYED BY: ML/JL
DRAWN BY: LA
APPROVED BY: RMH
SHEET: 1 OF 9

MEWBOURNE OIL COMPANY
PROPOSED SWD PIPELINE FOR RED HILLS WEST 21 BATTERY
SECTION 21, T26S, R32E,
N. M. P. M., LEA CO., NEW MEXICO



DETAIL "A"
N. T. S.

LINE TABLE - SWD PIPELINE		
LINE	BEARING	LENGTH
L1A	S 90°00'00" E	4,217.21'
L2A	N 45°45'36" E	385.46'
L3A	N 00°01'38" E	210.27'

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

BEARINGS ARE GRID NAD 83
 NM EAST
 DISTANCES ARE HORIZ. GROUND.

LEGEND
 () RECORD DATA - GLO
 ◆ FOUND MONUMENT AS NOTED
 — PROPOSED SWD

I, R. M. Howett, a N. M. Professional Surveyor, hereby certify that I prepared this plat from an actual survey made on the ground under my direct supervision, said survey and plat meet the Min. Stds. for Land Surveying in the State of N. M. and are true and correct to the best of my knowledge and belief.

Robert M. Howett
 Robert M. Howett NM PS 19680



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NO.	REVISION	DATE

JOB NO.: LS1706359
 DWG. NO.: 1706359-2



308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200

SCALE: 1" = 1000'
DATE: 6-9-2017
SURVEYED BY: ML/JL
DRAWN BY: LA
APPROVED BY: RMH
SHEET: 2 OF 9

MEWBOURNE OIL COMPANY
PROPOSED SWD PIPELINE LINE FOR RED HILLS WEST 21 BATTERY
SECTION 21, T26S, R32E,
N. M. P. M., LEA CO., NEW MEXICO

DESCRIPTION

A strip of land 30 feet wide, being 4,812.94 feet or 291.693 rods in length, lying in Section 21, Township 26 South, Range 32 East, N. M. P. M., Lea County, New Mexico, being 15 feet left and 15 feet right of the following described survey of a centerline across B. L. M. land:

BEGINNING at Engr. Sta. 0+00, a point in the Northwest quarter of Section 21, which bears, N 19°06'17" E, 2,267.90 feet from a brass cap, "illegible", found for the West quarter corner of Section 21;

Thence S 90°00'00" E, 4,217.21 feet, to Engr. Sta. 42+17.21 a P. I. of 44°14'24" left;

Thence N 45°45'36" E, 385.46 feet, to Engr. Sta. 46+02.67 a P. I. of 45°43'58" left;

Thence N 00°01'38" E, 210.27 feet, to Engr. Sta. 48+12.94, the End of Survey, a point in the Northeast quarter of Section 21, which bears, S 41°28'58" W, 118.39 feet from a brass cap, stamped "1939", found for the Northeast corner of Section 21.

Said strip of land contains 3.315 acres, more or less, and is allocated by forties as follows:

NW 1/4 NW 1/4	35.269 Rods	0.401 Acres
NE 1/4 NW 1/4	80.805 Rods	0.918 Acres
NW 1/4 NE 1/4	80.661 Rods	0.917 Acres
NE 1/4 NE 1/4	94.958 Rods	1.079 Acres

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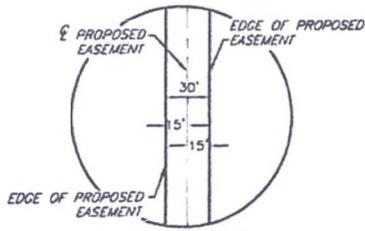
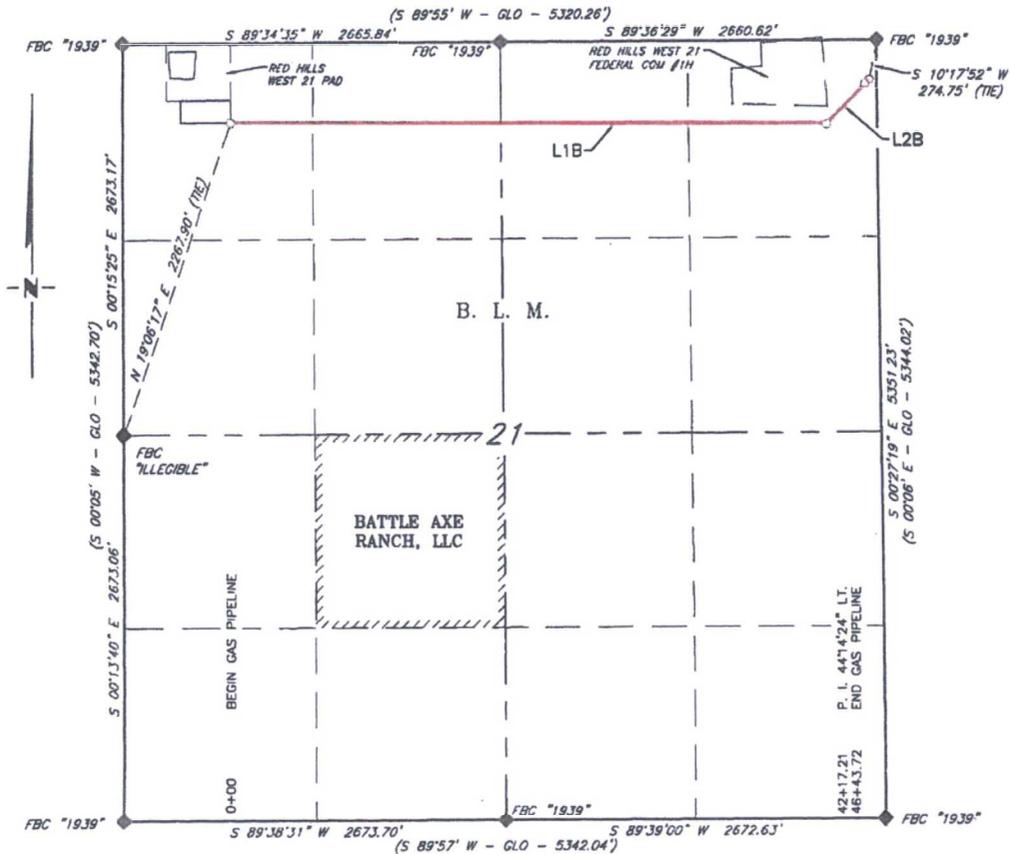
NO.	REVISION	DATE
JOB NO.: LS1706359		
DWG. NO.: 1706359-3		

RRC

308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200

SCALE: 1" = 1000'
DATE: 6-9-2017
SURVEYED BY: ML/JL
DRAWN BY: LA
APPROVED BY: RMH
SHEET: 3 OF 9

**MEWBOURNE OIL COMPANY
PROPOSED GAS LINE FOR RED HILLS WEST 21 BATTERY
SECTION 21, T26S, R32E,
N. M. P. M., LEA CO., NEW MEXICO**



DETAIL "A"
N. T. S.

LINE TABLE - GAS PIPELINE		
LINE	BEARING	LENGTH
L1B	S 90°00'00" E	4,217.21'
L2B	N 45°45'36" E	426.51'

SCALE: 1" = 1000'
0 500' 1000'
BEARINGS ARE GRID MAG B3
NM EAST
DISTANCES ARE HORIZ. GROUND.

LEGEND
() RECORD DATA - GLO
◆ FOUND MONUMENT AS NOTED
— PROPOSED GAS LINE

I, R. M. Howett, a N. M. Professional Surveyor, hereby certify that I prepared this plat from an actual survey made on the ground under my direct supervision, said survey and plat meet the Min. Stds. for Land Surveying in the State of N. M. and are true and correct to the best of my knowledge and belief.

Robert M. Howett
Robert M. Howett NM PS 19680



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NO.	REVISION	DATE
JOB NO.: LS1706359		
DWG. NO.: 1706359-4		



308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200

SCALE: 1" = 1000'
DATE: 6-9-2017
SURVEYED BY: ML/JL
DRAWN BY: LA
APPROVED BY: RMH
SHEET: 4 OF 9

MEWBOURNE OIL COMPANY
PROPOSED GAS LINE FOR RED HILLS WEST 21 BATTERY
SECTION 21, T26S, R32E,
N. M. P. M., LEA CO., NEW MEXICO

DESCRIPTION

A strip of land 30 feet wide, being 4,643.72 feet or 281.438 rods in length, lying in Section 21, Township 26 South, Range 32 East, N. M. P. M., Lea County, New Mexico, being 15 feet left and 15 feet right of the following described survey of a centerline across B. L. M. land:

BEGINNING at Engr. Sta. 0+00, a point in the Northwest quarter of Section 21, which bears, N 19°06'17" E, 2,267.90 feet from a brass cap, "illegible", found for the West quarter corner of Section 21;

Thence S 90°00'00" E, 4,217.21 feet, to Engr. Sta. 42+17.21 a P. I. of 44°14'24" left;

Thence N 45°45'36" E, 426.51 feet, to Engr. Sta. 46+43.72, the End of Survey, a point in the Northeast quarter of Section 21, which bears, S 10°17'52" W, 274.75 feet from a brass cap, stamped "1939", found for the Northeast corner of Section 21.

Said strip of land contains 3.198 acres, more or less, and is allocated by forties as follows:

NW 1/4 NW 1/4	35.269 Rods	0.401 Acres
NE 1/4 NW 1/4	80.805 Rods	0.918 Acres
NW 1/4 NE 1/4	80.661 Rods	0.917 Acres
NE 1/4 NE 1/4	84.703 Rods	0.962 Acres

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NO.	REVISION	DATE
JOB NO.: LS1706359		
DWG. NO.: 1706359-5		

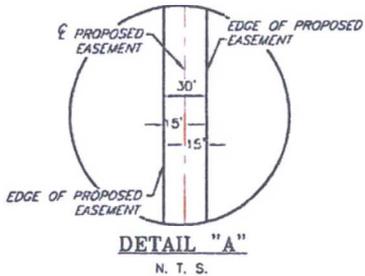
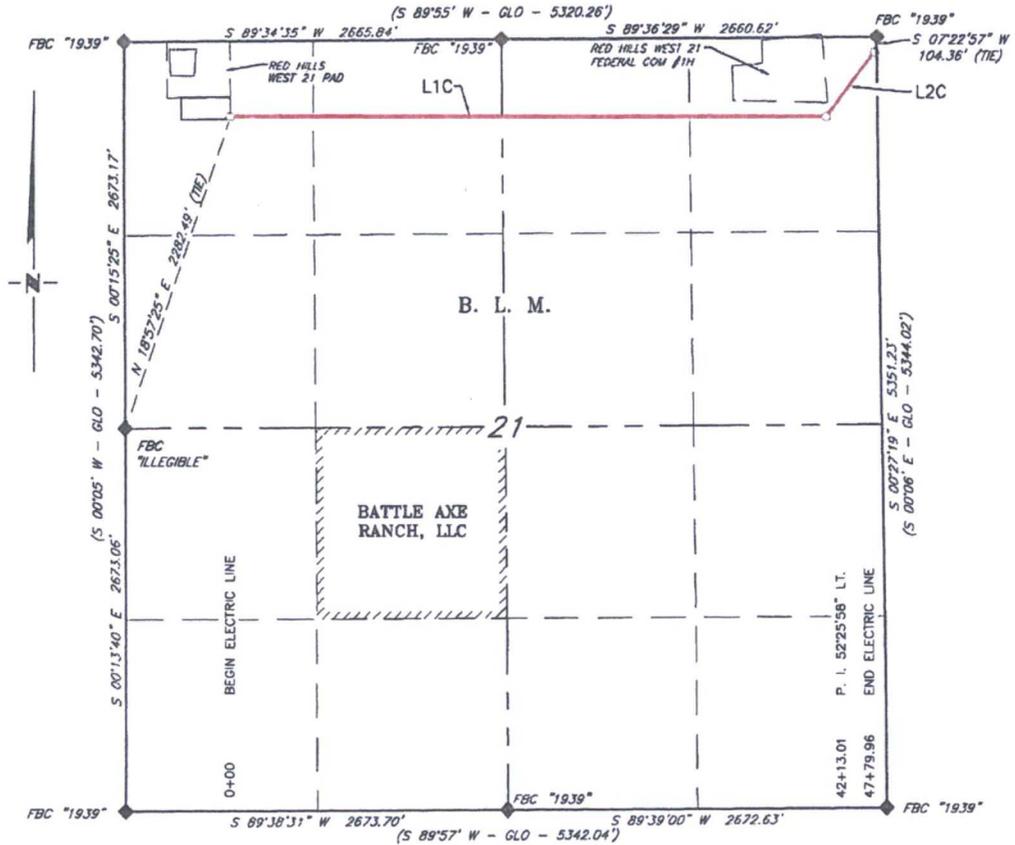
RRC



308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200

SCALE: 1" = 1000'
DATE: 6-9-2017
SURVEYED BY: ML/JL
DRAWN BY: LA
APPROVED BY: RMH
SHEET: 5 OF 9

**MEWBOURNE OIL COMPANY
 PROPOSED ELECTRIC LINE FOR RED HILLS WEST 21 BATTERY
 SECTION 21, T26S, R32E,
 N. M. P. M., LEA CO., NEW MEXICO**



LINE TABLE - ELECTRIC LINE		
LINE	BEARING	LENGTH
L1C	S 90°00'00" E	4,213.01'
L2C	N 37°34'02" E	566.95'

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

BEARINGS ARE GRID MAG 83
 NM EAST
 DISTANCES ARE HORIZ. GROUND.

LEGEND

- () RECORD DATA - GLO
- ◆ FOUND MONUMENT AS NOTED
- PROPOSED ELECTRIC LINE

I, R. M. Howett, a N. M. Professional Surveyor, hereby certify that I prepared this plat from an actual survey made on the ground under my direct supervision, said survey and plat meet the Min. Stds. for Land Surveying in the State of N. M. and are true and correct to the best of my knowledge and belief.

Robert M. Howett
 Robert M. Howett NM PS 19680



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NO.	REVISION	DATE

JOB NO.: LS1706359
 DWG. NO.: 1706359-6



308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200

SCALE: 1" = 1000'
DATE: 6-9-2017
SURVEYED BY: ML/JL
DRAWN BY: LA
APPROVED BY: RMH
SHEET: 6 OF 9

MEWBOURNE OIL COMPANY
PROPOSED ELECTRIC LINE FOR RED HILLS WEST 21 BATTERY
SECTION 21, T26S, R32E,
N. M. P. M., LEA CO., NEW MEXICO

DESCRIPTION

A strip of land 30 feet wide, being 4,779.96 feet or 289.694 rods in length, lying in Section 21, Township 26 South, Range 32 East, N. M. P. M., Lea County, New Mexico, being 15 feet left and 15 feet right of the following described survey of a centerline across B. L. M. land:

BEGINNING at Engr. Sta. 0+00, a point in the Northwest quarter of Section 21, which bears, N 18°57'25" E, 2,282.49 feet from a brass cap, "illegible", found for the West quarter corner of Section 21;

Thence S 90°00'00" E, 4,213.01 feet, to Engr. Sta. 42+13.01 a P. I. of 52°25'58" left;

Thence N 37°34'02" E, 566.95 feet, to Engr. Sta. 47+79.96, the End of Survey, a point in the Northeast quarter of Section 21, which bears, S 07°22'57" W, 104.36 feet from a brass cap, stamped "1939", found for the Northeast corner of Section 21.

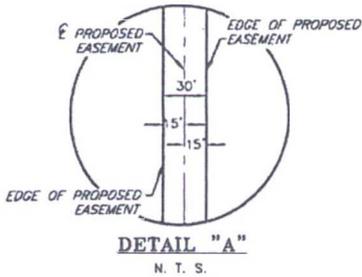
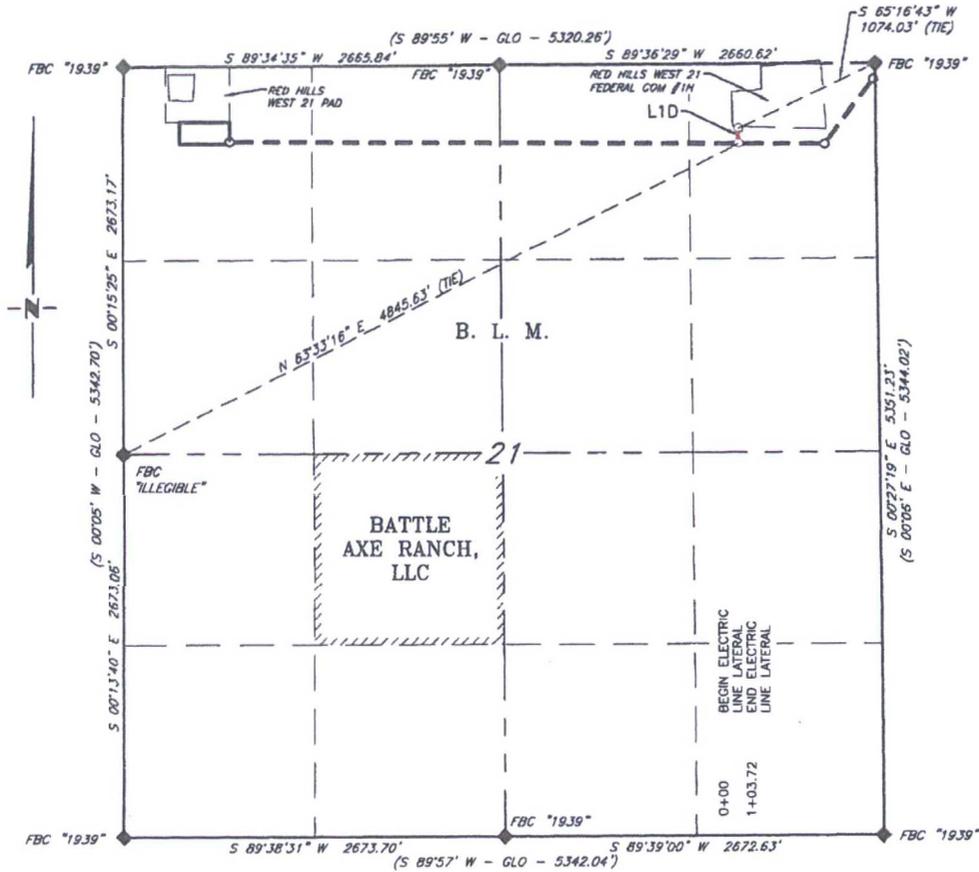
Said strip of land contains 3.292 acres, more or less, and is allocated by forties as follows:

NW 1/4 NW 1/4	35.276 Rods	0.401 Acres
NE 1/4 NW 1/4	80.804 Rods	0.918 Acres
NW 1/4 NE 1/4	80.660 Rods	0.917 Acres
NE 1/4 NE 1/4	92.954 Rods	1.056 Acres

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				SCALE: 1" = 1000'
				DATE: 6-9-2017
				SURVEYED BY: ML/JL
				DRAWN BY: LA
				APPROVED BY: RMH
				SHEET: 7 OF 9
NO.	REVISION	DATE	308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200	
JOB NO.: LS1706359				
DWG. NO.: 1706359-7				

**MEWBORNE OIL COMPANY
PROPOSED ELECTRIC LINE FOR RED HILLS WEST 21 BATTERY
SECTION 21, T26S, R32E,
N. M. P. M., LEA CO., NEW MEXICO**



LINE TABLE - ELECTRIC LINE LATERAL		
LINE	BEARING	LENGTH
L1D	N 00°00'00" W	103.72'

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

BEARINGS ARE GRID NAD 83
NW EAST
DISTANCES ARE HORIZ. GROUND.

LEGEND
() RECORD DATA - GLO
◆ FOUND MONUMENT AS NOTED
— PROPOSED ELECTRIC LINE

I, R. M. Howett, a N. M. Professional Surveyor, hereby certify that I prepared this plat from an actual survey made on the ground under my direct supervision, said survey and plat meet the Min. Stds. for Land Surveying in the State of N. M. and are true and correct to the best of my knowledge and belief.

Robert M. Howett
Robert M. Howett NM PS 19680



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NO.	REVISION	DATE
JOB NO.: LS1706359		
DWG. NO.: 1706359-8		



308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200

SCALE: 1" = 1000'
DATE: 6-9-2017
SURVEYED BY: ML/JL
DRAWN BY: LA
APPROVED BY: RMH
SHEET: 8 OF 9

MEWBOURNE OIL COMPANY
PROPOSED ELECTRIC LINE FOR RED HILLS WEST 21 BATTERY
SECTION 21, T26S, R32E,
N. M. P. M., LEA CO., NEW MEXICO

DESCRIPTION

A strip of land 30 feet wide, being 103.72 feet or 6.286 rods in length, lying in Section 21, Township 26 South, Range 32 East, N. M. P. M., Lea County, New Mexico, being 15 feet left and 15 feet right of the following described survey of a centerline across B. L. M. land:

BEGINNING at Engr. Sta. 0+00, a point in the Northeast quarter of Section 21, which bears, N 63°33'16" E, 4,845.63 feet from a brass cap, "illegible", found for the West quarter corner of Section 21;

Thence N 00°00'00" W, 103.72 feet, to Engr. Sta. 1+03.72, the End of Survey, a point in the Northeast quarter of Section 21, which bears, S 65°16'43" W, 1,074.03 feet from a brass cap, stamped "1939", found for the Northeast corner of Section 21.

Said strip of land contains 0.071 acres, more or less, and is allocated by forties as follows:

NE 1/4 NE 1/4 6.286 Rods 0.071 Acres

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				SCALE: 1" = 1000'
				DATE: 6-9-2017
				SURVEYED BY: ML/JL
NO.	REVISION	DATE		DRAWN BY: LA
JOB NO.: LS1706359				APPROVED BY: RMH
DWG. NO.: 1706359-9			308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200	SHEET: 9 OF 9

BLM LEASE NUMBER: NMNM027507
COMPANY NAME: Mewbourne Oil Company
ASSOCIATED WELL NAME: Red Hills 21 W1DM Fed Com 2H

BURIED PIPELINE STIPULATIONS

A copy of the application (Grant, APD, or Sundry Notice) and attachments, including conditions of approval, survey plat and/or map, will be on location during construction. BLM personnel may request to you a copy of your permit during construction to ensure compliance with all stipulations.

Holder agrees to comply with the following stipulations to the satisfaction of the Authorized Officer:

1. The Holder shall indemnify the United States against any liability for damage to life or property arising from the occupancy or use of public lands under this grant.
2. The Holder shall comply with all applicable Federal laws and regulations existing or hereafter enacted or promulgated. In any event, the holder shall comply with the Toxic Substances Control Act of 1976 as amended, 15 USC 2601 et seq. (1982) with regards to any toxic substances that are used, generated by or stored on the right-of-way or on facilities authorized under this right-of-way grant. (See 40 CFR Part 702-799 and especially, provisions on polychlorinated biphenyls, 40 CFR 761.1-761.193.) Additionally, any release of toxic substances (leaks, spills, etc.) in excess of the reportable quantity established by 40 CFR Part 117 shall be reported as required by the Comprehensive Environmental Response, Compensation, and Liability Act, section 102b. A copy of any report required or requested by any Federal agency or State government as a result of a reportable release or spill of any toxic substances shall be furnished to the authorized officer concurrent with the filing of the reports to the involved Federal agency or State government.
3. The holder agrees to indemnify the United States against any liability arising from the release of any hazardous substance or hazardous waste (as these terms are defined in the Comprehensive Environmental Response, Compensation and Liability Act of 1980, 42 U.S.C. 9601, et seq. or the Resource Conservation and Recovery Act, 42 U.S.C.6901, et seq.) on the Right-of-Way (unless the release or threatened release is wholly unrelated to the Right-of-Way holder's activity on the Right-of-Way), or resulting from the activity of the Right-of-Way holder on the Right-of-Way. This agreement applies without regard to whether a release is caused by the holder, its agent, or unrelated third parties.
4. If, during any phase of the construction, operation, maintenance, or termination of the pipeline, any oil or other pollutant should be discharged from the pipeline system, impacting Federal lands, the control and total removal, disposal, and cleaning up of such oil or other pollutant, wherever found, shall be the responsibility of holder, regardless of fault. Upon failure of holder to control, dispose of, or clean up such discharge on or affecting Federal lands, or to repair all damages resulting therefrom, on the Federal lands, the Authorized Officer may take such measures as he deems necessary to control and clean up the discharge and restore the area, including where appropriate, the aquatic environment and fish and wildlife habitats, at the full expense of the holder. Such action by the Authorized Officer shall not relieve holder of any responsibility as provided herein.

5. All construction and maintenance activity will be confined to the authorized right-of-way.
6. The pipeline will be buried with a minimum cover of 36 inches between the top of the pipe and ground level.
7. The maximum allowable disturbance for construction in this right-of-way will be 30 feet:
 - Blading of vegetation within the right-of-way will be allowed: maximum width of blading operations will not exceed 20 feet. The trench is included in this area. (*Blading is defined as the complete removal of brush and ground vegetation.*)
 - Clearing of brush species within the right-of-way will be allowed: maximum width of clearing operations will not exceed 30 feet. The trench and bladed area are included in this area. (*Clearing is defined as the removal of brush while leaving ground vegetation (grasses, weeds, etc.) intact. Clearing is best accomplished by holding the blade 4 to 6 inches above the ground surface.*)
 - The remaining area of the right-of-way (if any) shall only be disturbed by compressing the vegetation. (*Compressing can be caused by vehicle tires, placement of equipment, etc.*)
8. The holder shall stockpile an adequate amount of topsoil where blading is allowed. The topsoil to be stripped is approximately 6 inches in depth. The topsoil will be segregated from other spoil piles from trench construction. The topsoil will be evenly distributed over the bladed area for the preparation of seeding.
9. The holder shall minimize disturbance to existing fences and other improvements on public lands. The holder is required to promptly repair improvements to at least their former state. Functional use of these improvements will be maintained at all times. The holder will contact the owner of any improvements prior to disturbing them. When necessary to pass through a fence line, the fence shall be braced on both sides of the passageway prior to cutting of the fence. No permanent gates will be allowed unless approved by the Authorized Officer.
10. Vegetation, soil, and rocks left as a result of construction or maintenance activity will be randomly scattered on this right-of-way and will not be left in rows, piles, or berms, unless otherwise approved by the Authorized Officer. The entire right-of-way shall be recontoured to match the surrounding landscape. The backfilled soil shall be compacted and a 6 inch berm will be left over the ditch line to allow for settling back to grade.
11. In those areas where erosion control structures are required to stabilize soil conditions, the holder will install such structures as are suitable for the specific soil conditions being encountered and which are in accordance with sound resource management practices.
12. The holder will reseed all disturbed areas. Seeding will be done according to the attached seeding requirements, using the following seed mix.

<input type="checkbox"/> seed mixture 1	<input type="checkbox"/> seed mixture 3
<input checked="" type="checkbox"/> seed mixture 2	<input type="checkbox"/> seed mixture 4
<input type="checkbox"/> seed mixture 2/LPC	<input type="checkbox"/> Aplomado Falcon Mixture
13. All above-ground structures not subject to safety requirements shall be painted by the holder to blend with the natural color of the landscape. The paint used shall be color which simulates "Standard Environmental Colors" – **Shale Green**, Munsell Soil Color No. 5Y 4/2.
14. The pipeline will be identified by signs at the point of origin and completion of the right-of-way and at all road crossings. At a minimum, signs will state the holder's name, BLM serial number,

and the product being transported. All signs and information thereon will be posted in a permanent, conspicuous manner, and will be maintained in a legible condition for the life of the pipeline.

15. The holder shall not use the pipeline route as a road for purposes other than routine maintenance as determined necessary by the Authorized Officer in consultation with the holder before maintenance begins. The holder will take whatever steps are necessary to ensure that the pipeline route is not used as a roadway. As determined necessary during the life of the pipeline, the Authorized Officer may ask the holder to construct temporary deterrence structures.

16. Any cultural and/or paleontological resources (historic or prehistoric site or object) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the Authorized Officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the Authorized Officer. An evaluation of the discovery will be made by the Authorized Officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and any decision as to proper mitigation measures will be made by the Authorized Officer after consulting with the holder.

17. The operator shall be held responsible if noxious weeds become established within the areas of operations. Weed control shall be required on the disturbed land where noxious weeds exist, which includes associated roads, pipeline corridor and adjacent land affected by the establishment of weeds due to this action. The operator shall consult with the Authorized Officer for acceptable weed control methods, which include following EPA and BLM requirements and policies.

18. Escape Ramps - The operator will construct and maintain pipeline/utility trenches [that are not otherwise fenced, screened, or netted] to prevent livestock, wildlife, and humans from becoming entrapped. At a minimum, the operator will construct and maintain escape ramps, ladders, or other methods of avian and terrestrial wildlife escape in the trenches according to the following criteria: Any trench left open for eight (8) hours or less is not required to have escape ramps; however, before the trench is backfilled, the contractor/operator shall inspect the trench for wildlife, remove all trapped wildlife, and release them at least 100 yards from the trench. For trenches left open for eight (8) hours or more, earthen escape ramps (built at no more than a 30 degree slope and spaced no more than 500 feet apart) shall be placed in the trench.

KARST MITIGATING MEASURES for BURIED PIPELINES, ETC.:

- The BLM, Carlsbad Field Office, will be informed immediately if any subsurface drainage channels, passages, or voids are intersected by trenching, and no pipe will be laid in the trench at that point until clearance has been issued by the Authorized Officer.
- If a void is encountered alignments may be rerouted to avoid the karst feature and lessen; the potential of subsidence or collapse of karst features, buildup of toxic or combustible gas, or other possible impacts to cave and karst resources from the buried pipeline.
- Special restoration stipulations or realignment may be required at such intersections, if any.
- A leak detection plan **will be submitted to the BLM Carlsbad Field Office for approval** prior to pipeline installation. The method could incorporate gauges to detect pressure drops, siting values and lines so they can be visually inspected periodically or installing electronic sensors to alarm when a leak is present. The leak detection plan will incorporate an automatic shut off system that will be installed for proposed pipelines to minimize the effects of an undesirable event.
- Regular monitoring is required to quickly identify leaks for their immediate and proper treatment.

KARST MITIGATING MEASURES FOR POWERLINES:

Smaller powerlines will be routed around sinkholes and other karst features to avoid or lessen the possibility of encountering near surface voids and to minimize changes to runoff or possible leaks and spills from entering karst systems. Larger powerlines will adjust their pole spacing to avoid cave and karst features.

- The BLM, Carlsbad Field Office, will be informed immediately if any subsurface drainage channels, cave passages, or voids are penetrated during construction.
- No further construction will be done until clearance has been issued by the Authorized Officer.
- Special restoration stipulations or realignment may be required.

BLM LEASE NUMBER: NMNM027507
COMPANY NAME: Mewbourne Oil Company
ASSOCIATED WELL NAME: Red Hills 21 W1DM Fed Com 2H

Seed Mixture 2, for Sandy Sites

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law (s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

<u>Species</u>	<u>lb/acre</u>
Sand dropseed (<i>Sporobolus cryptandrus</i>)	1.0
Sand love grass (<i>Eragrostis trichodes</i>)	1.0
Plains bristlegrass (<i>Setaria macrostachya</i>)	2.0

*Pounds of pure live seed:

Pounds of seed x percent purity x percent germination = pounds pure live seed

BLM LEASE NUMBER: NMNM027507

COMPANY NAME: Mewbourne Oil Company

ASSOCIATED WELL NAME: Red Hills 21 W1DM Fed Com 2H

STANDARD STIPULATIONS FOR OIL AND GAS RELATED SITES

A copy of the application (Grant/Sundry Notice) and attachments, including stipulations and map, will be on location during construction. BLM personnel may request to view a copy of your permit during construction to ensure compliance with all stipulations.

The holder agrees to comply with the following stipulations to the satisfaction of the Authorized Officer, BLM.

1. The holder shall indemnify the United States against any liability for damage to life or property arising from the occupancy or use of public lands under this grant and for all response costs, penalties, damages, claims, and other costs arising from the provisions of the Resource Conservation and Recovery Act (RCRA), 42 U.S.C. Chap. 82, Section 6901 et. seq., from the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), 42 U.S.C. Chap. 109, Section 9601 et. seq., and from other applicable environmental statutes.
2. The holder shall comply with all applicable Federal laws and regulations existing or hereafter enacted or promulgated. In any event, the holder shall comply with the Toxic Substances Control Act of 1976, as amended (15 U.S.C. 2601, et. seq.) with regard to any toxic substances that are used, generated by or stored on the right-of-way or on facilities authorized by this grant. (See 40 CFR, Part 702-799 and especially, provisions on polychlorinated biphenyls, 40 CFR 761.1-761.193.) Additionally, any release of toxic substances (leaks, spills, etc.) in excess of the reportable quantity established by 40 CFR, Part 117 shall be reported as required by the Comprehensive Environmental Response, Compensation and Liability Act, Section 102b. A copy of any report required or requested by any Federal agency or State government as a result of a reportable release or spill of any toxic substances shall be furnished to the Authorized Officer concurrent with the filing of the reports to the involved Federal agency or State government.
3. The holder agrees to indemnify the United States against any liability arising from the release of any hazardous substance or hazardous waste (as these terms are defined in the Comprehensive Environmental Response, Compensation and Liability Act of 1980, 42 U.S.C. 9601, et. seq. or the Resource Conservation and Recovery Act, 42 U.S.C. 6901, et. seq.) on the right-of-way (unless the release or threatened release is wholly unrelated to the right-of-way holder's activity on the right-of-way). This agreement applies without regard to whether a release is caused by the holder, its agent, or unrelated third parties.
4. If, during any phase of the construction, operation, maintenance, or termination of the site or related pipeline(s), any oil or other pollutant should be discharged from site facilities, the pipeline(s) or from containers or vehicles impacting Federal lands, the control and total removal, disposal, and cleanup of such oil or other pollutant, wherever found, shall be the responsibility of

the holder, regardless of fault. Upon failure of the holder to control, dispose of, or clean up such discharge on or affecting Federal lands, or to repair all damages to Federal lands resulting therefrom, the Authorized Officer may take such measures as deemed necessary to control and clean up the discharge and restore the area, including, where appropriate, the aquatic environment and fish and wildlife habitats, at the full expense of the holder. Such action by the Authorized Officer shall not relieve the holder of any liability or responsibility.

5. Sites shall be maintained in an orderly, sanitary condition at all times. Waste materials, both liquid and solid, shall be disposed of promptly at an appropriate, authorized waste disposal facility in accordance with all applicable State and Federal laws. "Waste" means all discarded matter including, but not limited to, human waste, trash, garbage, refuse, petroleum products, brines, chemicals, oil drums, ashes, and equipment.

6. The operator will notify the Bureau of Land Management (BLM) authorized officer and nearest Fish and Wildlife Service (FWS) Law Enforcement office within 24 hours, if the operator discovers a dead or injured federally protected species (i.e., migratory bird species, bald or golden eagle, or species listed by the FWS as threatened or endangered) in or adjacent to a pit, trench, tank, exhaust stack, or fence. (If the operator is unable to contact the FWS Law Enforcement office, the operator must contact the nearest FWS Ecological Services office.)

7. All above-ground structures not subject to safety requirements shall be painted by the holder to blend with the natural color of the landscape. The paint used shall be a color which simulates "Standard Environmental Colors" designated by the Rocky Mountain Five-State Interagency Committee. The color selected for this project is **Shale Green**, Munsell Soil Color Chart Number 5Y 4/2.

8. Any cultural and/or paleontological resource (historic or prehistoric site or object) discovered by the holder, or any person working on the holder's behalf, on public or Federal land shall be immediately reported to the Authorized Officer. The holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the Authorized Officer. An evaluation of the discovery will be made by the Authorized Officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and any decision as to the proper mitigation measures will be made by the Authorized Officer after consulting with the holder.

9. A sales contract for removal of mineral material (caliche, sand, gravel, fill dirt) from an authorized pit, site, or on location must be obtained from the BLM prior to commencing construction. There are several options available for purchasing mineral material: contact the BLM office (575-234-5972).

10. The operator shall be held responsible if noxious weeds become established within the areas of operations. Weed control shall be required on the disturbed land where noxious weeds exist, which includes the roads, pads, associated pipeline corridor, and adjacent land affected by the establishment of weeds due to this action. The operator shall consult with the Authorized Officer for acceptable weed control methods, which include following EPA and BLM requirements and policies.

11. Once the site is no longer in service or use, the site must undergo final abandonment. At final abandonment, the site and access roads must undergo "final" reclamation so that the character and productivity of the land are restored. Earthwork for final reclamation must be completed within six (6) months of the abandonment of the site. All pads and facility locations and roads must be reclaimed to a satisfactory revegetated, safe, and stable condition, unless an agreement is made with the landowner or BLM to keep the road and/or pad intact. After all disturbed areas have been satisfactorily prepared, these areas need to be revegetated with the seed mixture provided. Seeding should be accomplished by drilling on the contour whenever practical or by other approved methods. Seeding may need to be repeated until revegetation is successful, as determined by the BLM.

Operators shall contact a BLM surface protection specialist prior to surface abandonment operations for site specific objectives (Jim Amos: 575-234-5909).

12. The holder shall stockpile an adequate amount of topsoil where blading occurs. The topsoil to be stripped is approximately 6 inches in depth. The topsoil will be segregated from other spoil piles. The topsoil will be used for final reclamation.

13. The holder will reseed all disturbed areas. Seeding will be done according to the attached seeding requirements, using the following seed mix.

- | | |
|--|--|
| <input type="checkbox"/> seed mixture 1 | <input type="checkbox"/> seed mixture 3 |
| <input checked="" type="checkbox"/> seed mixture 2 | <input type="checkbox"/> seed mixture 4 |
| <input type="checkbox"/> seed mixture 2/LPC | <input type="checkbox"/> Aplomado Falcon Mixture |

14. In those areas where erosion control structures are required to stabilize soil conditions, the holder shall install such structures as are suitable for the specific soil conditions being encountered and which are in accordance with sound management practices. Any earth work will require prior approval by the Authorized Officer.

15. Open-topped Tanks - The operator will take actions necessary to prevent wildlife and livestock access, including avian wildlife, to all open-topped tanks that contain or have the potential to contain salinity sufficient to cause harm to wildlife or livestock, hydrocarbons, or Resource Conservation and Recovery Act of 1976-exempt hazardous substances. At a minimum, the operator will net, screen, or cover open-topped tanks to exclude wildlife and livestock and prevent mortality. If the operator uses netting, the operator will cover and secure the open portion of the tank to prevent wildlife entry. The operator will net, screen, or cover the tanks until the operator removes the tanks from the location or the tanks no longer contain substances that could be harmful to wildlife or livestock. Use a maximum netting mesh size of 1 ½ inches. The netting must not be in contact with fluids and must not have holes or gaps

16. The operator will prevent all hazardous, poisonous, flammable, and toxic substances from coming into contact with soil and water. At a minimum, the operator will install and maintain an impervious secondary containment system for any tank or barrel containing hazardous, poisonous, flammable, or toxic substances sufficient to contain the contents of the tank or barrel and any drips, leaks, and anticipated precipitation. The operator will dispose of fluids within the

containment system that do not meet applicable state or U. S. Environmental Protection Agency livestock water standards in accordance with state law; the operator must not drain the fluids to the soil or ground. The operator will design, construct, and maintain all secondary containment systems to prevent wildlife and livestock exposure to harmful substances. At a minimum, the operator will install effective wildlife and livestock enclosure systems such as fencing, netting, expanded metal mesh, lids, and grate covers. Use a maximum netting mesh size of 1 ½ inches.

17. Open-Vent Exhaust Stack Enclosures – The operator will construct, modify, equip, and maintain all open-vent exhaust stacks on production equipment to prevent birds and bats from entering, and to discourage perching, roosting, and nesting. (Recommended enclosure structures on open-vent exhaust stacks are in the shape of a cone.) Production equipment includes, but may not be limited to, tanks, heater-treaters, separators, dehydrators, flare stacks, in-line units, and compressor mufflers.

18. Containment Structures - Proposed production facilities such as storage tanks and other vessels will have a secondary containment structure that is constructed to hold the capacity of 1.5 times the largest tank, plus freeboard to account for precipitation, unless more stringent protective requirements are deemed necessary.

BLM LEASE NUMBER: NMNM027507

COMPANY NAME: Mewbourne Oil Company

ASSOCIATED WELL NAME: Red Hills 21 W1DM Fed Com 2H

STANDARD STIPULATIONS FOR OVERHEAD ELECTRIC DISTRIBUTION LINES

A copy of the grant and attachments, including stipulations, survey plat and/or map, will be on location during construction. BLM personnel may request to you a copy of your permit during construction to ensure compliance with all stipulations.

Holder agrees to comply with the following stipulations to the satisfaction of the Authorized Officer:

1. The holder shall indemnify the United States against any liability for damage to life or property arising from the occupancy or use of public lands under this grant.
2. The holder shall comply with all applicable Federal laws and regulations existing or hereafter enacted or promulgated. In any event, the holder shall comply with the Toxic Substances Control Act of 1976 as amended, 15 USC 2601 *et seq.* (1982) with regards to any toxic substances that are used, generated by or stored on the right-of-way or on facilities authorized under this right-of-way grant. (See 40 CFR, Part 702-799 and especially, provisions on polychlorinated biphenyls, 40 CFR 761.1-761.193.) Additionally, any release of toxic substances (leaks, spills, etc.) in excess of the reportable quantity established by 40 CFR, Part 117 shall be reported as required by the Comprehensive Environmental Response, Compensation, and Liability Act, section 102b. A copy of any report required or requested by any Federal agency or State government as a result of a reportable release or spill of any toxic substances shall be furnished to the authorized officer concurrent with the filing of the reports to the involved Federal agency or State government.
3. The holder agrees to indemnify the United States against any liability arising from the release of any hazardous substance or hazardous waste (as these terms are defined in the Comprehensive Environmental Response, Compensation and Liability Act of 1980, 42 U.S.C. 9601, *et seq.* or the Resource Conservation and Recovery Act, 42 U.S.C. 6901, *et seq.*) on the Right-of-Way (unless the release or threatened release is wholly unrelated to the Right-of-Way holder's activity on the Right-of-Way), or resulting from the activity of the Right-of-Way holder on the Right-of-Way. This agreement applies without regard to whether a release is caused by the holder, its agent, or unrelated third parties.
4. There will be no clearing or blading of the right-of-way unless otherwise agreed to in writing by the Authorized Officer.
5. Power lines shall be constructed and designed in accordance to standards outlined in "Suggested Practices for Avian Protection on Power lines: The State of the Art in 2006" Edison Electric Institute, APLIC, and the California Energy Commission 2006 . The holder shall assume the burden and expense of proving that pole designs not shown in the above publication deter raptor perching, roosting, and nesting. Such proof shall be provided by a raptor expert

approved by the Authorized Officer. The BLM reserves the right to require modification or additions to all powerline structures placed on this right-of-way, should they be necessary to ensure the safety of large perching birds. Such modifications and/or additions shall be made by the holder without liability or expense to the United States.

Raptor deterrence will consist of but not limited to the following: triangle perch discouragers shall be placed on each side of the cross arms and a nonconductive perching deterrence shall be placed on all vertical poles that extend past the cross arms.

6. The holder shall minimize disturbance to existing fences and other improvements on public lands. The holder is required to promptly repair improvements to at least their former state. Functional use of these improvements will be maintained at all times. The holder will contact the owner of any improvements prior to disturbing them. When necessary to pass through a fence line, the fence shall be braced on both sides of the passageway prior to cutting the fence. No permanent gates will be allowed unless approved by the Authorized Officer.

7. The BLM serial number assigned to this authorization shall be posted in a permanent, conspicuous manner where the power line crosses roads and at all serviced facilities. Numbers will be at least two inches high and will be affixed to the pole nearest the road crossing and at the facilities served.

8. Upon cancellation, relinquishment, or expiration of this grant, the holder shall comply with those abandonment procedures as prescribed by the Authorized Officer.

9. All surface structures (poles, lines, transformers, etc.) shall be removed within 180 days of abandonment, relinquishment, or termination of use of the serviced facility or facilities or within 180 days of abandonment, relinquishment, cancellation, or expiration of this grant, whichever comes first. This will not apply where the power line extends service to an active, adjoining facility or facilities.

10. Any cultural and/or paleontological resource (historic or prehistoric site or object) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the Authorized Officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the Authorized Officer. An evaluation of the discovery will be made by the Authorized Officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and any decision as to proper mitigation measures will be made by the Authorized Officer after consulting with the holder.

11. Special Stipulations:

- For reclamation remove poles, lines, transformer, etc. and dispose of properly.
- Fill in any holes from the poles removed.