

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0137
Expires October 31, 2014

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. NMNM 13641
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator MEWBOURNE OIL COMPANY (14744)		7. If Unit or CA Agreement, Name and No.
3a. Address PO Box 5270 Hobbs NM 88240		8. Lease Name and Well No. PRONGHORN 15 B3CN FED COM 1H (319574)
3b. Phone No. (include area code) (575)393-5905		9. API Well No. 30-025-44011 (2209)
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NENW / 185 FNL / 1700 FWL / LAT 32.3113746 / LONG -103.4609948 At proposed prod. zone SESW / 330 FSL / 1800 FWL / LAT 32.2982724 / LONG -103.4606608		10. Field and Pool, or Exploratory ANTELOPE RIDGE WEST / BONE SPR
11. Sec., T. R. M. or Blk. and Survey or Area SEC 15 / T23S / R34E / NMP		12. County or Parish LEA
13. State NM		14. Distance in miles and direction from nearest town or post office* 20 miles
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 185 feet	16. No. of acres in lease 400	17. Spacing Unit dedicated to this well 160
18. Distance from proposed location* to nearest well, drilling, completed, 1250 feet applied for, on this lease, ft.	19. Proposed Depth 11322 feet / 15866 feet	20. BLM/BIA Bond No. on file FED: NM1693
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3397 feet	22. Approximate date work will start* 12/21/2016	23. Estimated duration 60 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature (Electronic Submission)	Name (Printed/Typed) Bradley Bishop / Ph: (575)393-5905	Date 11/18/2016
Title Regulatory		
Approved by (Signature) (Electronic Submission)	Name (Printed/Typed) Cody Layton / Ph: (575)234-5959	Date 07/14/2017
Title Supervisor Multiple Resources	Office HOBBS	

Application approval 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.
Conditions of approval, if any, are attached.

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.

(Continued on page 2)

APPROVED WITH CONDITIONS

Re
09/13/17
*(Instructions on page 2)



U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

APD Print Report

07/18/2017

APD ID: 10400006392

Submission Date: 11/18/2016

Highlight

Operator Name: MEWBOURNE OIL COMPANY

Federal/Indian APD: FED

All Changes

Well Name: PRONGHORN 15 B3CN FED COM

Well Number: 1H

Well Type: OIL WELL

Well Work Type: Drill

Application

Section 1 - General

APD ID: 10400006392

Tie to previous NOS?

Submission Date: 11/18/2016

BLM Office: HOBBS

User: Bradley Bishop

Title: Regulatory

Federal/Indian APD: FED

Is the first lease penetrated for production Federal or Indian? FED

Lease number: NMNM 13641

Lease Acres: 400

Surface access agreement in place?

Allotted?

Reservation:

Agreement in place? NO

Federal or Indian agreement:

Agreement number:

Agreement name:

Keep application confidential? YES

Permitting Agent? NO

APD Operator: MEWBOURNE OIL COMPANY

Operator letter of designation: Pronghorn 15 B3CN Fed Com 1H_Operator Letter of Designation_10-04-2016.pdf

Keep application confidential? YES

Operator Info

Operator Organization Name: MEWBOURNE OIL COMPANY

Operator Address: PO Box 5270

Zip: 88240

Operator PO Box:

Operator City: Hobbs

State: NM

Operator Phone: (575)393-5905

Operator Internet Address:

Section 2 - Well Information

Well in Master Development Plan? NO

Master Development Plan name:

Well in Master SUPO? NO

Master SUPO name:

Well in Master Drilling Plan? NO

Master Drilling Plan name:

Operator Name: MEWBOURNE OIL COMPANY

Well Name: PRONGHORN 15 B3CN FED COM

Well Number: 1H

Well Name: PRONGHORN 15 B3CN FED COM

Well Number: 1H

Well API Number:

Field/Pool or Exploratory? Field and Pool

Field Name: ANTELOPE RIDGE **Pool Name:** BONE SPRING WEST

Is the proposed well in an area containing other mineral resources? USEABLE WATER

Describe other minerals:

Is the proposed well in a Helium production area? N

Use Existing Well Pad? NO

New surface disturbance?

Type of Well Pad: SINGLE WELL

Multiple Well Pad Name:

Number:

Well Class: HORIZONTAL

Number of Legs:

Well Work Type: Drill

Well Type: OIL WELL

Describe Well Type:

Well sub-Type: APPRAISAL

Describe sub-type:

Distance to town: 20 Miles

Distance to nearest well: 1250 FT

Distance to lease line: 185 FT

Reservoir well spacing assigned acres Measurement: 160 Acres

Well plat: Pronghorn 15 B3CN Fed Com 1H_WELL PLAT1_12-27-2016.pdf

Well work start Date: 12/21/2016

Duration: 60 DAYS

Section 3 - Well Location Table

Survey Type: RECTANGULAR

Describe Survey Type:

Datum: NAD83

Vertical Datum: NAVD88

Survey number: 1

	NS-Foot	NS Indicator	EW-Foot	EW Indicator	Twsp	Range	Section	Aliquot/Lot/Tract	Latitude	Longitude	County	State	Meridian	Lease Type	Lease Number	Elevation	MD	TVD
SHL Leg #1	185	FNL	170 0	FWL	23S	34E	15	Aliquot NENW	32.31137 46	- 103.4609 948	LEA	NEW MEXI CO	NEW MEXI CO	F	NMNM 13641	339 7	0	0
KOP Leg #1	185	FNL	170 0	FWL	23S	34E	15	Aliquot NENW	32.31137 46	- 103.4609 948	LEA	NEW MEXI CO	NEW MEXI CO	F	NMNM 13641	- 743 0	108 27	108 27
PPP Leg #1	330	FNL	170 4	FWL	23S	34E	15	Aliquot NENW	32.31026 8	- 103.4622 11	LEA	NEW MEXI CO	NEW MEXI CO	F	NMNM 13641	- 790 7	115 75	113 04

Operator Name: MEWBOURNE OIL COMPANY

Well Name: PRONGHORN 15 B3CN FED COM

Well Number: 1H

	NS-Foot	NS Indicator	EW-Foot	EW Indicator	Twsp	Range	Section	Aliquot/Lot/Tract	Latitude	Longitude	County	State	Meridian	Lease Type	Lease Number	Elevation	MD	TVD
EXIT Leg #1	330	FSL	180 0	FWL	23S	34E	15	Aliquot SESW	32.29827 24	- 103.4606 608	LEA	NEW MEXI CO	NEW MEXI CO	F	NMNM 13838	- 792 5	158 66	113 22
BHL Leg #1	330	FSL	180 0	FWL	23S	34E	15	Aliquot SESW	32.29827 24	- 103.4606 608	LEA	NEW MEXI CO	NEW MEXI CO	F	NMNM 13838	- 792 5	158 66	113 22

Drilling Plan

Section 1 - Geologic Formations

Formation ID	Formation Name	Elevation	True Vertical Depth	Measured Depth	Lithologies	Mineral Resources	Producing Formation
17691	UNKNOWN	3397	27	27		NONE	No
17746	RUSTLER	1828	1569	1569	DOLOMITE, ANHYDRITE	USEABLE WATER	No
17718	TOP SALT	1636	1761	1761	SALT	NONE	No
17723	BOTTOM SALT	-1312	4709	4709	SALT	NONE	No
17719	LAMAR	-1530	4927	4927	LIMESTONE	NATURAL GAS, OIL	No
15332	BELL CANYON	-1650	5047	5047	SANDSTONE	NATURAL GAS, OIL	No
15316	CHERRY CANYON	-2512	5909	5909	SANDSTONE	NATURAL GAS, OIL	No
17713	BRUSHY CANYON	-3740	7137	7137	SANDSTONE	NATURAL GAS, OIL	No
17688	BONE SPRING	-5097	8494	8494	SANDSTONE	NATURAL GAS, OIL	No
15338	BONE SPRING 1ST	-6240	9637	9637	SANDSTONE	NATURAL GAS, OIL	No
17737	BONE SPRING 2ND	-6692	10089	10089	SANDSTONE	NATURAL GAS, OIL	No
17738	BONE SPRING 3RD	-7622	11019	11019	SANDSTONE	NATURAL GAS, OIL	Yes

Section 2 - Blowout Prevention

Operator Name: MEWBOURNE OIL COMPANY

Well Name: PRONGHORN 15 B3CN FED COM

Well Number: 1H

Pressure Rating (PSI): 3M

Rating Depth: 4852

Equipment: Annular, Pipe Ram, Blind Ram

Requesting Variance? YES

Variance request: A variance is requested for the use of a flexible choke line from the BOP to Choke Manifold.

Testing Procedure: Test Annular to 1500#. Test Rams to 3000#.

Choke Diagram Attachment:

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BOP Diagram Attachment:

Pronghorn 15 B3CN Fed Com 1H_3M BOPE Schematic_11-14-2016.pdf

Pressure Rating (PSI): 3M

Rating Depth: 1700

Equipment: Annular

Requesting Variance? NO

Variance request:

Testing Procedure: Test to 2000#

Choke Diagram Attachment:

Pronghorn 15 B3CN Fed Com 1H_3M Surface BOPE Choke Diagram_11-14-2016.pdf

BOP Diagram Attachment:

Pronghorn 15 B3CN Fed Com 1H_3M BOPE Schematic_11-17-2016.pdf

Pressure Rating (PSI): 5M

Rating Depth: 11400

Equipment: Annular, Pipe Ram, Blind Ram

Requesting Variance? YES

Variance request: A variance is requested for the use of a flexible choke line from the BOP to Choke Manifold.

Testing Procedure: Test Annular to 2500# Test Rams to 5000#

Choke Diagram Attachment:

BOP Diagram Attachment:

Pronghorn 15 B3CN Fed Com 1H_Flex Line Specs_11-14-2016.pdf

Pronghorn 15 B3CN Fed Com 1H_5M BOPE Schematic_11-17-2016.pdf

Operator Name: MEWBOURNE OIL COMPANY

Well Name: PRONGHORN 15 B3CN FED COM

Well Number: 1H

Section 3 - Casing

Casing ID	String Type	Hole Size	Csg Size	Condition	Standard	Tapered String	Top Set MD	Bottom Set MD	Top Set TVD	Bottom Set TVD	Top Set MSL	Bottom Set MSL	Calculated casing length MD	Grade	Weight	Joint Type	Collapse SF	Burst SF	Joint SF Type	Joint SF	Body SF Type	Body SF
1	SURFACE	17.5	13.375	NEW	API	Y	0	1700	0	1700	-7907	-9607	1700	H-40	48	STC	1.13	2.53	DRY	3.83	DRY	8.3
2	INTERMEDIATE	12.25	9.625	NEW	API	Y	0	4852	0	4852	-7907	-12759	4852	J-55	36	LTC	1.13	1.96	DRY	2.48	DRY	4.3
3	PRODUCTION	8.75	7.0	NEW	API	N	0	11575	0	11575	-7907	-19482	11575	P-110	26	LTC	1.33	1.69	DRY	2.16	DRY	2.3
4	LINER	6.125	4.5	NEW	API	N	10750	15866	10750	11322	-18657	-19229	5116	P-110	13.5	LTC	1.39	1.62	DRY	4.97	DRY	6.3

Casing Attachments

Casing ID: 1 String Type: SURFACE

Inspection Document:

Spec Document:

Taperd String Spec:

Pronghorn 15 B3CN_Surface Tapered String Diagram_11-18-2016.pdf

Casing Design Assumptions and Worksheet(s):

Pronghorn 15 B3CN Fed Com 1H_drilling program_11-18-2016.pdf

Operator Name: MEWBOURNE OIL COMPANY

Well Name: PRONGHORN 15 B3CN FED COM

Well Number: 1H

Casing Attachments

Casing ID: 2 **String Type:** INTERMEDIATE

Inspection Document:

Spec Document:

Taperd String Spec:

Pronghorn 15 B3CN_Intermediate Tapered String Diagram_11-18-2016.pdf

Casing Design Assumptions and Worksheet(s):

Pronghorn 15 B3CN Fed Com 1H_drilling program_11-18-2016.pdf

Casing ID: 3 **String Type:** PRODUCTION

Inspection Document:

Spec Document:

Taperd String Spec:

Casing Design Assumptions and Worksheet(s):

Pronghorn 15 B3CN Fed Com 1H_drilling program_11-18-2016.pdf

Casing ID: 4 **String Type:** LINER

Inspection Document:

Spec Document:

Taperd String Spec:

Casing Design Assumptions and Worksheet(s):

Pronghorn 15 B3CN Fed Com 1H_drilling program_11-18-2016.pdf

Section 4 - Cement

Operator Name: MEWBOURNE OIL COMPANY

Well Name: PRONGHORN 15 B3CN FED COM

Well Number: 1H

String Type	Lead/Tail	Stage Tool Depth	Top MD	Bottom MD	Quantity(sx)	Yield	Density	Cu Ft	Excess%	Cement type	Additives
SURFACE	Lead		0	1314	1000	2.12	12.5	2120	100	Class C	Salt, Gel, Extender, LCM
SURFACE	Tail		1314	1700	200	1.34	14.8	268	100	Class C	Retarder
INTERMEDIATE	Lead		0	3996	800	2.12	12.5	424	25	Class C	Salt, Gel, Extender, LCM
INTERMEDIATE	Tail		3996	4852	200	1.34	14.8	268	25	Class C	Retarder
PRODUCTION	Lead		925	8435	400	2.12	12.5	848		Class C	Gel, Retarder, Defoamer, Extender
PRODUCTION	Tail		8435	11575	400	1.18	15.6	472	25	Class H	Retarder, Fluid Loss, Defoamer
LINER	Lead		10750	15866	205	2.97	11.2	609		Class C	Salt, Gel, Fluid Loss, Retarder, Dispersant,

Section 5 - Circulating Medium

Mud System Type: Closed

Will an air or gas system be Used? NO

Description of the equipment for the circulating system in accordance with Onshore Order #2:

Diagram of the equipment for the circulating system in accordance with Onshore Order #2:

Describe what will be on location to control well or mitigate other conditions: Lost circulation material Sweeps Mud scavengers in surface hole

Describe the mud monitoring system utilized: Visual Monitoring

Circulating Medium Table

Top Depth	Bottom Depth	Mud Type	Min Weight (lbs/gal)	Max Weight (lbs/gal)	Density (lbs/cu ft)	Gel Strength (lbs/100 sqft)	PH	Viscosity (CP)	Salinity (ppm)	Filtration (cc)	Additional Characteristics
0	1700	SPUD MUD	8.6	8.8							
1700	4900	SALT SATURATED	10	10							

Operator Name: MEWBOURNE OIL COMPANY

Well Name: PRONGHORN 15 B3CN FED COM

Well Number: 1H

Top Depth	Bottom Depth	Mud Type	Min Weight (lbs/gal)	Max Weight (lbs/gal)	Density (lbs/cu ft)	Gel Strength (lbs/100 sqft)	PH	Viscosity (CP)	Salinity (ppm)	Filtration (cc)	Additional Characteristics
4900	1075 0	WATER-BASED MUD	8.6	9.5							
1075 0	1132 2	WATER-BASED MUD	8.6	9.5							

Section 6 - Test, Logging, Coring

List of production tests including testing procedures, equipment and safety measures:

Will run GR/CNL from KOP (10,750') to surface

List of open and cased hole logs run in the well:

CNL,DS,GR,MWD,MUDLOG

Coring operation description for the well:

None

Section 7 - Pressure

Anticipated Bottom Hole Pressure: 4865

Anticipated Surface Pressure: 2374.16

Anticipated Bottom Hole Temperature(F): 140

Anticipated abnormal pressures, temperatures, or potential geologic hazards? NO

Describe:

Contingency Plans geohazards description:

Contingency Plans geohazards attachment:

Hydrogen Sulfide drilling operations plan required? YES

Hydrogen sulfide drilling operations plan:

Pronghorn 15 B3CN Fed Com 1H_H2S Plan_11-18-2016.pdf

Operator Name: MEWBOURNE OIL COMPANY

Well Name: PRONGHORN 15 B3CN FED COM

Well Number: 1H

Section 8 - Other Information

Proposed horizontal/directional/multi-lateral plan submission:

Pronghorn 15 B3CN Fed Com 1H Wall Plot_11-18-2016.pdf

Pronghorn 15 B3CN Fed Com 1H_Well Plan_11-18-2016.pdf

Other proposed operations facets description:

Other proposed operations facets attachment:

Other Variance attachment:

SUPO

Section 1 - Existing Roads

Will existing roads be used? YES

Existing Road Map:

Pronghorn 15 B3CN Fed Com 1H_EXISTING ROAD MAP_10-04-2016.pdf

Existing Road Purpose: ACCESS,FLUID TRANSPORT

Row(s) Exist? NO

ROW ID(s)

ID:

Do the existing roads need to be improved? NO

Existing Road Improvement Description:

Existing Road Improvement Attachment:



Section 2 - New or Reconstructed Access Roads

Will new roads be needed? YES

New Road Map:

Pronghorn 15 B3CN Fed Com 1H_NEW ROAD MAP_11-04-2016.pdf

Pronghorn 15 B3CN Fed Com 1H_NEW ROAD MAP2_11-04-2016.pdf

Pronghorn 15 B3CN Fed Com 1H_NEW ROAD MAP3_11-04-2016.pdf

New road type: RESOURCE

Length: 1400.17 Feet

Width (ft.): 20

Max slope (%): 3

Max grade (%): 3

Army Corp of Engineers (ACOE) permit required? NO

ACOE Permit Number(s):

New road travel width: 14

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Well Number: 1H

New road access erosion control: Road with have ditch with 3:1 slope.

New road access plan or profile prepared? NO

New road access plan attachment:

Access road engineering design? NO

Access road engineering design attachment:

Access surfacing type: OTHER

Access topsoil source: ONSITE

Access surfacing type description: Caliche

Access onsite topsoil source depth: 1

Offsite topsoil source description:

Onsite topsoil removal process: Topsoil will be stockpiled along edge of ditch along roadside.

Access other construction information: None

Access miscellaneous information: None

Number of access turnouts: 1

Access turnout map:

Drainage Control

New road drainage crossing: OTHER

Drainage Control comments: None

Road Drainage Control Structures (DCS) description: None

Road Drainage Control Structures (DCS) attachment:

Access Additional Attachments

Additional Attachment(s):

Section 3 - Location of Existing Wells

Existing Wells Map? YES

Attach Well map:

Rio Bravo 17-20 W2AP Fed Com 1H_existing well map_11-14-2016.pdf

Existing Wells description:

Section 4 - Location of Existing and/or Proposed Production Facilities

Submit or defer a Proposed Production Facilities plan? SUBMIT

Estimated Production Facilities description:

Production Facilities description: a. All permanent, lasting more than 6 months, above ground structures including but not

Operator Name: MEWBOURNE OIL COMPANY

Well Name: PRONGHORN 15 B3CN FED COM

Well Number: 1H

limited to pumpjacks, storage tanks, pipeline risers, meter housing, etc. that are not subject to safety requirements will be painted a non-reflective paint color that blends in with the surrounding landscape. The paint color will be one of the colors from the BLM Standard Environmental Colors chart selected by the BLM authorized officer. b. All proposed production facilities that are located on the well pad will be strategically placed to allow for maximum interim reclamation, recontouring, and revegetation of the well location. c. Production from the proposed well will be located on the North edge of location. d. If any plans change regarding the production facility or other infrastructure (pipeline, electric line, etc.), we will submit a sundry notice or right of way (if applicable) prior to installation of construction.

Production Facilities map:

Pronghorn 15 B3CN Fed Com 1H_ProductionfacilityMAP_11-14-2016.pdf

Section 5 - Location and Types of Water Supply

Water Source Table

Water source use type: CAMP USE, DUST CONTROL, INTERMEDIATE/PRODUCTION CASING, STIMULATION, SURFACE CASING

Describe type:

Source latitude: 32.320847

Source datum: NAD83

Water source permit type: WATER WELL

Source land ownership: PRIVATE

Water source transport method: TRUCKING

Source transportation land ownership: COMMERCIAL

Water source volume (barrels): 1940

Source volume (gal): 81480

Water source use type: DUST CONTROL, INTERMEDIATE/PRODUCTION CASING, STIMULATION, SURFACE CASING

Describe type:

Source latitude: 32.32594

Source datum: NAD83

Water source permit type: WATER WELL

Source land ownership: PRIVATE

Water source transport method: TRUCKING

Source transportation land ownership: PRIVATE

Water source volume (barrels): 1940

Source volume (gal): 81480

Water source type: IRRIGATION

Source longitude: -103.47602

Source volume (acre-feet): 0.2500526

Water source type: IRRIGATION

Source longitude: -103.49779

Source volume (acre-feet): 0.2500526

Operator Name: MEWBOURNE OIL COMPANY

Well Name: PRONGHORN 15 B3CN FED COM

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Water source and transportation map:

Pronghorn 15 B3CN Fed Com 1H_watersourceandtransportationMAP_11-14-2016.pdf

Water source comments:

New water well? NO

New Water Well Info

Well latitude:

Well Longitude:

Well datum:

Well target aquifer:

Est. depth to top of aquifer(ft):

Est thickness of aquifer:

Aquifer comments:

Aquifer documentation:

Well depth (ft):

Well casing type:

Well casing outside diameter (in.):

Well casing inside diameter (in.):

New water well casing?

Used casing source:

Drilling method:

Drill material:

Grout material:

Grout depth:

Casing length (ft.):

Casing top depth (ft.):

Well Production type:

Completion Method:

Water well additional information:

State appropriation permit:

Additional information attachment:

Section 6 - Construction Materials

Construction Materials description: Caliche

Construction Materials source location attachment:

Pronghorn 15 B3CN Fed Com 1H_calichesourceandtransportationMAP_11-14-2016.pdf

Section 7 - Methods for Handling Waste

Waste type: DRILLING

Waste content description: Drill cuttings

Amount of waste: 940 barrels

Waste disposal frequency : One Time Only

Safe containment description: Drill cuttings will be properly contained in steel tanks (20 yard roll off bins.)

Safe containmant attachment:

Operator Name: MEWBOURNE OIL COMPANY

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Waste disposal type: HAUL TO COMMERCIAL FACILITY **Disposal location ownership:** PRIVATE

Disposal type description:

Disposal location description: NMOCD approved waste disposal locations are CRI or Lea Land, both facilities are located on HWY 62/180, Sec. 27 T20S R32E.

Waste type: SEWAGE

Waste content description: Human waste & grey water

Amount of waste: 1500 gallons

Waste disposal frequency : Weekly

Safe containment description: 2,000 gallon plastic container

Safe containmant attachment:

Waste disposal type: HAUL TO COMMERCIAL FACILITY **Disposal location ownership:** PRIVATE

Disposal type description:

Disposal location description: City of Carlsbad Water Treatment facility

Waste type: GARBAGE

Waste content description: Garbage & trash

Amount of waste: 1500 pounds

Waste disposal frequency : One Time Only

Safe containment description: Enclosed trash trailer

Safe containmant attachment:

Waste disposal type: HAUL TO COMMERCIAL FACILITY **Disposal location ownership:** PRIVATE

Disposal type description:

Disposal location description: Waste Management facility in Carlsbad.

Reserve Pit

Reserve Pit being used? NO

Temporary disposal of produced water into reserve pit?

Reserve pit length (ft.) **Reserve pit width (ft.)**

Reserve pit depth (ft.) **Reserve pit volume (cu. yd.)**

Is at least 50% of the reserve pit in cut?

Reserve pit liner

Reserve pit liner specifications and installation description

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Cuttings Area

Cuttings Area being used? NO

Are you storing cuttings on location? NO

Description of cuttings location

Cuttings area length (ft.)

Cuttings area width (ft.)

Cuttings area depth (ft.)

Cuttings area volume (cu. yd.)

Is at least 50% of the cuttings area in cut?

WCuttings area liner

Cuttings area liner specifications and installation description

Section 8 - Ancillary Facilities

Are you requesting any Ancillary Facilities?: NO

Ancillary Facilities attachment:

Comments:

Section 9 - Well Site Layout

Well Site Layout Diagram:

Pronghorn 15 B3CN Fed Com 1H_wellsitelayout_11-14-2016.pdf

Comments: None

Section 10 - Plans for Surface Reclamation

Type of disturbance: NEW

Recontouring attachment:

Drainage/Erosion control construction: None

Drainage/Erosion control reclamation: None

Wellpad long term disturbance (acres): 1.147

Wellpad short term disturbance (acres): 2.185

Access road long term disturbance (acres): 0.642

Access road short term disturbance (acres): 0

Pipeline long term disturbance (acres): 0

Pipeline short term disturbance (acres): 0

Other long term disturbance (acres): 0

Other short term disturbance (acres): 0

Total long term disturbance: 1.789

Total short term disturbance: 2.185

Reconstruction method: The areas planned for interim reclamation will then be recontoured to the original contour if feasible, or if not feasible, to an interim contour that blends with the surrounding topography as much as possible. Where

Operator Name: MEWBOURNE OIL COMPANY

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applicable, the fill material of the well pad will be backfilled into the cut to bring the area back to the original contour. The interim cut and fill slopes prior to re-seeding will not be steeper than a 3:1 ratio, unless the adjacent native topography is steeper. Note: Constructed slopes may be much steeper during drilling, but will be recontoured to the above ratios during interim reclamation.

Topsoil redistribution: Topsoil will be evenly respread and aggressively revegetated over the entire disturbed area not needed for all-weather operations including cuts & fills. To seed the area, the proper BLM seed mixture, free of noxious weeds, will be used.

Soil treatment: NA

Existing Vegetation at the well pad: Various brush & grasses

Existing Vegetation at the well pad attachment:

Existing Vegetation Community at the road: Various brush & grasses

Existing Vegetation Community at the road attachment:

Existing Vegetation Community at the pipeline: NA

Existing Vegetation Community at the pipeline attachment:

Existing Vegetation Community at other disturbances: NA

Existing Vegetation Community at other disturbances attachment:

Non native seed used? NO

Non native seed description:

Seedling transplant description:

Will seedlings be transplanted for this project? NO

Seedling transplant description attachment:

Will seed be harvested for use in site reclamation? NO

Seed harvest description:

Seed harvest description attachment:

Seed Management

Seed Table

Seed type:

Seed source:

Seed name:

Source name:

Source address:

Source phone:

Seed cultivar:

Seed use location:

PLS pounds per acre:

Proposed seeding season:

Seed Summary

Total pounds/Acre:

Seed Type

Pounds/Acre

Operator Name: MEWBOURNE OIL COMPANY

Well Name: PRONGHORN 15 B3CN FED COM

Well Number: 1H

Seed reclamation attachment:

Operator Contact/Responsible Official Contact Info

First Name: Bradley

Last Name: Bishop

Phone: (575)393-5905

Email: bbishop@mewbourne.com

Seedbed prep: Final seedbed preparation will consist of contour cultivating to a depth of 4 to 6 inches within 24 hours prior to seeding, dozer tracking, or other imprinting in order to break the soil crust and create seed germination micro-sites.

Seed BMP: To seed the area, the proper BLM seed mixture, free of noxious weeds, will be used.

Seed method: drilling or broadcasting seed over entire reclaimed area.

Existing invasive species? NO

Existing invasive species treatment description:

Existing invasive species treatment attachment:

Weed treatment plan description: NA

Weed treatment plan attachment:

Monitoring plan description: vii. All reclaimed areas will be monitored periodically to ensure that revegetation occurs, that the area is not redisturbed, and that erosion and invasive/noxious weeds are controlled.

Monitoring plan attachment:

Success standards: regrowth within 1 full growing season of reclamation.

Pit closure description: NA

Pit closure attachment:

Section 11 - Surface Ownership

Disturbance type: NEW ACCESS ROAD

Describe:

Surface Owner: PRIVATE OWNERSHIP, STATE GOVERNMENT

Other surface owner description:

BIA Local Office:

BOR Local Office:

COE Local Office:

DOD Local Office:

NPS Local Office:

State Local Office: NEW MEXICO STATE LAND OFFICE

Military Local Office:

USFWS Local Office:

Other Local Office:

Operator Name: MEWBOURNE OIL COMPANY

Well Name: PRONGHORN 15 B3CN FED COM

Well Number: 1H

USFS Region:

USFS Forest/Grassland:

USFS Ranger District:

Fee Owner: Limestone Livestock, LLC

Fee Owner Address: PO Box 189 Lovington, NM 88260

Phone: (575)396-1742

Email:

Surface use plan certification: NO

Surface use plan certification document:

Surface access agreement or bond: Agreement

Surface Access Agreement Need description: Ranch wide surface use agreement in place with landowner.

Surface Access Bond BLM or Forest Service:

BLM Surface Access Bond number:

USFS Surface access bond number:

Disturbance type: EXISTING ACCESS ROAD

Describe:

Surface Owner: OTHER

Other surface owner description: Lea County Road Dept.

BIA Local Office:

BOR Local Office:

COE Local Office:

DOD Local Office:

NPS Local Office:

State Local Office:

Military Local Office:

USFWS Local Office:

Other Local Office:

USFS Region:

USFS Forest/Grassland:

USFS Ranger District:

Operator Name: MEWBOURNE OIL COMPANY

Well Name: PRONGHORN 15 B3CN FED COM

Well Number: 1H

Disturbance type: WELL PAD

Describe:

Surface Owner: PRIVATE OWNERSHIP

Other surface owner description:

BIA Local Office:

BOR Local Office:

COE Local Office:

DOD Local Office:

NPS Local Office:

State Local Office:

Military Local Office:

USFWS Local Office:

Other Local Office:

USFS Region:

USFS Forest/Grassland:

USFS Ranger District:

Fee Owner: Limestone Livestock, LLC

Fee Owner Address: PO Box 189 Lovington, NM 88260

Phone: (575)396-1742

Email:

Surface use plan certification: NO

Surface use plan certification document:

Surface access agreement or bond: Agreement

Surface Access Agreement Need description: Ranch wide surface use agreement in place with landowner.

Surface Access Bond BLM or Forest Service:

BLM Surface Access Bond number:

USFS Surface access bond number:

Section 12 - Other Information

Right of Way needed? NO

Use APD as ROW?

ROW Type(s):

ROW Applications

Operator Name: MEWBOURNE OIL COMPANY

Well Name: PRONGHORN 15 B3CN FED COM

Well Number: 1H

SUPO Additional Information: NONE

Use a previously conducted onsite? YES

Previous Onsite information: APR 22 2015 Met with Trish Badbear (BLM), Rebecca Hill (Boone Arch) & RRC Surveying & staked location @ 185' FNL & 1800' FWL, Sec 15, T23S, R34E, Lea Co., NM. (Elevation @ 3394'). This appears to be a drillable location with pit area to the N. Topsoil will be stockpiled 30' wide on S side. Reclaim 70' S, E, W. New road on NE corner heading E to Pronghorn 15 B3BO Fed Com #1H. Battery will be on N if needed. This will be a 340' x 340' pad. Need SUA with Bill Angel. (BPS) MAY 01 2015 Originally staked @ 185' FNL & 1800' FWL, Sec 15, T23S, R34E, Lea Co. NM. This location was found unacceptable due to buried Agave pipeline. Moved location to 185' FNL & 1700' FWL, Sec 15, 23S, R34E, Lea Co., NM (Elevation @ 3396'). This appears to be a drillable location with pit area to the S. Topsoil will be stockpiled 30' wide on W side. Reclaim 70' E & W, 30' S. New road on NE corner heading E to CR E-21 (Adobe Rd.). Battery will be on N if needed. This will be a 280' x 340' pad. Need SUA with Bill Angel. Verbal approval for this location by phone conversation with Trish Badbear (BLM).

Other SUPO Attachment

PWD

Section 1 - General

Would you like to address long-term produced water disposal? NO

Section 2 - Lined Pits

Would you like to utilize Lined Pit PWD options? NO

Produced Water Disposal (PWD) Location:

PWD surface owner:

PWD disturbance (acres):

Lined pit PWD on or off channel:

Lined pit PWD discharge volume (bbl/day):

Lined pit specifications:

Pit liner description:

Operator Name: MEWBOURNE OIL COMPANY

Well Name: PRONGHORN 15 B3CN FED COM

Well Number: 1H

Pit liner manufacturers information:

Precipitated solids disposal:

Describe precipitated solids disposal:

Precipitated solids disposal permit:

Lined pit precipitated solids disposal schedule:

Lined pit precipitated solids disposal schedule attachment:

Lined pit reclamation description:

Lined pit reclamation attachment:

Leak detection system description:

Leak detection system attachment:

Lined pit Monitor description:

Lined pit Monitor attachment:

Lined pit: do you have a reclamation bond for the pit?

Is the reclamation bond a rider under the BLM bond?

Lined pit bond number:

Lined pit bond amount:

Additional bond information attachment:

Section 3 - Unlined Pits

Would you like to utilize Unlined Pit PWD options? NO

Produced Water Disposal (PWD) Location:

PWD surface owner:

PWD disturbance (acres):

Unlined pit PWD on or off channel:

Unlined pit PWD discharge volume (bbl/day):

Unlined pit specifications:

Precipitated solids disposal:

Describe precipitated solids disposal:

Precipitated solids disposal permit:

Unlined pit precipitated solids disposal schedule:

Unlined pit precipitated solids disposal schedule attachment:

Unlined pit reclamation description:

Unlined pit reclamation attachment:

Unlined pit Monitor description:

Unlined pit Monitor attachment:

Operator Name: MEWBOURNE OIL COMPANY

Well Name: PRONGHORN 15 B3CN FED COM

Well Number: 1H

Do you propose to put the produced water to beneficial use?

Beneficial use user confirmation:

Estimated depth of the shallowest aquifer (feet):

Does the produced water have an annual average Total Dissolved Solids (TDS) concentration equal to or less than that of the existing water to be protected?

TDS lab results:

Geologic and hydrologic evidence:

State authorization:

Unlined Produced Water Pit Estimated percolation:

Unlined pit: do you have a reclamation bond for the pit?

Is the reclamation bond a rider under the BLM bond?

Unlined pit bond number:

Unlined pit bond amount:

Additional bond information attachment:

Section 4 - Injection

Would you like to utilize Injection PWD options? NO

Produced Water Disposal (PWD) Location:

PWD surface owner:

PWD disturbance (acres):

Injection PWD discharge volume (bbl/day):

Injection well mineral owner:

Injection well type:

Injection well number:

Injection well name:

Assigned injection well API number?

Injection well API number:

Injection well new surface disturbance (acres):

Minerals protection information:

Mineral protection attachment:

Underground Injection Control (UIC) Permit?

UIC Permit attachment:

Section 5 - Surface Discharge

Would you like to utilize Surface Discharge PWD options? NO

Produced Water Disposal (PWD) Location:

PWD surface owner:

PWD disturbance (acres):

Surface discharge PWD discharge volume (bbl/day):

Operator Name: MEWBOURNE OIL COMPANY

Well Name: PRONGHORN 15 B3CN FED COM

Well Number: 1H

Surface Discharge NPDES Permit?

Surface Discharge NPDES Permit attachment:

Surface Discharge site facilities information:

Surface discharge site facilities map:

Section 6 - Other

Would you like to utilize Other PWD options? NO

Produced Water Disposal (PWD) Location:

PWD surface owner:

PWD disturbance (acres):

Other PWD discharge volume (bbl/day):

Other PWD type description:

Other PWD type attachment:

Have other regulatory requirements been met?

Other regulatory requirements attachment:

Bond Info

Bond Information

Federal/Indian APD: FED

BLM Bond number: NM1693

BIA Bond number:

Do you have a reclamation bond? NO

Is the reclamation bond a rider under the BLM bond?

Is the reclamation bond BLM or Forest Service?

BLM reclamation bond number:

Forest Service reclamation bond number:

Forest Service reclamation bond attachment:

Reclamation bond number:

Reclamation bond amount:

Reclamation bond rider amount:

Additional reclamation bond information attachment:

Operator Certification

Operator Name: MEWBOURNE OIL COMPANY

Well Name: PRONGHORN 15 B3CN FED COM

Well Number: 1H

Operator Certification

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

NAME: Bradley Bishop

Signed on: 10/04/2016

Title: Regulatory

Street Address: PO Box 5270

City: Hobbs

State: NM

Zip: 88240

Phone: (575)393-5905

Email address: bbishop@mewbourne.com

Field Representative

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

Payment Info

Payment

APD Fee Payment Method: PAY.GOV

pay.gov Tracking ID: 25V2UBIU