

Well Name: LOCO HILLS 2/3 B2CD FED COM	Well Location: T18S / R30E / SEC 2 / SWNE / 32.7826386 / -103.9680471	County or Parish/State: EDDY / NM
Well Number: 1H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM0001159, NMNM01159	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001546020	Well Status: Approved Application for Permit to Drill	Operator: MEWBOURNE OIL COMPANY

Notice of Intent

Type of Submission: Notice of Intent

Type of Action APD Change

Date Sundry Submitted: 01/15/2021

Time Sundry Submitted: 02:04

Date proposed operation will begin: 01/29/2021

Procedure Description: Change name to LOCO HILLS 2/3 B2CD FED COM #1H Change SL to 1360' FNL & 2400' FEL, Sec 2 T18S R30E Change BHL to 400' FNL & 100' FWL, Sec 3 T18S R30E Change production facility to SE edge of well pad approximately 100' X 400' & install 154' of lease road. See attached for plats. Please call Bradley Bishop with any questions. Bond on file: NM1693 nationwide & NMB000919

Application

Well Name: LOCO HILLS 2/3 B2CD
FED COM

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Section 1 - General

APD ID: 10400030420

Tie to previous NOS?

Submission Date:

BLM Office: CARLSBAD

User: Bradley Bishop

Title: Regulatory

Federal/Indian APD: FED

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

Lease number: NMNM0001159

Lease Acres:

Surface access agreement in place?

Allotted?

Reservation:

Agreement in place? N

Federal or Indian agreement:

Agreement number:

Agreement name:

Keep application confidential? YES

Permitting Agent? NO

APD Operator: MEWBOURNE OIL COMPANY

Operator letter of designation:

LocoHills2_3B2FEFedCom1H_operatorletterordesignation_20180521140437.pdf

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:

Well Name: LOCO HILLS 2/3 B2CD FED COM

Well Number: 1H

Well API Number: 3001546020

Field/Pool or Exploratory? Field and Pool

Field Name: SHUGART NORTH Pool Name: BONE SPRING
BONE SPRING

Is the proposed well in an area containing other mineral resources? NATURAL GAS,OIL

Is the proposed well in a Helium production area? N

Use Existing Well Pad? NO

New surface disturbance?

Type of Well Pad: MULTIPLE WELL

Multiple Well Pad Name: LOCO Number: 2

Well Class: HORIZONTAL

HILLS 2 FED COM

Number of Legs: 1

Well Work Type: Drill

Well Type: OIL WELL

Describe Well Type:

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Is the proposed well in an area containing other mineral resources? NATURAL GAS,OIL

Well sub-Type: APPRAISAL

Describe sub-type:

Distance to town: 20 Miles

Distance to nearest well: 330 FT

Distance to lease line: 185 FT

Reservoir well spacing assigned acres Measurement: 320 Acres

Well plat: LocoHills2_3B2FEFedCom1H_wellplat_20180814141153.pdf

Well work start Date: 11/14/2018

Duration: 60 DAYS

Section 3 - Well Location Table

Survey Type: RECTANGULAR

Describe Survey Type:

Datum: NAD83

Vertical Datum: NAVD88

Survey number: 1

Reference Datum:

Wellbore	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	Will this well produce from this lease?
SHL Leg #1	1360	FNL	2400	FEL	18S	30E	2	Aliquot SWNE	32.7826386	-103.9680471	EDD Y	NEW MEXICO	NEW MEXICO	S	STATE	3623	27	27	Y
KOP Leg #1	2085	FSL	2638	FWL	18S	30E	2	Aliquot SENW	32.7779802	-103.9426152	EDD Y	NEW MEXICO	NEW MEXICO	S	STATE	-3818	7454	7441	Y
PPP Leg #1-1	2085	FSL	2538	FWL	18S	30E	2	Aliquot SENW	32.7778906	-103.9429341	EDD Y	NEW MEXICO	NEW MEXICO	S	STATE	-4107	7766	7730	Y
PPP Leg #1-2	2085	FNL	0	FEL	18S	30E	3	Aliquot SENE	32.77799	-103.9511984	EDD Y	NEW MEXICO	NEW MEXICO	F	NMNM0001159	-4263	10365	7886	Y

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Wellbore	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	Will this well produce from this lease?
EXIT Leg #1	2085	FNL	100	FWL	18S	30E	3	Aliquot SWN W	32.7780083	-103.9680476	EDD Y	NEW MEXICO	NEW MEXICO	F	NMNM0001159	-4185	15544	7808	Y
BHL Leg #1	400	FNL	100	FWL	18S	30E	3	Aliquot SWN W	32.779972	-103.9418366	EDD Y	NEW MEXICO	NEW MEXICO	F	NMNM0001159	-4185	15544	7808	Y

Drilling Plan

Section 1 - Geologic Formations

Formation ID	Formation Name	Elevation	True Vertical Depth	Measured Depth	Lithologies	Mineral Resources	Producing Formation
1385384	UNKNOWN	3623	27	27		NONE	N
1385391	RUSTLER	3203	420	420	ANHYDRITE, DOLOMITE	USEABLE WATER	N
1385392	TOP SALT	3008	615	615	SALT	NONE	N
1385385	BASE OF SALT	2118	1505	1505	SALT	NONE	N
1385386	YATES	1938	1685	1685	SANDSTONE	NATURAL GAS, OIL	N
1385387	SEVEN RIVERS	1578	2045	2045	DOLOMITE	NATURAL GAS, OIL	N
1385388	QUEEN	983	2640	2640	DOLOMITE, SANDSTONE	NATURAL GAS, OIL	N
1385382	GRAYBURG	793	2830	2830		NATURAL GAS, OIL	N
1385393	SAN ANDRES	118	3505	3505	DOLOMITE	NATURAL GAS, OIL	N
1385383	BONE SPRING	-1252	4875	4875	LIMESTONE, SHALE	NATURAL GAS, OIL	N
1385389	BONE SPRING 1ST	-3282	6905	6905	SANDSTONE	NATURAL GAS, OIL	N
1385390	BONE SPRING 2ND	-3827	7450	7450	SANDSTONE	NATURAL GAS, OIL	Y

Section 2 - Blowout Prevention

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Pressure Rating (PSI): 3M

Rating Depth: 15544

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. Anchors are not required by the manufacturer. A multibowl wellhead is being used. See attached schematic.

Testing Procedure: BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure indicated above per Onshore Order 2 requirements. The system may be upgraded to a higher pressure but still tested to the working pressure listed in the table above. If the system is upgraded all the components installed will be functional and tested. Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. Other accessories to the BOP equipment will include a Kelly cock and floor safety valve (inside BOP) and choke lines and choke manifold. See attached schematics.

Choke Diagram Attachment:

Loco_Hills_2_3_B2FE_Fed_Com_1H_3M_BOPE_Choke_Diagram_20180814160811.pdf

Loco_Hills_2_3_B2FE_Fed_Com_1H_Flex_Line_Specs_20180814160813.pdf

BOP Diagram Attachment:

Loco_Hills_2_3_B2FE_Fed_Com_1H_3M_BOPE_Schematic_20180814160829.pdf

Loco_Hills_2_3_B2FE_Fed_Com_1H_Multi_Bowl_WH_20180814160831.pdf

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	N	0	500	0	500	3650		500	H-40	48	ST&C	3.37	7.56	DRY	13.42	DRY	22.4
2	INTERMEDIATE	12.25	9.625	NEW	API	Y	0	3775	0	3775	3650		3775	J-55	36	LT&C	1.13	1.96	DRY	3.3	DRY	4.3
3	PRODUCTION	8.75	7.0	NEW	API	N	0	8211	0	7918	3650		8211	P-110	26	LT&C	1.89	2.57	DRY	2.97	DRY	3.3
4	LINER	6.125	4.5	NEW	API	N	7454	15544	7441	7808			8090	P-110	13.5	LT&C	2.59	3.01	DRY	3.09	DRY	3.3

Casing Attachments

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Casing Attachments

Casing ID: 1 String Type: SURFACE

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

Loco_Hills_2_3_B2FE_Fed_Com_1H_Csg_Assumptions_20180814161219.pdf

Casing ID: 2 String Type: INTERMEDIATE

Inspection Document:

Spec Document:

Tapered String Spec:

Loco_Hills_2_3_B2FE_Fed_Com_1H_TaperedCsg_20180814162140.pdf

Casing Design Assumptions and Worksheet(s):

Loco_Hills_2_3_B2FE_Fed_Com_1H_Csg_Assumptions_20180814162204.pdf

Casing ID: 3 String Type: PRODUCTION

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

Loco_Hills_2_3_B2FE_Fed_Com_1H_Csg_Assumptions_20180814162316.pdf

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Type of Well: OIL WELL

Allottee or Tribe Name:

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Unit or CA Name:

Unit or CA Number:

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Casing Attachments

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

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

Loco_Hills_2_3_B2FE_Fed_Com_1H_Csg_Assumptions_20180814162425.pdf

Section 4 - Cement

String Type	Lead/Tail	Stage Tool Depth	Top MD	Bottom MD	Quantity(sx)	Yield	Density	Cu Ft	Excess%	Cement type	Additives
SURFACE	Lead		0	309	205	2.12	12.5	435	100	Class C	Salt, Gel, Extender, LCM
SURFACE	Tail		309	500	200	1.34	14.8	268	100	Class C	Retarder
INTERMEDIATE	Lead		0	3113	595	2.12	12.5	1261	25	Class C	Salt, Gel, Extender, LCM
INTERMEDIATE	Tail		3113	3775	200	1.34	14.8	268	25	Class C	Retarder
PRODUCTION	Lead		3575	5740	195	2.12	12.5	413	25	Class C	Gel, Retarder, Defoamer, Extender
PRODUCTION	Tail		5740	8211	400	1.18	15.6	472	25	Class H	Retarder, Fluid Loss, Defoamer
LINER	Lead		7454	1554 4	330	2.97	11.2	980	25	Class C	Salt, Gel, Fluid Loss, Retarder, Dispersant, Defoamer, Anti-Settling Agent

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Type of Well: OIL WELL

Allottee or Tribe Name:

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Unit or CA Number:

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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	500	SPUD MUD	8.6	8.8							
500	3775	SALT SATURATED	10	10							
3775	7441	WATER-BASED MUD	8.6	9.5							
7441	7918	OIL-BASED MUD	8.6	10							

Section 6 - Test, Logging, Coring

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

Will run GR/CNL from KOP (7454') 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

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Section 7 - Pressure

Anticipated Bottom Hole Pressure: 4118

Anticipated Surface Pressure: 2199.6

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:

Loco_Hills_2_3_B2FE_Fed_Com_1H_H2S_Plan_20180814163347.pdf

Section 8 - Other Information

Proposed horizontal/directional/multi-lateral plan submission:

Loco_Hills_2_3_B2FE_Fed_Com_1H_Dir_Plan_20180814163408.pdf

Loco_Hills_2_3_B2FE_Fed_Com_1H_Dir_Plot_20180814163407.pdf

Other proposed operations facets description:

Other proposed operations facets attachment:

Loco_Hills_2_3_B2FE_Fed_Com_1H_Drilling_Program_20180814163422.doc

Loco_Hills_2_3_B2FE_Fed_Com_1H_C_101_20180814163933.pdf

Other Variance attachment:

SUPO

Section 1 - Existing Roads

Will existing roads be used? YES

Existing Road Map:

LocoHills2_3B2FEFedCom1H_existingroadmap_20180521141347.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:

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Section 2 - New or Reconstructed Access Roads

Will new roads be needed? NO

Section 3 - Location of Existing Wells

Existing Wells Map? YES

Attach Well map:

LocoHills2_3B2FEFedCom1H_existingwellmap_20180521141433.pdf

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

Submit or defer a Proposed Production Facilities plan? SUBMIT

Production Facilities description: a. All permanent, lasting more than 6 months, above ground structures including but not 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 East 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. e. An electric line will be applied for through a sundry notice or BLM right of way at a later date.

Production Facilities map:

LocoHills2_3B2FEFedCom1H_productionfacilitymap_20180521141449.pdf

Section 5 - Location and Types of Water Supply

Water Source Table

Water source type: IRRIGATION

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

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STIMULATION
SURFACE CASING
DUST CONTROL
INTERMEDIATE/PRODUCTION
CASING

Source latitude: 32.71228

Source longitude: -103.902504

Source datum: NAD83

Water source permit type:

WATER WELL

Water source transport method:

TRUCKING

Source land ownership: PRIVATE

Source transportation land ownership: FEDERAL

Water source volume (barrels): 1940

Source volume (acre-feet): 0.2500526

Source volume (gal): 81480

Water source type: IRRIGATION

Water source use type:

SURFACE CASING
STIMULATION
DUST CONTROL
CAMP USE
INTERMEDIATE/PRODUCTION
CASING

Source latitude: 32.464592

Source longitude: -103.53552

Source datum: NAD83

Water source permit type:

WATER WELL

Water source transport method:

TRUCKING

Source land ownership: FEDERAL

Source transportation land ownership: FEDERAL

Water source volume (barrels): 1940

Source volume (acre-feet): 0.2500526

Source volume (gal): 81480

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Water source and transportation map:

LocoHills2_3B2FEFedCom1H_watersourceandtransmap_20180521141506.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

Using any construction materials: YES

Construction Materials description: Caliche - BOTH SOURCES SHOWN ON ONE MAP

Construction Materials source location attachment:

LocoHills2_3B2FEFedCom1H_calichesourceandtransmap_20180521141555.pdf

Section 7 - Methods for Handling Waste

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

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Disposal type description:

Disposal location description: Waste Management facility in Carlsbad.

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: 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:

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.

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

Cuttings Area

Cuttings Area being used? NO

Are you storing cuttings on location? NO

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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:

LocoHills2_3B2FEFedCom1H_wellsitelayout_20180521141621.pdf

Comments:

Section 10 - Plans for Surface Reclamation

Type of disturbance: New Surface Disturbance

Multiple Well Pad Name: LOCO HILLS 2 FED COM

Multiple Well Pad Number: 2

Recontouring attachment:

Drainage/Erosion control construction: None

Drainage/Erosion control reclamation: None

Well pad proposed disturbance (acres): 4.132	Well pad interim reclamation (acres): 1.314	Well pad long term disturbance (acres): 2.818
Road proposed disturbance (acres): 0.53	Road interim reclamation (acres): 0	Road long term disturbance (acres): 0
Powerline proposed disturbance (acres): 0	Powerline interim reclamation (acres): 0	Powerline long term disturbance (acres): 0
Pipeline proposed disturbance (acres): 0	Pipeline interim reclamation (acres): 0	Pipeline long term disturbance (acres): 0
Other proposed disturbance (acres): 0	Other interim reclamation (acres): 0	Other long term disturbance (acres): 0
Total proposed disturbance: 4.662	Total interim reclamation: 1.314	Total long term disturbance: 2.818

Disturbance Comments: In areas to be heavily disturbed, the top 6 inches of soil material, will be stripped and stockpiled on the perimeter of the well location to keep topsoil viable, and to make redistribution of topsoil more efficient during interim reclamation. Stockpiled topsoil should include vegetative material. Topsoil will be clearly segregated and stored separately from subsoils. Contaminated soil will not be stockpiled, but properly treated and handled prior to topsoil salvaging.
Reconstruction method: The areas planned for interim reclamation will then be recontoured to the original contour if feasible,

Well Name: LOCO HILLS 2/3 B2CD
FED COM

Well Location: T18S / R30E / SEC 2 /
SWNE / 32.7826386 / -103.9680471

County or Parish/State: EDDY /
NM

Well Number: 1H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM0001159,
NMNM01159

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001546020

Well Status: Approved Application for
Permit to Drill

Operator: MEWBOURNE OIL
COMPANY

or if not feasible, to an interim contour that blends with the surrounding topography as much as possible. Where 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 Summary	
Seed Type	Pounds/Acre

Total pounds/Acre:

Seed reclamation attachment:

Operator Contact/Responsible Official Contact Info

Well Name: LOCO HILLS 2/3 B2CD
FED COM

Well Location: T18S / R30E / SEC 2 /
SWNE / 32.7826386 / -103.9680471

County or Parish/State: EDDY /
NM

Well Number: 1H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM0001159,
NMNM01159

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001546020

Well Status: Approved Application for
Permit to Drill

Operator: MEWBOURNE OIL
COMPANY

First Name:

Last Name:

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: STATE GOVERNMENT

Other surface owner description:

BIA Local Office:

BOR Local Office:

COE Local Office:

DOD Local Office:

NPS Local Office:

State Local Office: ARTESIA NM

Military Local Office:

USFWS Local Office:

Other Local Office:

USFS Region:

USFS Forest/Grassland:

USFS Ranger District:

Well Name: LOCO HILLS 2/3 B2CD
FED COM

Well Location: T18S / R30E / SEC 2 /
SWNE / 32.7826386 / -103.9680471

County or Parish/State: EDDY /
NM

Well Number: 1H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM0001159,
NMNM01159

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001546020

Well Status: Approved Application for
Permit to Drill

Operator: MEWBOURNE OIL
COMPANY

Disturbance type: EXISTING ACCESS ROAD

Describe:

Surface Owner: STATE GOVERNMENT

Other surface owner description:

BIA Local Office:

BOR Local Office:

COE Local Office:

DOD Local Office:

NPS Local Office:

State Local Office: ARTESIA NM

Military Local Office:

USFWS Local Office:

Other Local Office:

USFS Region:

USFS Forest/Grassland:

USFS Ranger District:

Disturbance type: WELL PAD

Describe:

Surface Owner: STATE GOVERNMENT

Other surface owner description:

BIA Local Office:

BOR Local Office:

COE Local Office:

DOD Local Office:

NPS Local Office:

State Local Office: ARTESIA NM

Military Local Office:

USFWS Local Office:

Other Local Office:

USFS Region:

USFS Forest/Grassland:

USFS Ranger District:

Well Name: LOCO HILLS 2/3 B2CD
FED COM

Well Location: T18S / R30E / SEC 2 /
SWNE / 32.7826386 / -103.9680471

County or Parish/State: EDDY /
NM

Well Number: 1H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM0001159,
NMNM01159

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001546020

Well Status: Approved Application for
Permit to Drill

Operator: MEWBOURNE OIL
COMPANY

Section 12 - Other Information

Right of Way needed? NO

Use APD as ROW?

ROW Type(s):

ROW Applications

SUPO Additional Information:

Use a previously conducted onsite? YES

Previous Onsite information: APR 13 2018 Met with BLM & RRC surveying & staked location @ location 2025' FNL & 2475' FEL, Sec 2, T18S, R30E, Eddy Co., NM. This location was unacceptable due to overhead electric line. Moved location to 2340' FNL & 2475' FEL, Sec 2, T18S R30E, Eddy Co., NM. This appears to be a drillable location. (Elevation @ 3623'). Topsoil will be stockpiled on South edge of well pad. Location is 400' x 450'. Existing lease road is on NE edge of well pad. GPS coordinates: 32.7772792, -103.9420822 (NAD 83)

Other SUPO Attachment

LocoHills2_3B2FEFedCom1H_gascaptureplan_20180521141907.pdf

LocoHills2_3B2FEFedCom1H_interimreclamationdiagram_20180521141922.pdf

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

Well Name: LOCO HILLS 2/3 B2CD
FED COM

Well Location: T18S / R30E / SEC 2 /
SWNE / 32.7826386 / -103.9680471

County or Parish/State: EDDY /
NM

Well Number: 1H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM0001159,
NMNM01159

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001546020

Well Status: Approved Application for
Permit to Drill

Operator: MEWBOURNE OIL
COMPANY

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:

Pit liner manufacturers information:

Precipitated solids disposal:

Decribe 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 disturbance (acres):

PWD surface owner:

Unlined pit PWD on or off channel:

Unlined pit PWD discharge volume (bbl/day):

Unlined pit specifications:

Precipitated solids disposal:

Decribe precipitated solids disposal:

Precipitated solids disposal permit:

Unlined pit precipitated solids disposal schedule:

Unlined pit precipitated solids disposal schedule attachment:

Unlined pit reclamation description:

Well Name: LOCO HILLS 2/3 B2CD
FED COM

Well Location: T18S / R30E / SEC 2 /
SWNE / 32.7826386 / -103.9680471

County or Parish/State: EDDY /
NM

Well Number: 1H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM0001159,
NMNM01159

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001546020

Well Status: Approved Application for
Permit to Drill

Operator: MEWBOURNE OIL
COMPANY

Unlined pit reclamation attachment:

Unlined pit Monitor description:

Unlined pit Monitor attachment:

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

Well Name: LOCO HILLS 2/3 B2CD
FED COM

Well Location: T18S / R30E / SEC 2 /
SWNE / 32.7826386 / -103.9680471

County or Parish/State: EDDY /
NM

Well Number: 1H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM0001159,
NMNM01159

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001546020

Well Status: Approved Application for
Permit to Drill

Operator: MEWBOURNE OIL
COMPANY

Produced Water Disposal (PWD) Location:

PWD surface owner:

PWD disturbance (acres):

Surface discharge PWD discharge volume (bbl/day):

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:

Operator Certification

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:

Title: Regulatory

Street Address: PO Box 5270

City: Hobbs

State: NM

Zip: 88260

Phone: (575)393-5905

Email address: bbishop@mewbourne.com

Field Representative

Well Name: LOCO HILLS 2/3 B2CD
FED COM

Well Location: T18S / R30E / SEC 2 /
SWNE / 32.7826386 / -103.9680471

County or Parish/State: EDDY /
NM

Well Number: 1H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM0001159,
NMNM01159

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001546020

Well Status: Approved Application for
Permit to Drill

Operator: MEWBOURNE OIL
COMPANY

Representative Name:

Street Address:

City: State: Zip:

Phone:

Email address:

Oral Submission

Oral Notification Date: Dec 16, 2020

Oral Notification Time: 12:00 AM

Contacted By: Bradley Bishop

Contact's Email: bbishop@mewbourne.com

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752342234

BLM POC Email Address: cwalls@blm.gov

Disposition: Approved

Disposition Date: 01/27/2021

Signature: Cody Layton

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-46020		² Pool Code 62685		³ Pool Name WALTONS LAKE BONE SPRING					
⁴ Property Code		⁵ Property Name LOCO HILLS 2/3 B2CD FED COM				⁶ Well Number 1H			
⁷ GRID NO. 14744		⁸ Operator Name MEWBOURNE OIL COMPANY				⁹ Elevation 3637'			
¹⁰ Surface Location									
UL or lot no. G	Section 2	Township 18S	Range 30E	Lot Idn	Feet from the 1360	North/South line NORTH	Feet From the 2400	East/West line EAST	County EDDY
¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. 4	Section 3	Township 18S	Range 30E	Lot Idn	Feet from the 400	North/South line NORTH	Feet from the 100	East/West line WEST	County EDDY
¹² Dedicated Acres 242.50	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

16

CORNER DATA

NAD 83 GRID - NM EAST

A: FOUND BRASS CAP "1916"
N: 643759.8 - E: 653515.9

B: FOUND BRASS CAP "1916"
N: 646397.6 - E: 653507.4

C: FOUND BRASS CAP "1916"
N: 649049.6 - E: 653498.5

D: FOUND BRASS CAP "1916"
N: 649060.9 - E: 658777.2

E: FOUND BRASS CAP "1916"
N: 649074.2 - E: 664053.7

F: FOUND BRASS CAP "1916"
N: 646426.4 - E: 664062.2

G: FOUND BRASS CAP "1916"
N: 643788.5 - E: 664071.1

H: FOUND BRASS CAP "1916"
N: 643780.8 - E: 661430.5

I: FOUND BRASS CAP "1916"
N: 643770.9 - E: 658794.1

J: FOUND BRASS CAP "1916"
N: 643765.2 - E: 656154.0

K: FOUND BRASS CAP "1916"
N: 646409.3 - E: 658785.5

GEODETIC DATA
NAD 83 GRID - NM EAST

BOTTOM HOLE
N: 648649.9 - E: 653599.8
LAT: 32.7826386° N
LONG: 103.9680471° W

SURFACE LOCATION
NAD 83 GRID - NM EAST
N: 647708.6 - E: 661658.6
LAT: 32.7799720° N
LONG: 103.9418366° W

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Bradley Bishop 12/15/20
Signature Date

BRADLEY BISHOP
Printed Name

BBISHOP@MEWBOURNE.COM
E-mail Address

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

11-16-2020
Date of Survey

Signature and Seal of Professional Surveyor



19680
Certificate Number

Job No: LS20110690

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

COMMENTS

Action 19496

COMMENTS

Operator:	P.O. Box 5270	Hobbs, NM88241	OGRID:	14744	Action Number:	19496	Action Type:	C-103A
MEWBOURNE OIL CO								

Created By	Comment	Comment Date
jagarcia	New property code is 330284	03/11/2021
kpickford	KP GEO Review 3/05/2021	03/05/2021

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 19496

CONDITIONS OF APPROVAL

Operator:	MEWBOURNE OIL CO	P.O. Box 5270	Hobbs, NM88241	OGRID:	14744	Action Number:	19496	Action Type:	C-103A
OCD Reviewer	Condition								
kpickford	Adhere to previous NMOCD Conditions of Approval								