HOBBS OCD

13-36

JUL 23 2013 OCD Hobbs

Form 3160-3
(February 2005)

RECEIVED

FORM APPROVED
OMB No. 1004-0137
Expires March 31, 2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: ☑ DRILL ☐ REENTER	5. Lease Serial No. NM 14492
	6. If Indian, Allotee or Tribe Name ---
	7. If Unit or CA Agreement, Name and No. ---
1b. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Other ☑ Single Zone ☐ Multiple Zone	8. Lease Name and Well No. 8105 JV-P Mesa #2H (305301)
2. Name of Operator BTA Oil Producers, LLC (260297)	9. API Well No. 30-025-41289
3a. Address 104 S. Pecos, Midland, TX 79701 — 3b. Phone No. (include area code) (432) 682-3753	10. Field and Pool, or Exploratory Jennings; Upper Bone Spring Shale (97838)
4. Location of Well (Report location clearly and in accordance with any State requirements.*) At surface 330' FNL & 430' FWL NWNW Sec. 11 Unit D; At proposed prod. zone 330' FSL & 430' FWL SWSW Sec. 11 Unit M	11. Sec., T. R. M. or Blk. and Survey or Area Sec. 11, T26S-R32E
14. Distance in miles and direction from nearest town or post office* 25 miles west from Jal, NM	12. County or Parish Lea — 13. State NM
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. unit line, if any) 330' — 16. No. of acres in lease 1960 — 17. Spacing Unit dedicated to this well 160 acres	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 11314' BHL to BHL — 19. Proposed Depth 14,023' MD 9,540' TVD — 20. BLM/BIA Bond No. on file NM1195 NMB000849	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3242' GL — 22. Approximate date work will start* 05/01/2013 — 23. Estimated duration 45 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 Pam Inskeep	Name (Printed/Typed) Pam Inskeep	Date 01/02/2013
Title Regulatory Administrator		
Approved by (Signature) /s/George MacDonell	Name (Printed/Typed)	Date JUL 16 2013
Title FIELD MANAGER	Office CARLSBAD FIELD OFFICE	

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. APPROVAL FOR TWO YEARS

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)

KZ
07/26/13

Carlsbad Controlled Water Basin

Approval Subject to General Requirements & Special Stipulations Attached

OPERATOR WILL BE USING A CLOSED-LOOP SYSTEM

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

JUL 31 2013

APPLICATION FOR DRILLING

BTA OIL PRODUCERS, LLC
8105 JV-P Mesa #2H
330' FNL & 430' FWL
UL –D–, Sec. 11, T26S, R32E Surface
330' FSL & 430' FWL
UL –M–, Sec. 11, T26S, R32E Bottom
Lea County, New Mexico

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In conjunction with Form 3160-3, Application for Permit to Drill, BTA Oil Producers submits the following 10 items for pertinent information in accordance with BLM requirements:

1. Geologic surface formation is Quaternary.

2. Top of geologic markers & depths of anticipated fresh water, oil or gas:

Anhydrite	710'	
Top of Salt	1,240'	
Base of Salt	4,365'	
Delaware	4,560'	Oil
Bell Canyon	4,602'	Oil
Cherry Canyon	5,810'	Oil
Brushy Canyon	7,085'	Oil
Bone Spring	8,790'	Oil
Avalon Target 1	9,470'	Oil

No other formations are expected to yield oil, gas, or fresh water in measurable volumes. Depth to fresh water, in this area, is 175'. The surface fresh water sands will be protected by setting 13-3/8" csg at ~~750'~~ 905' cemented back to surface. See COA

All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and furnished to the BLM, Division of Minerals. All oil and gas shows will be adequately tested for commercial possibilities, reported and protected.

3. Proposed Casing and Cementing Program:

Hole Size	OD Casing	Setting From	Depth to	Weight	Grade	Joint
17-1/2"	13-3/8"	0'	~~750'~~ 905'	54.5#	J55	STC
12-1/4"	9-5/8"	0'	4,500'	40#	J55	LTC
8-3/4"	5-1/2"	0'	14,023'	20#	P110	LTC

Minimum Casing Design Factors:

Collapse	1.125 ← See COA for intermediate casing
Burst	1.0
Tensile	1.8

Depending upon availability at the time that the casing is run, equivalent weights and grades may be substituted. All casing will be new.

4. Cement Program:

I. Surface Casing:
- Lead: 500 sx ExtendaCem-CZ.
  - Yield 1.68 ft^3/sk
- Tail: 340 sx HalCem – C with 2% Calcium Chloride.
  - Yield 1.35 ft^3/sk
- Cement circulated to surface. 100% Excess.

II. Intermediate Casing:
- Lead: 1,320 sx EconoCem – HCL with 5 lbm/sk Kol-Seal and 5% Salt.
  - Yield 1.89 ft^3/sk
- Tail: 250 sx HalCem – C.
  - Yield 1.33 ft^3/sk
- Cement circulated to surface. 100% excess.

III. Production Casing:
- Lead: 1,730 sx VersaCem – PBSH2 with 0.5% Halad (R)-344, 0.3% CFR-3, 1 lbm/sk Salt, 0.4% HR-601.
  - Yield 1.61 ft^3/sk
- Tail: 485 sx SoluCem – H with 0.25 lbm/sk D-Air 5000, 0.75% HR-601.
  - Yield 2.63 ft^3/sk.
  - Weight 15.0 lbm/gal.
  - Top of Tail Cement: 9,478' MD.
- Cement calculated to tie back 500 ft into intermediate casing. 50% Excess above KOP, 10% excess TD to KOP.

Note: All casing strings will be pressure tested to 0.22 psi/ft. of setting depth or 1500 psi (whichever is greater) after cementing and prior to drillout.

5. Pressure Control Equipment:

The 13-5/8" blowout preventer equipment (BOP) shown in Exhibit A will consist of a (5M system) double ram type (5000 psi WP) preventor and a bag-type (Hydril) preventor (5000 psi WP). Will be hydraulically operated and the ram type preventor will be equipped with blind rams on top and 4-½" drill pipe rams on bottom. The BOP's will be installed on the 13-3/8" casing and utilized continuously until TD is reached. All BOP's and associated equipment will be tested as per BLM drilling Operations Order No. 2.

Pipe rams will be operated and checked each 24-hour period and each time the drill pipe is out of the hole. These functional tests will be documented on the daily driller's log. A 2" kill line and 3" choke line will be incorporated in the drilling spool below the ram-type BOP. Other accessory BOP equipment will include a Kelly cock, floor safety valve, choke lines, and choke manifold having a 5000 psi WP rating.

6. Mud Program:

Surface to ~~750~~ 905': 8.5 to 8.8 ppg fresh water spud with 35 to 45 sec/1000 cc viscosity.

See COA

~~750~~ 905' to 4,500: Brine water. Will use lime for pH control in range 10 to 11. Will sweep hole with gel slugs as required for hole cleaning. Mud wt = 10 ppg.

4,500 to TD: 8.6 to 9.2 ppg controlled brine water. Will use lime for pH control in range of 10 to 11. Will sweep hole with salt gel slugs and polymer sweeps as required for hole cleaning.

Will use paper for seepage losses. Will adjust fluid weight as required using brine water.

7. Auxiliary Equipment:

   a) Upper Kelly cock valve with handle available.
   b) Lower Kelly cock valve with handle available.
   c) Safety valves and subs to fit all drill string connections in use.
   d) Monitoring of mud system will be mechanical.

8. Testing Logging and Coring Program:

   Drill Stem Tests will be based on geological sample shows.

   Open hole electrical logging program will be:

   i. KOP (9,062') to Surface: Gamma Ray/Compensated Neutron
   ii. KOP to Intermediate Csg: Dual Laterolog, Gamma Ray, Compensated Neutron, Density.
   iii. No coring program is planned.
   iv. Tie in GR and Gyro from KOP (9,062') to Surface. GR from 9,062' to TD. 10' samples from surface csg to TD.

   Specific intervals will be targeted based on evaluation and geological sample shows.

9. Potential Hazards:

   No abnormal pressures or temperatures are anticipated. All personnel will be familiar with all aspects of safe operation of equipment being used to drill this well. Estimated BHP: 4,130 psi. Estimated BHT: 170° F. No H_2S is anticipated to be encountered.

10. Anticipated Starting Date and Duration of Operations:

    Anticipated start date will be as soon as possible after BLM approval and as soon as a rig is available. Move in operations and drilling is expected to take 45 days.

Note: BLM onsite was conducted on 10/12/2012. Trishia Bad Bear was the representative present for the consultation meeting with the surveying crew, BTA Drilling Manager Nick Eaton, and Consultant Vern Dyer.

BTA Oil Producers

Lea County, NM
Sec 11, T26S, R32E
8105 JV-P MESA 2H

Wellbore #1

Plan: Design #1

DDC Well Planning Report

14 November, 2012

DDC
The DIRECTIONAL DRILLING COMPANY

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well 8105 JV-P MESA 2H
Company:	BTA Oil Producers	**TVD Reference:**	WELL @ 3242.0usft (Original Well Elev)
Project:	Lea County, NM	**MD Reference:**	WELL @ 3242.0usft (Original Well Elev)
Site:	Sec 11, T26S, R32E	**North Reference:**	Grid
Well:	8105 JV-P MESA 2H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project	Lea County, NM				
Map System:	US State Plane 1927 (Exact solution)	**System Datum:**	Mean Sea Level		
Geo Datum:	NAD 1927 (NADCON CONUS)				
Map Zone:	New Mexico East 3001				

Site	Sec 11, T26S, R32E				
Site Position:		**Northing:**	387,664.40 usft	**Latitude:**	32° 3' 50.311 N
From:	Map	**Easting:**	710,948.70 usft	**Longitude:**	103° 39' 8.553 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.36 °

Well	8105 JV-P MESA 2H					
Well Position	**+N/-S**	0.0 usft	**Northing:**	387,664.40 usft	**Latitude:**	32° 3' 50.311 N
	+E/-W	0.0 usft	**Easting:**	710,948.70 usft	**Longitude:**	103° 39' 8.553 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**		**Ground Level:**	3,242.0 usft

Wellbore Wellbore #1

Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	11/14/2012	7.44	59.99	48,371

Design Design #1

Audit Notes:

Version:		**Phase:**	PLAN	**Tie On Depth:**	0.0

Vertical Section:	**Depth From (TVD) (usft)**	**+N/-S (usft)**	**+E/-W (usft)**	**Direction (°)**
	0.0	0.0	0.0	179.31

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
9,062.9	0.00	0.00	9,062.9	0.0	0.0	0.00	0.00	0.00	0.00	
9,812.9	90.00	179.31	9,540.4	-477.5	5.8	12.00	12.00	23.91	179.31	
14,023.6	90.00	179.31	9,540.0	-4,687.9	56.6	0.00	0.00	0.00	0.00	PBHL 8105 JV-P M

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well 8105 JV-P MESA 2H
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Project:	Lea County, NM	**MD Reference:**	WELL @ 3242.0usft (Original Well Elev)
Site:	Sec 11, T26S, R32E	**North Reference:**	Grid
Well:	8105 JV-P MESA 2H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
Build 12° / 100									
9,062.9	0.00	0.00	9,062.9	0.0	0.0	0.0	0.00	0.00	0.00
9,075.0	1.45	179.31	9,075.0	-0.2	0.0	0.2	12.00	12.00	0.00
9,100.0	4.45	179.31	9,100.0	-1.4	0.0	1.4	12.00	12.00	0.00
9,125.0	7.45	179.31	9,124.8	-4.0	0.0	4.0	12.00	12.00	0.00
9,150.0	10.45	179.31	9,149.5	-7.9	0.1	7.9	12.00	12.00	0.00
9,175.0	13.45	179.31	9,174.0	-13.1	0.2	13.1	12.00	12.00	0.00
9,200.0	16.45	179.31	9,198.1	-19.5	0.2	19.5	12.00	12.00	0.00
9,225.0	19.45	179.31	9,221.9	-27.3	0.3	27.3	12.00	12.00	0.00
9,250.0	22.45	179.31	9,245.2	-36.2	0.4	36.2	12.00	12.00	0.00
9,275.0	25.45	179.31	9,268.1	-46.3	0.6	46.3	12.00	12.00	0.00
9,300.0	28.45	179.31	9,290.4	-57.7	0.7	57.7	12.00	12.00	0.00
9,325.0	31.45	179.31	9,312.0	-70.1	0.8	70.2	12.00	12.00	0.00
9,350.0	34.45	179.31	9,333.0	-83.7	1.0	83.7	12.00	12.00	0.00
9,375.0	37.45	179.31	9,353.2	-98.4	1.2	98.4	12.00	12.00	0.00
9,400.0	40.45	179.31	9,372.7	-114.1	1.4	114.1	12.00	12.00	0.00
9,425.0	43.45	179.31	9,391.3	-130.8	1.6	130.8	12.00	12.00	0.00
9,450.0	46.45	179.31	9,409.0	-148.5	1.8	148.5	12.00	12.00	0.00
9,475.0	49.45	179.31	9,425.7	-167.1	2.0	167.1	12.00	12.00	0.00
9,500.0	52.45	179.31	9,441.5	-186.5	2.3	186.5	12.00	12.00	0.00
9,525.0	55.45	179.31	9,456.2	-206.7	2.5	206.7	12.00	12.00	0.00
9,550.0	58.45	179.31	9,469.8	-227.6	2.7	227.6	12.00	12.00	0.00
9,575.0	61.45	179.31	9,482.3	-249.3	3.0	249.3	12.00	12.00	0.00
9,600.0	64.45	179.31	9,493.7	-271.5	3.3	271.5	12.00	12.00	0.00
9,625.0	67.45	179.31	9,503.9	-294.4	3.6	294.4	12.00	12.00	0.00
9,650.0	70.45	179.31	9,512.8	-317.7	3.8	317.7	12.00	12.00	0.00
9,675.0	73.45	179.31	9,520.6	-341.4	4.1	341.5	12.00	12.00	0.00
9,700.0	76.45	179.31	9,527.1	-365.6	4.4	365.6	12.00	12.00	0.00
9,725.0	79.45	179.31	9,532.3	-390.0	4.7	390.1	12.00	12.00	0.00
9,750.0	82.45	179.31	9,536.2	-414.7	5.0	414.7	12.00	12.00	0.00
9,775.0	85.45	179.31	9,538.9	-439.6	5.3	439.6	12.00	12.00	0.00
9,800.0	88.45	179.31	9,540.2	-464.5	5.6	464.6	12.00	12.00	0.00
EOB @ 90° Inc / 179.31° Azm / 9540' TVD									
9,812.9	90.00	179.31	9,540.4	-477.5	5.8	477.5	12.00	12.00	0.00
9,900.0	90.00	179.31	9,540.4	-564.5	6.8	564.6	0.00	0.00	0.00
10,000.0	90.00	179.31	9,540.3	-664.5	8.0	664.6	0.00	0.00	0.00
10,100.0	90.00	179.31	9,540.3	-764.5	9.2	764.6	0.00	0.00	0.00
10,200.0	90.00	179.31	9,540.3	-864.5	10.4	864.6	0.00	0.00	0.00
10,300.0	90.00	179.31	9,540.3	-964.5	11.6	964.6	0.00	0.00	0.00
10,400.0	90.00	179.31	9,540.3	-1,064.5	12.9	1,064.6	0.00	0.00	0.00
10,500.0	90.00	179.31	9,540.3	-1,164.5	14.1	1,164.6	0.00	0.00	0.00
10,600.0	90.00	179.31	9,540.3	-1,264.5	15.3	1,264.6	0.00	0.00	0.00
10,700.0	90.00	179.31	9,540.3	-1,364.5	16.5	1,364.6	0.00	0.00	0.00
10,800.0	90.00	179.31	9,540.3	-1,464.5	17.7	1,464.6	0.00	0.00	0.00
10,900.0	90.00	179.31	9,540.3	-1,564.5	18.9	1,564.6	0.00	0.00	0.00
11,000.0	90.00	179.31	9,540.3	-1,664.4	20.1	1,664.6	0.00	0.00	0.00
11,100.0	90.00	179.31	9,540.3	-1,764.4	21.3	1,764.6	0.00	0.00	0.00
11,200.0	90.00	179.31	9,540.2	-1,864.4	22.5	1,864.6	0.00	0.00	0.00
11,300.0	90.00	179.31	9,540.2	-1,964.4	23.7	1,964.6	0.00	0.00	0.00
11,400.0	90.00	179.31	9,540.2	-2,064.4	24.9	2,064.6	0.00	0.00	0.00
11,500.0	90.00	179.31	9,540.2	-2,164.4	26.1	2,164.6	0.00	0.00	0.00
11,600.0	90.00	179.31	9,540.2	-2,264.4	27.3	2,264.6	0.00	0.00	0.00
11,700.0	90.00	179.31	9,540.2	-2,364.4	28.5	2,364.6	0.00	0.00	0.00
11,800.0	90.00	179.31	9,540.2	-2,464.4	29.8	2,464.6	0.00	0.00	0.00

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Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
11,900.0	90.00	179.31	9,540.2	-2,564.4	31.0	2,564.6	0.00	0.00	0.00
12,000.0	90.00	179.31	9,540.2	-2,664.4	32.2	2,664.6	0.00	0.00	0.00
12,100.0	90.00	179.31	9,540.2	-2,764.4	33.4	2,764.6	0.00	0.00	0.00
12,200.0	90.00	179.31	9,540.2	-2,864.4	34.6	2,864.6	0.00	0.00	0.00
12,300.0	90.00	179.31	9,540.1	-2,964.3	35.8	2,964.6	0.00	0.00	0.00
12,400.0	90.00	179.31	9,540.1	-3,064.3	37.0	3,064.6	0.00	0.00	0.00
12,500.0	90.00	179.31	9,540.1	-3,164.3	38.2	3,164.6	0.00	0.00	0.00
12,600.0	90.00	179.31	9,540.1	-3,264.3	39.4	3,264.6	0.00	0.00	0.00
12,700.0	90.00	179.31	9,540.1	-3,364.3	40.6	3,364.6	0.00	0.00	0.00
12,800.0	90.00	179.31	9,540.1	-3,464.3	41.8	3,464.6	0.00	0.00	0.00
12,900.0	90.00	179.31	9,540.1	-3,564.3	43.0	3,564.6	0.00	0.00	0.00
13,000.0	90.00	179.31	9,540.1	-3,664.3	44.2	3,664.6	0.00	0.00	0.00
13,100.0	90.00	179.31	9,540.1	-3,764.3	45.5	3,764.6	0.00	0.00	0.00
13,200.0	90.00	179.31	9,540.1	-3,864.3	46.7	3,864.6	0.00	0.00	0.00
13,300.0	90.00	179.31	9,540.1	-3,964.3	47.9	3,964.6	0.00	0.00	0.00
13,400.0	90.00	179.31	9,540.1	-4,064.3	49.1	4,064.6	0.00	0.00	0.00
13,500.0	90.00	179.31	9,540.0	-4,164.3	50.3	4,164.6	0.00	0.00	0.00
13,600.0	90.00	179.31	9,540.0	-4,264.3	51.5	4,264.6	0.00	0.00	0.00
13,700.0	90.00	179.31	9,540.0	-4,364.2	52.7	4,364.6	0.00	0.00	0.00
13,800.0	90.00	179.31	9,540.0	-4,464.2	53.9	4,464.6	0.00	0.00	0.00
13,900.0	90.00	179.31	9,540.0	-4,564.2	55.1	4,564.6	0.00	0.00	0.00
14,000.0	90.00	179.31	9,540.0	-4,664.2	56.3	4,664.6	0.00	0.00	0.00
14,023.6	90.00	179.31	9,540.0	-4,687.9	56.6	4,688.2	0.00	0.00	0.00

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PBHL 8105 JV-P MES - plan hits target center - Point	0.00	0.00	9,540.0	-4,687.9	56.6	382,976.53	711,005.30	32° 3' 3.917 N	103° 39' 8.239 W

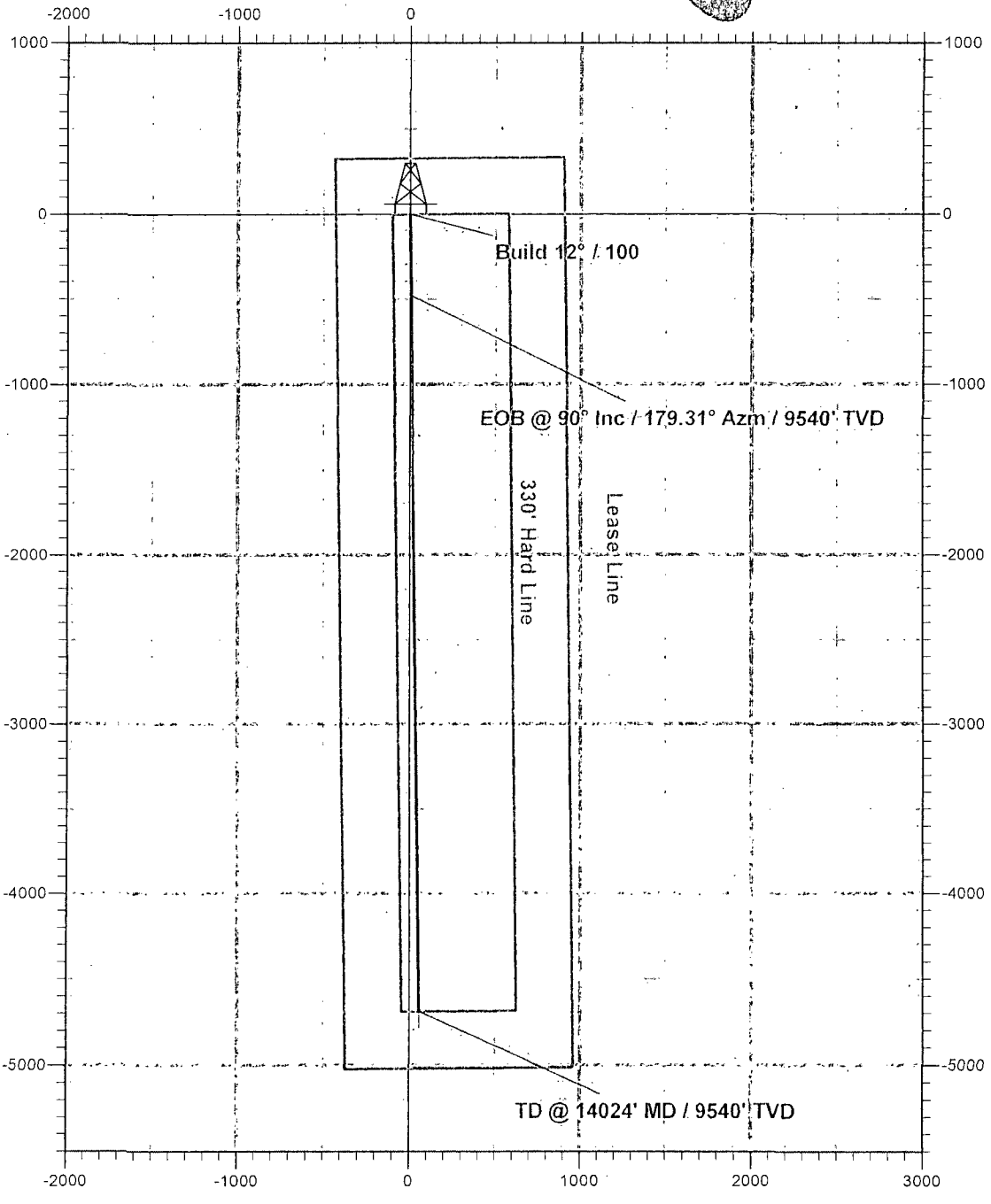
Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
9,062.9	9,062.9	0.0	0.0	Build 12° / 100
9,812.9	9,540.4	-477.5	5.8	EOB @ 90° Inc / 179.31° Azm / 9540' TVD
14,023.6	9,540.0	-4,687.9	56.6	TD @ 14024' MD / 9540' TVD

BTA Oil Producers, LLC

Lea County, NM
8105 JV-P MESA 2H
Quote 120866
Design #1

DDC
The DIRECTIONAL DRILLING COMPANY

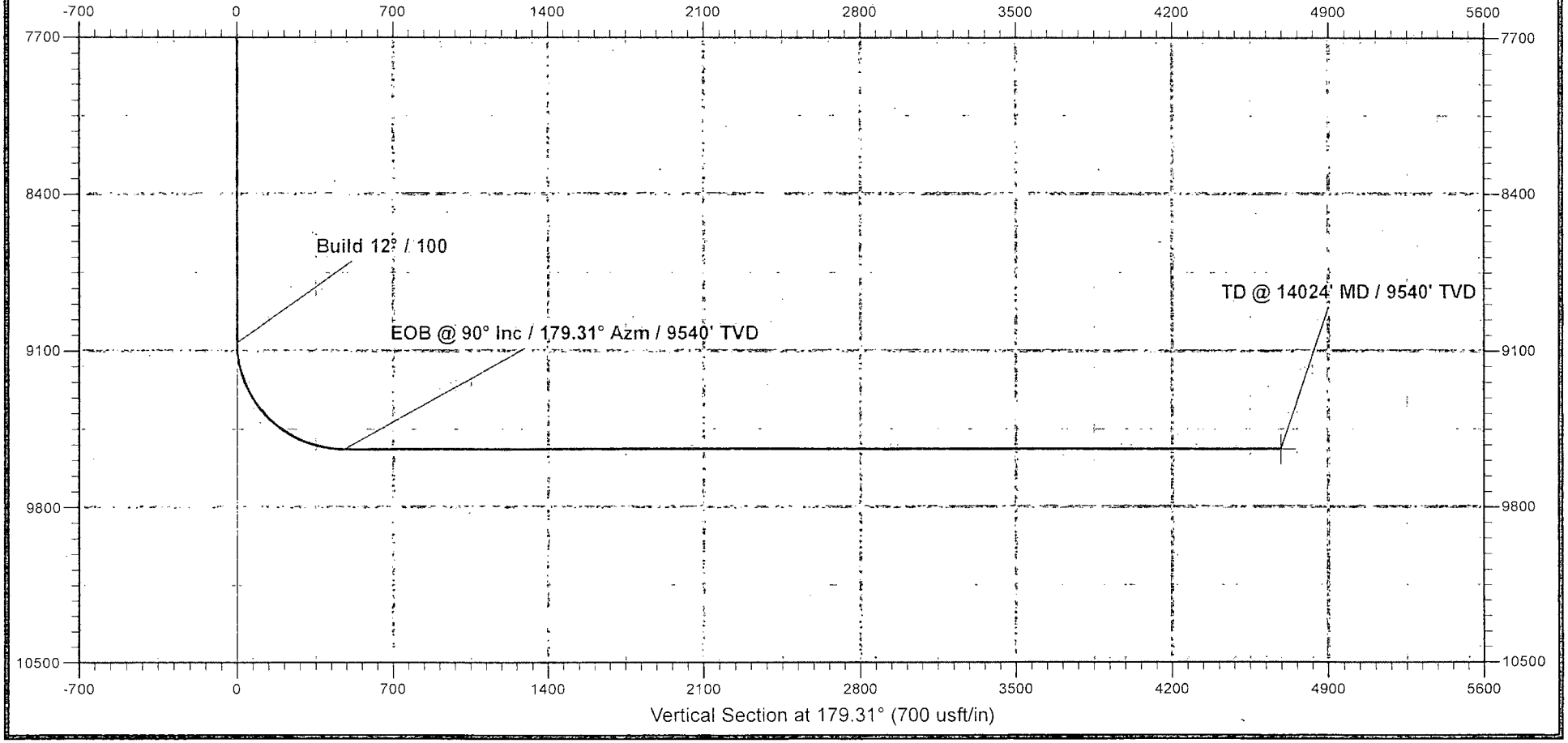


BTA Oil Producers, LLC

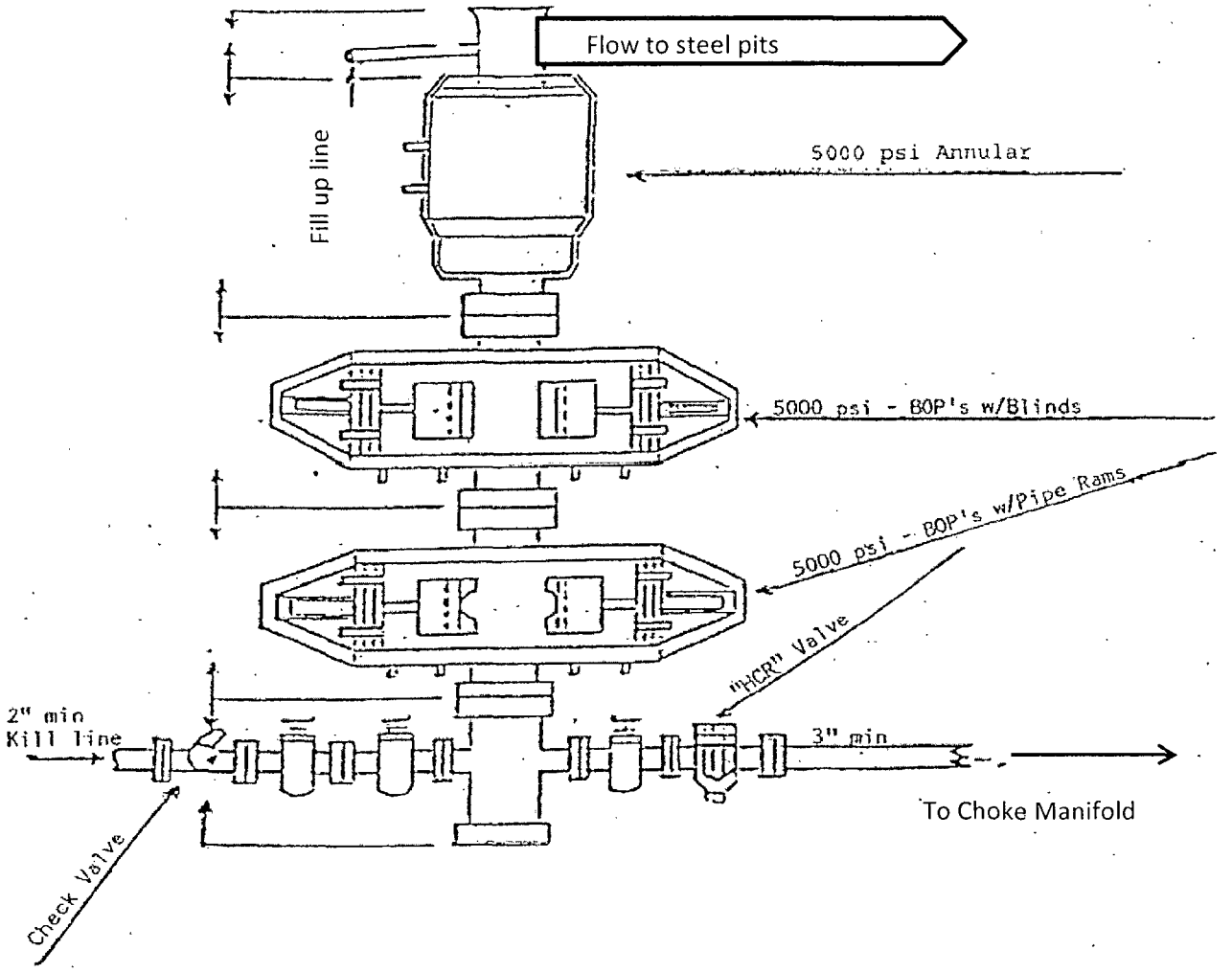
Lea County, NM
8105 JV-P MESA 2H
Quote 120866
Design #1

HOBBS OCD
JUL 2 3 2013
RECEIVED

The DIRECTIONAL DRILLING COMPANY



13-5/8" 5,000 PSI BOP



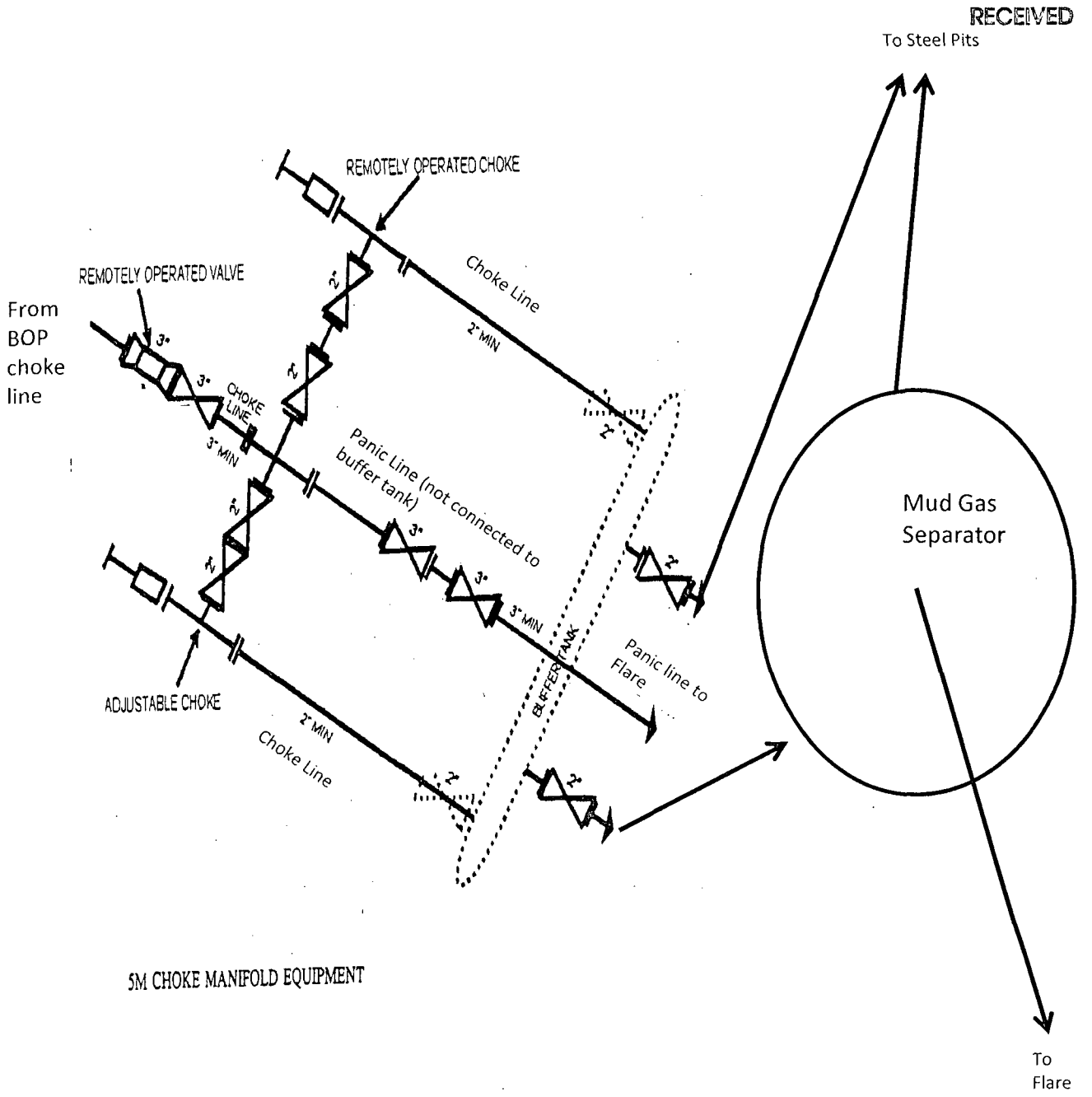
BTA Oil Producers LLC

8105 JV-P Mesa #2H

330' FNL 430 FWL

11, 26S, 32E

Lea County, NM



5M CHOKE MANIFOLD EQUIPMENT

BTA Oil Producers LLC

8105 JV-P Mesa #2H

330' FNL 430' FWL

11, 26S, 32E

Lea County, NM

BTA Oil Producers
8105 JV-P Mesa #2-H
330' FNL 430' FWL
11, 26S, 32E
Lea County, NM

HOBBS OCD

JUL 2 3 2013

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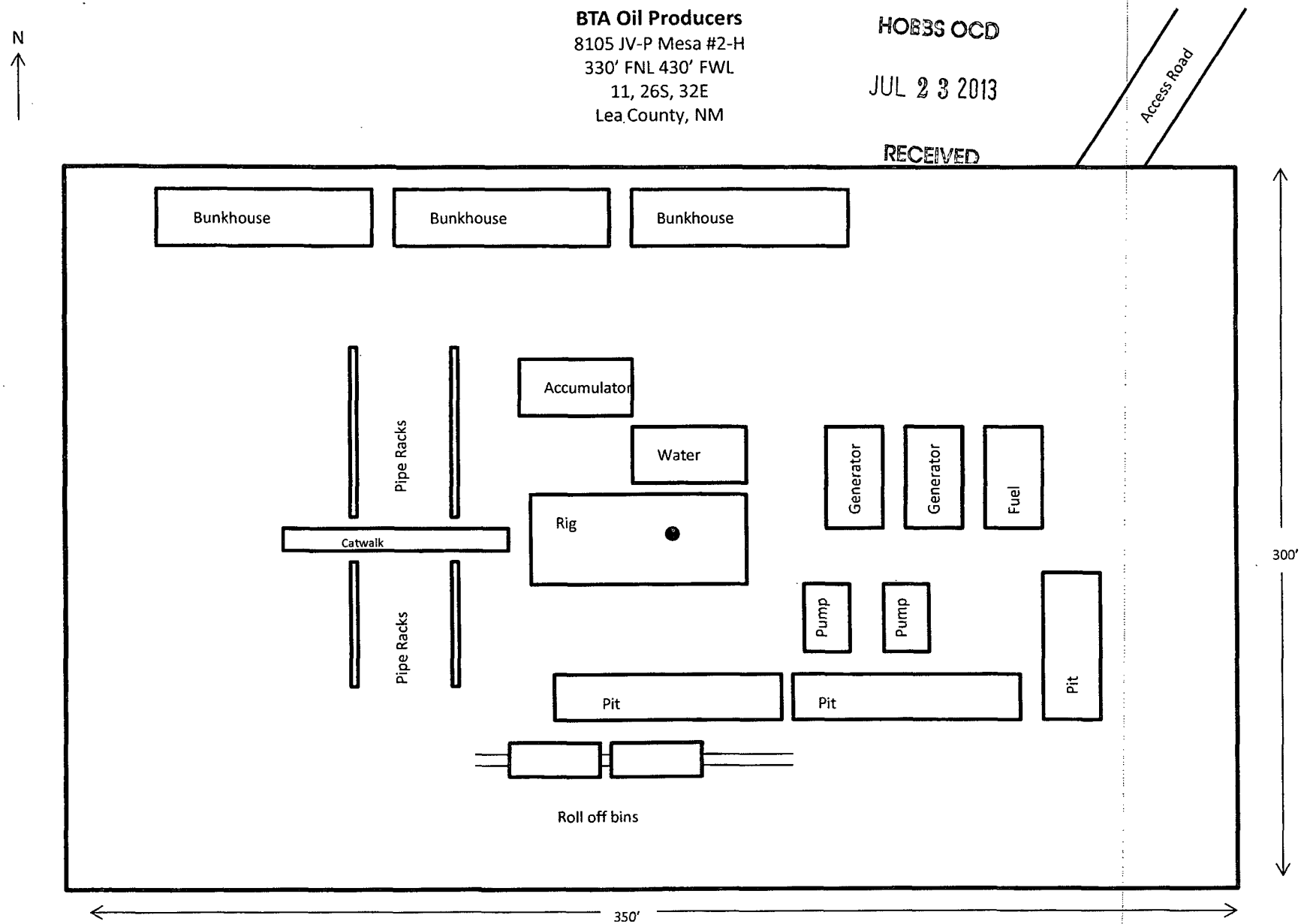
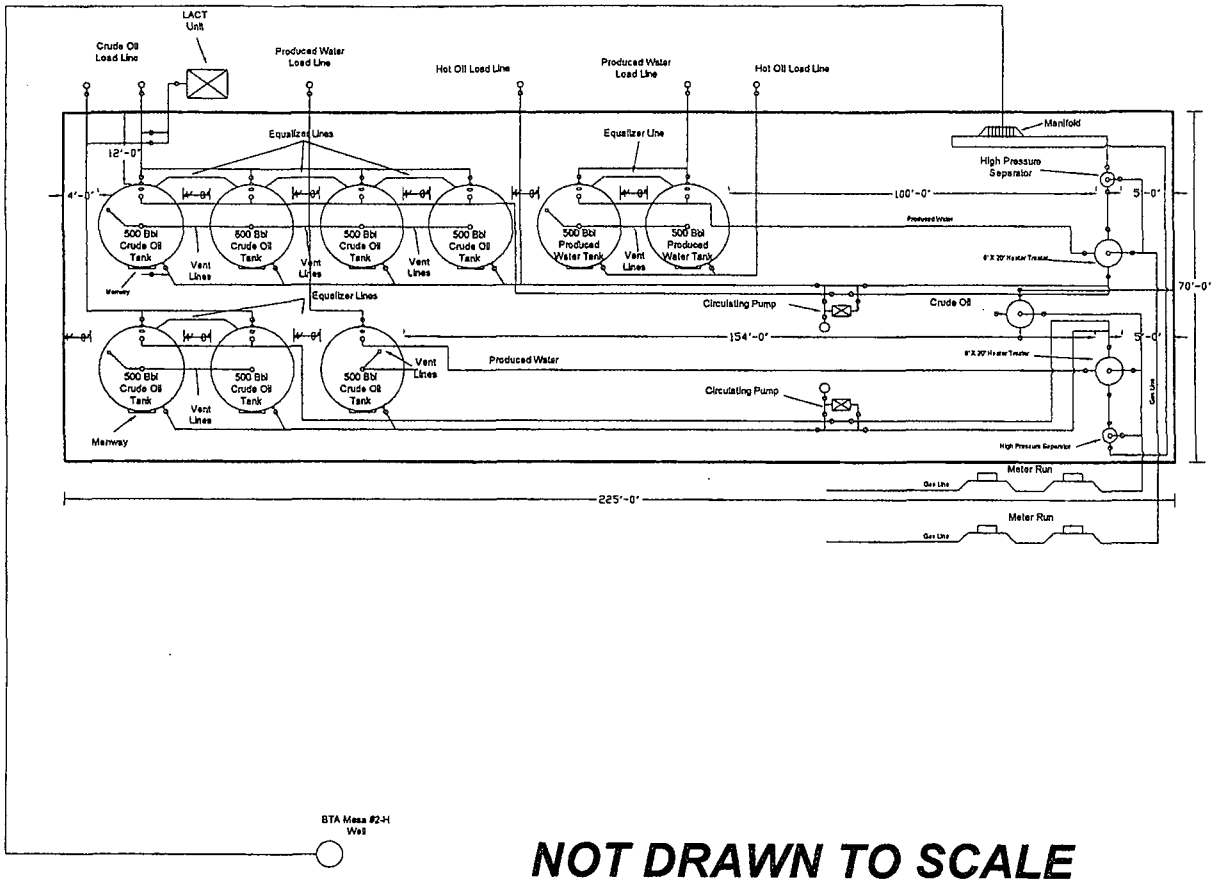


Proposed Production Facility Layout



65'

300'-0"

INTERIM RECLAMATION

LEASE ROAD

HOBBS OCD

JUL 23 2013

RECEIVED

NOT DRAWN TO SCALE

INTERIM RECLAMATION

85'

350'

BTA	Revision	
	1	10/15/2012

BTA Oil Producers
(Midland, Texas)

BTA Oil Producers, LLC JV-P 8105 Mesa 2H
Production Facility Layout

Unit Letter "D", Section 11, T26S, R32E
Lea County, New Mexico

Scale: None
Drawn by: jab

Date: 10/15/2012
Checked by: jab