

JUN 24 2013
OCD Hobbs

FORM APPROVED
OMB No. 1004-0137
Expires July 31, 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. NMNM 113412 (SL & BHL)
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		7. If Unit or CA Agreement, Name and No.
3a. Address PO Box 5270 Hobbs, NM 88241	3b. Phone No. (include area code) 575-393-5905	8. Lease Name and Well No. <39977> Querecho 28 NC Federal #1H
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface 150' FSL & 2230' FWL, Sec. 28 T18S R32E Unit C At proposed prod. zone 330' FNL & 1650' FWL, Sec. 28 T18S R32E Unit D		9. API Well No. 30025-41238 <4450>
14. Distance in miles and direction from nearest town or post office* 34.86 miles West of Hobbs, NM		10. Field and Pool, or Exploratory Lusk Bone Spring North
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 150'	16. No. of acres in lease 160	11. Sec., T. R. M. or Blk. and Survey or Area Sec. 28 T18S R32E dm
17. Spacing Unit dedicated to this well 160	12. County or Parish LEA	13. State NM
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 920' MOC's Querecho 28 MD.	19. Proposed Depth 14041'-MD 9384'-TVD	20. BLM/BIA Bond No. on file NM-1693 nationwide, NMB000919
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3709' GL	22. Approximate date work will start* 03/01/2013	23. Estimated duration 60 days

24. Attachments

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

- | | |
|--|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification |
| 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). | 6. Such other site specific information and/or plans as may be required by the BLM. |

25. Signature <i>Bradley Bishop</i>	Name (Printed/Typed) Bradley Bishop	Date 2-7-13
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Title		
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Approved by (Signature)	Name (Printed/Typed)	Date
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Title FIELD MANAGER	Office CARLSBAD FIELD OFFICE	Date 6-13-2013 per JS
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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.

(Continued on page 2)

*(Instructions on page 2)

CONDITIONS OF APPROVAL- 24 Hour call in for Spud, Casing, Cement and all other 24 Hour notices to be reported to the Office phone 575-393-6161 ext 102, 120 or 107
Leave message if no one answers
EMERGENCY ONLY PHONE 575-370-3186

RECEIVED
JUN 17 2013
JCD ARTESIA

Capitan Controlled Water Basin
Ka
06/25/13

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

Approval Subject to General Requirements
& Special Stipulations Attached

JUL 02 2013 dm

Drilling Program
Mewbourne Oil Company
 Querecho 28 NC Federal #1H
 150' FSL & 2230' FWL (SHL)
 Sec.28-T18S-R32E

Lea County, New Mexico

1. The estimated tops of geological markers are as follows:

Rustler	1120'
Top Salt	1280'
Base Salt	2490'
*Yates	2720'
Seven Rivers	3180'
*Queen	3820'
Grayburg	3970'
San Andres	NA
*Lamar/Delaware	4630'
*Bone Springs	7010'
*Wolfcamp	NA

2. Estimated depths of anticipated fresh water, oil, or gas:

Water	Fresh water is anticipated @ 350' and will be protected by setting surface casing at 1145' and cementing to surface.
Hydrocarbons	Oil and gas are anticipated in the above (*) formations. These zones will be protected by casing as necessary.

3. Pressure control equipment:

A 2000# WP Annular will be installed after running 13 3/8" casing. A 5000# WP Double Ram BOP and 5000# WP Annular will be installed after running 9 5/8" & 7" casing. Pressure tests will be conducted prior to drilling out under all casing strings. BOP controls will be installed prior to drilling under surface casing and will remain in use until completion of drilling operations. BOP's will be inspected and operated as recommended in Onshore Order #2. A Kelly cock and a sub equipped with a full opening valve sized to fit the drill pipe and collars will be available on the rig floor in the open position when the Kelly is not in use.

Will test the 13 3/8" to 1000# and 9 5/8" & 7" BOPE to 5000# and the Annular to 2500# with a third party testing company before drilling below each shoe, but will test again, if needed, in 30 days from the 1st test as per BLM Onshore Oil and Gas Order #2.

4. MOC proposes to drill a vertical wellbore to 8932' & kick off to horizontal @ 9409' TVD. The well will be drilled to 14041' MD (9384' TVD). See attached directional plan.

5. Proposed casing and cementing program:

See COA

A. Casing Program:

<u>Hole Size</u>	<u>Casing</u>	<u>Wt/Ft.</u>	<u>Grade</u>	<u>Depth</u>	<u>Jt Type</u>
17 1/2"	13 3/8" (new)	48#	H40	0' - 1145' ¹¹⁹⁰	ST&C
12 1/4"	9 5/8" (new)	36#	J55	0' - 2770' ²⁷⁰⁰ MD	LT&C
8 3/4"	7" (new)	26#	P110	0' - 8932' MD	LT&C
8 3/4"	7" (new)	26#	P110	8932' - 9684' MD	BT&C
6 1/8"	4 1/2" (new)	13.5#	P110	9484' - TD	LT&C

Minimum casing design factors: Collapse 1.125, Burst 1.0, Tensile strength 1.8.

*Subject to availability of casing.

B. Cementing Program:

*See
COA*

- i. Surface Casing: 650 sks Class C light cement with salt & LCM. Yield at 2.15 cuft/sk. 200 sks Class C cement containing 1% CaCl₂. Yield at 1.33 cuft/sk. Cmt circulated to surface w/100% excess.
- ii. Intermediate Casing: 490 sacks Class C light cement with salt & LCM. Yield at 2.02 cuft/sk. 200 sacks Class C cement. Yield at 1.33 cuft/sk. Cmt circulated to surface w/25% excess.
- iii. Production Casing: 685 sks Class "H" light cement w/salt, FL & LCM additives. Yeild @ 2.07 cuft/sk. 400 sks Class "H" cement w/ salt & FL additives. Yeild @ 1.18 cuft/sk. Cmt circulated to surface w/25% excess.
- ii. Production Liner: This will be a Packer/Port completion from TD up nside 7" casing with packer type liner hanger.

*Referring to above blends of light cement: (65% fly ash : 35% cement : 4% bentonite of the total of first two numbers). Generic names of additives are used since the availability of specific company and products are unknown at this time.

6. Mud Program:

<u>Interval</u>	<u>Type System</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0'- 1145' <i>1190</i>	FW spud mud	8.6-9.0	32-34	NA
1145' - 2770' <i>2700</i>	Brine water	10.0-10.2	28-30	NA
2770' - 8932' (KOP)	Cut Brine	8.5-8.7	28-30	NA
8932' - TD	Cut Brine w/Polymer	8.5-8.7	32-35	15

*Visual mud monitoring system shall be in place to detect volume changes indicating loss or gain of circulation fluid volume. Sufficient mud materials will be kept on location at all times to combat abnormal conditions.

7. Evaluation Program: *see COA*

Samples: 10' samples from KOP to TD
 Logging: GR, CN & Gyro 100' above KOP (8932') to surface. GR from 9684' to TD.

8. Downhole Conditions

Zones of abnormal pressure: None anticipated
 Zones of lost circulation: Anticipated in surface and intermediate holes
 Maximum bottom hole temperature: 120 degree F
 Maximum bottom hole pressure: 8.3 lbs/gal gradient or less(.43668 x 9394'=4102.17 psi)

9. Anticipated Starting Date:

Mewbourne Oil Company intends to drill this well as soon as possible after receiving approval with approximately 40 days involved in drilling operations and an additional 20 days involved in completion operations on the project.

Mewbourne Oil Co

Lea County, NM

Sec 28-18S-32E

Querecho 28 NC Federal Com #1H

Wellbore #1

Plan: Design #1

DDC Well Planning Report

10 January, 2013



DDC
Well Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Querecho 28 NC Federal Com #1H
Company:	Mewbourne Oil Co	TVD Reference:	WELL @ 3729.0usft (Patterson)
Project:	Lea County, NM	MD Reference:	WELL @ 3729.0usft (Patterson)
Site:	Sec 28-18S-32E	North Reference:	Grid
Well:	Querecho 28 NC Federal Com #1H	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 28-18S-32E				
Site Position:	Northing:	627,657.52 usft	Latitude:	32° 43' 27.238 N	
From:	Map	Easting:	675,165.03 usft	Longitude:	103° 45' 49.524 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16"	Grid Convergence:	0.31 °

Well:	Querecho 28 NC Federal Com #1H					
Well Position	+N-S	-4,632.4 usft	Northing:	623,025.11 usft	Latitude:	32° 42' 41.534 N
	+E-W	-2,552.5 usft	Easting:	672,612.55 usft	Longitude:	103° 46' 19.689 W
Position Uncertainty	0.0 usft		Wellhead Elevation:		Ground Level:	3,709.0 usft

Wellbore:	Wellbore #1
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	1/10/2013	7.52	60.56	48,728

Design:	Design #1
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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	352.81

Plan Sections	
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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	
8,931.5	0.00	0.00	8,931.5	0.0	0.0	0.00	0.00	0.00	0.00	
9,684.2	90.33	352.81	9,409.0	476.4	-60.1	12.00	12.00	-0.96	352.81	
14,041.3	90.33	352.81	9,384.0	4,799.1	-605.8	0.00	0.00	0.00	0.00	PBHL Querecho 28

DDC
Well Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Querecho 28 NC Federal Com #1H
Company:	Mewbourne Oil Co	TVD/Reference:	WELL @ 3729.0usft (Patterson)
Project:	Lea County, NM	MD Reference:	WELL @ 3729.0usft (Patterson)
Site:	Sec 28-18S-32E	North Reference:	Grid
Well:	Querecho 28. NC Federal Com #1H	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'									
8,931.5	0.00	0.00	8,931.5	0.0	0.0	0.0	0.00	0.00	0.00
8,950.0	2.22	352.81	8,950.0	0.4	0.0	0.4	12.00	12.00	0.00
8,975.0	5.22	352.81	8,974.9	2.0	-0.2	2.0	12.00	12.00	0.00
9,000.0	8.22	352.81	8,999.8	4.9	-0.6	4.9	12.00	12.00	0.00
9,025.0	11.22	352.81	9,024.4	9.1	-1.1	9.1	12.00	12.00	0.00
9,050.0	14.22	352.81	9,048.8	14.5	-1.8	14.6	12.00	12.00	0.00
9,075.0	17.22	352.81	9,072.8	21.2	-2.7	21.4	12.00	12.00	0.00
9,100.0	20.22	352.81	9,096.5	29.2	-3.7	29.4	12.00	12.00	0.00
9,125.0	23.22	352.81	9,119.7	38.4	-4.8	38.7	12.00	12.00	0.00
9,150.0	26.22	352.81	9,142.5	48.7	-6.2	49.1	12.00	12.00	0.00
9,175.0	29.22	352.81	9,164.6	60.3	-7.6	60.8	12.00	12.00	0.00
9,200.0	32.22	352.81	9,186.1	72.9	-9.2	73.5	12.00	12.00	0.00
9,225.0	35.22	352.81	9,206.9	86.7	-10.9	87.4	12.00	12.00	0.00
9,250.0	38.22	352.81	9,226.9	101.5	-12.8	102.3	12.00	12.00	0.00
9,275.0	41.22	352.81	9,246.1	117.4	-14.8	118.3	12.00	12.00	0.00
9,300.0	44.22	352.81	9,264.5	134.2	-16.9	135.3	12.00	12.00	0.00
9,325.0	47.22	352.81	9,281.9	152.0	-19.2	153.2	12.00	12.00	0.00
9,350.0	50.22	352.81	9,298.4	170.6	-21.5	172.0	12.00	12.00	0.00
9,375.0	53.22	352.81	9,313.9	190.1	-24.0	191.6	12.00	12.00	0.00
9,400.0	56.22	352.81	9,328.4	210.3	-26.6	212.0	12.00	12.00	0.00
9,425.0	59.22	352.81	9,341.7	231.3	-29.2	233.1	12.00	12.00	0.00
9,450.0	62.22	352.81	9,353.9	252.9	-31.9	254.9	12.00	12.00	0.00
9,475.0	65.22	352.81	9,365.0	275.2	-34.7	277.3	12.00	12.00	0.00
9,500.0	68.22	352.81	9,374.9	297.9	-37.6	300.3	12.00	12.00	0.00
9,525.0	71.22	352.81	9,383.5	321.2	-40.5	323.8	12.00	12.00	0.00
9,550.0	74.22	352.81	9,391.0	344.9	-43.5	347.6	12.00	12.00	0.00
9,575.0	77.22	352.81	9,397.1	368.9	-46.6	371.8	12.00	12.00	0.00
9,600.0	80.22	352.81	9,402.0	393.2	-49.6	396.4	12.00	12.00	0.00
9,625.0	83.22	352.81	9,405.6	417.8	-52.7	421.1	12.00	12.00	0.00
9,650.0	86.22	352.81	9,407.9	442.5	-55.9	446.0	12.00	12.00	0.00
9,675.0	89.22	352.81	9,408.9	467.3	-59.0	471.0	12.00	12.00	0.00
EOB @ 90.33° Inc / 352.81° Azm / 9409' TVD									
9,684.2	90.33	352.81	9,409.0	476.4	-60.1	480.2	12.00	12.00	0.00
9,700.0	90.33	352.81	9,408.9	492.1	-62.1	496.0	0.00	0.00	0.00
9,800.0	90.33	352.81	9,408.3	591.3	-74.6	596.0	0.00	0.00	0.00
9,900.0	90.33	352.81	9,407.7	690.5	-87.2	696.0	0.00	0.00	0.00
10,000.0	90.33	352.81	9,407.1	789.7	-99.7	796.0	0.00	0.00	0.00
10,100.0	90.33	352.81	9,406.6	888.9	-112.2	896.0	0.00	0.00	0.00
10,200.0	90.33	352.81	9,406.0	988.1	-124.7	996.0	0.00	0.00	0.00
10,300.0	90.33	352.81	9,405.4	1,087.3	-137.3	1,096.0	0.00	0.00	0.00
10,400.0	90.33	352.81	9,404.9	1,186.5	-149.8	1,196.0	0.00	0.00	0.00
10,500.0	90.33	352.81	9,404.3	1,285.7	-162.3	1,296.0	0.00	0.00	0.00
10,600.0	90.33	352.81	9,403.7	1,385.0	-174.8	1,395.9	0.00	0.00	0.00
10,700.0	90.33	352.81	9,403.1	1,484.2	-187.4	1,495.9	0.00	0.00	0.00
10,800.0	90.33	352.81	9,402.6	1,583.4	-199.9	1,595.9	0.00	0.00	0.00
10,900.0	90.33	352.81	9,402.0	1,682.6	-212.4	1,695.9	0.00	0.00	0.00
11,000.0	90.33	352.81	9,401.4	1,781.8	-224.9	1,795.9	0.00	0.00	0.00
11,100.0	90.33	352.81	9,400.8	1,881.0	-237.5	1,895.9	0.00	0.00	0.00
11,200.0	90.33	352.81	9,400.3	1,980.2	-250.0	1,995.9	0.00	0.00	0.00
11,300.0	90.33	352.81	9,399.7	2,079.4	-262.5	2,095.9	0.00	0.00	0.00
11,400.0	90.33	352.81	9,399.1	2,178.6	-275.0	2,195.9	0.00	0.00	0.00
11,500.0	90.33	352.81	9,398.6	2,277.9	-287.5	2,295.9	0.00	0.00	0.00
11,600.0	90.33	352.81	9,398.0	2,377.1	-300.1	2,395.9	0.00	0.00	0.00

DDC
Well Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Querecho 28 NC Federal Com #1H
Company:	Mewbourne Oil Co	TVD Reference:	WELL @ 3729.0usft (Patterson)
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Site:	Sec 28-18S-32E	North Reference:	Grid
Well:	Querecho 28 NC Federal Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

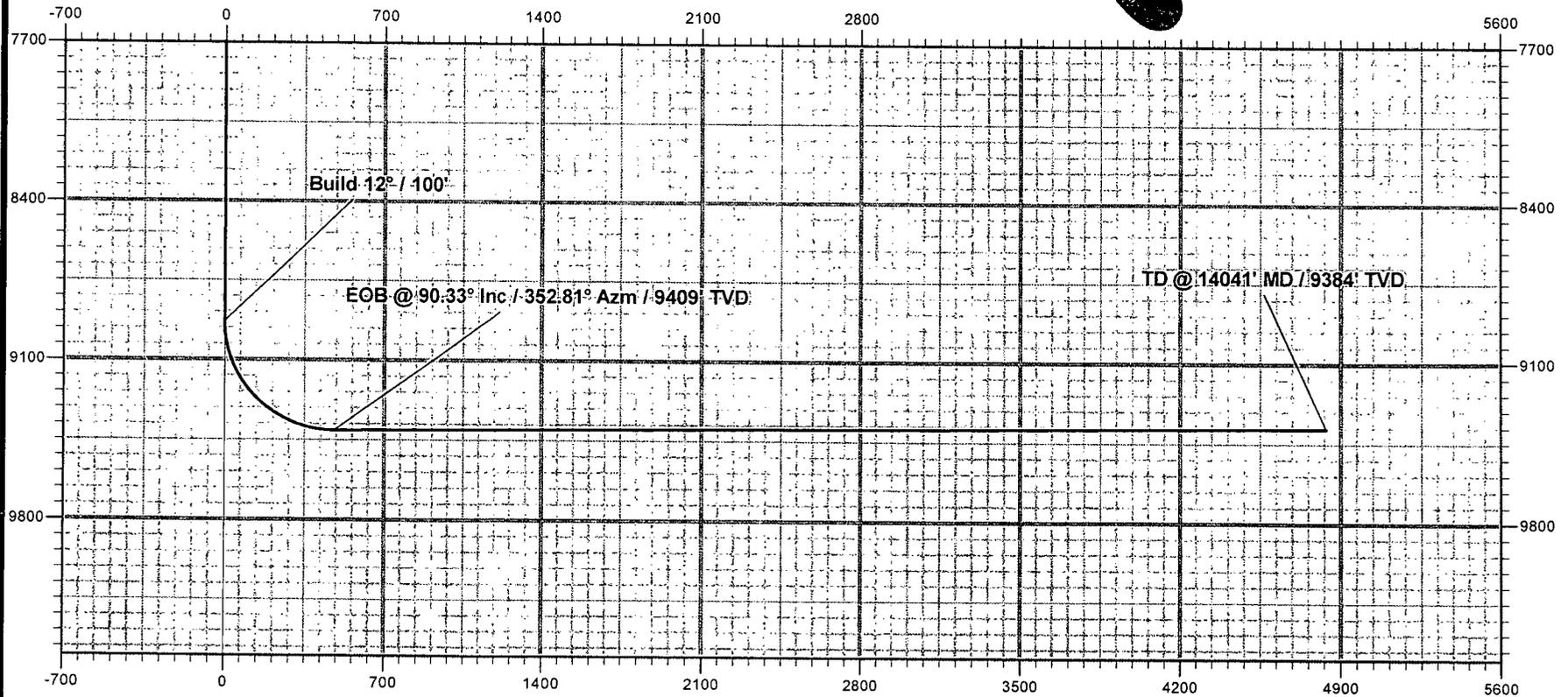
Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (%/100usft)	Build Rate (%/100usft)	Turn Rate (%/100usft)	
11,700.0	90.33	352.81	9,397.4	2,476.3	-312.6	2,495.9	0.00	0.00	0.00	
11,800.0	90.33	352.81	9,396.8	2,575.5	-325.1	2,595.9	0.00	0.00	0.00	
11,900.0	90.33	352.81	9,396.3	2,674.7	-337.6	2,695.9	0.00	0.00	0.00	
12,000.0	90.33	352.81	9,395.7	2,773.9	-350.2	2,795.9	0.00	0.00	0.00	
12,100.0	90.33	352.81	9,395.1	2,873.1	-362.7	2,895.9	0.00	0.00	0.00	
12,200.0	90.33	352.81	9,394.5	2,972.3	-375.2	2,995.9	0.00	0.00	0.00	
12,300.0	90.33	352.81	9,394.0	3,071.5	-387.7	3,095.9	0.00	0.00	0.00	
12,400.0	90.33	352.81	9,393.4	3,170.8	-400.3	3,195.9	0.00	0.00	0.00	
12,500.0	90.33	352.81	9,392.8	3,270.0	-412.8	3,295.9	0.00	0.00	0.00	
12,600.0	90.33	352.81	9,392.3	3,369.2	-425.3	3,395.9	0.00	0.00	0.00	
12,700.0	90.33	352.81	9,391.7	3,468.4	-437.8	3,495.9	0.00	0.00	0.00	
12,800.0	90.33	352.81	9,391.1	3,567.6	-450.4	3,595.9	0.00	0.00	0.00	
12,900.0	90.33	352.81	9,390.5	3,666.8	-462.9	3,695.9	0.00	0.00	0.00	
13,000.0	90.33	352.81	9,390.0	3,766.0	-475.4	3,795.9	0.00	0.00	0.00	
13,100.0	90.33	352.81	9,389.4	3,865.2	-487.9	3,895.9	0.00	0.00	0.00	
13,200.0	90.33	352.81	9,388.8	3,964.4	-500.5	3,995.9	0.00	0.00	0.00	
13,300.0	90.33	352.81	9,388.2	4,063.7	-513.0	4,095.9	0.00	0.00	0.00	
13,400.0	90.33	352.81	9,387.7	4,162.9	-525.5	4,195.9	0.00	0.00	0.00	
13,500.0	90.33	352.81	9,387.1	4,262.1	-538.0	4,295.9	0.00	0.00	0.00	
13,600.0	90.33	352.81	9,386.5	4,361.3	-550.6	4,395.9	0.00	0.00	0.00	
13,700.0	90.33	352.81	9,386.0	4,460.5	-563.1	4,495.9	0.00	0.00	0.00	
13,800.0	90.33	352.81	9,385.4	4,559.7	-575.6	4,595.9	0.00	0.00	0.00	
13,900.0	90.33	352.81	9,384.8	4,658.9	-588.1	4,695.9	0.00	0.00	0.00	
14,000.0	90.33	352.81	9,384.2	4,758.1	-600.6	4,795.9	0.00	0.00	0.00	
TD @ 14041' MD / 9384' TVD										
14,041.3	90.33	352.81	9,384.0	4,799.1	-605.8	4,837.2	0.00	0.00	0.00	

Design Targets										
Target Name	hit/miss target	Dip Angle (°)	Dip Dir (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PBHL Querecho 28 N		0.00	0.00	9,384.0	4,799.1	-605.8	627,824.20	672,006.73	32° 43' 29.054 N	103° 46' 26.483 W
- plan hits target center										
- Point										

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
8,931.5	8,931.5	0.0	0.0	Build 12° / 100'	
9,684.2	9,409.0	476.4	-60.1	EOB @ 90.33° Inc / 352.81° Azm / 9409' TVD	
14,041.3	9,384.0	4,799.1	-605.8	TD @ 14041' MD / 9384' TVD	

Mewbourne Oil Company

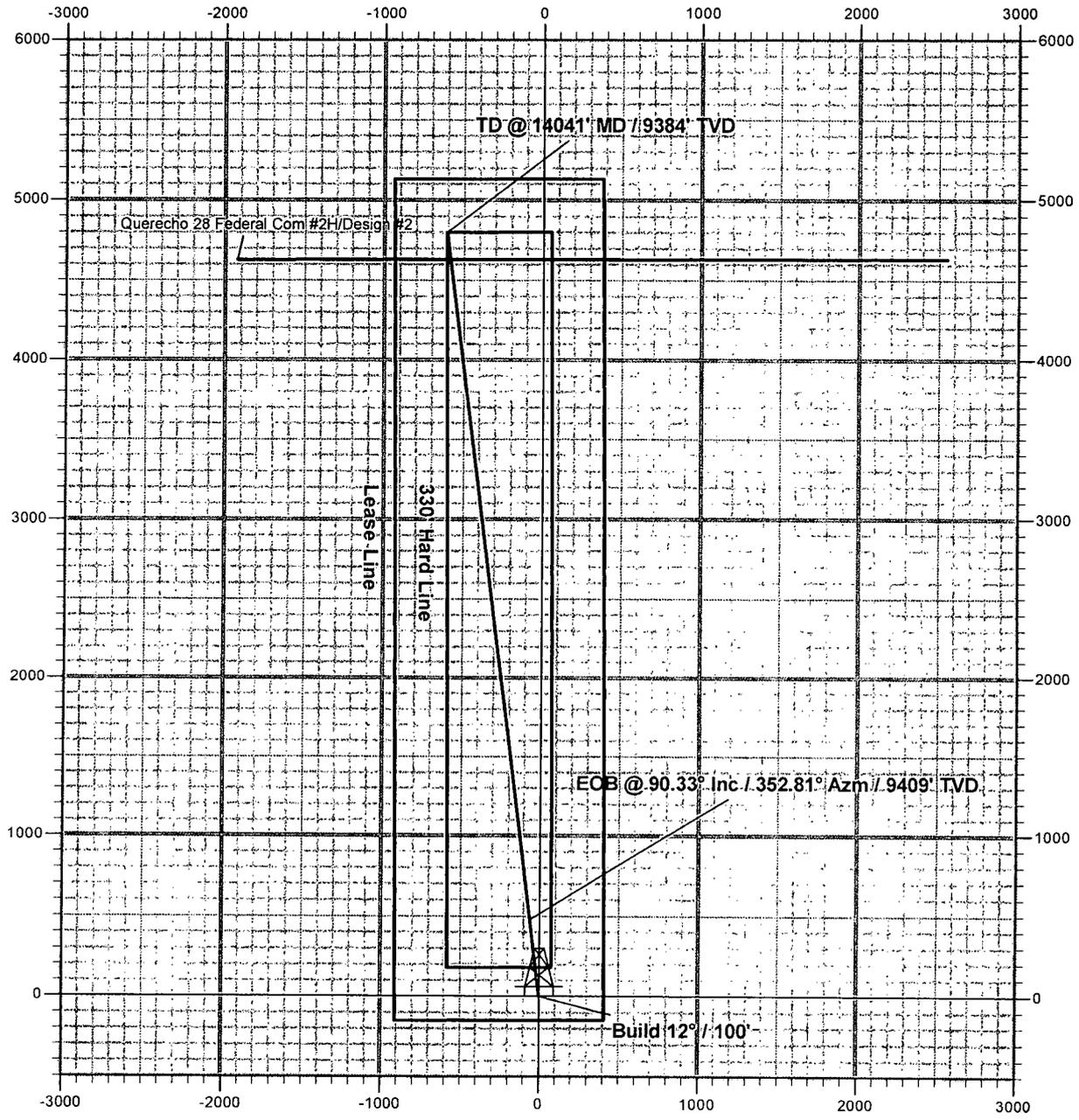
Lea County, NM
Querecho 28 NC Federal Com #1H
Quote 130031
Design #1



Vertical Section at 352.81° (700 usft/in)

Mewbourne Oil Company

Lea County, NM
Querecho 28 NC Federal Com #1H
Quote 130031
Design #1



11" 3M BOPE & Closed Loop Equipment Schematic

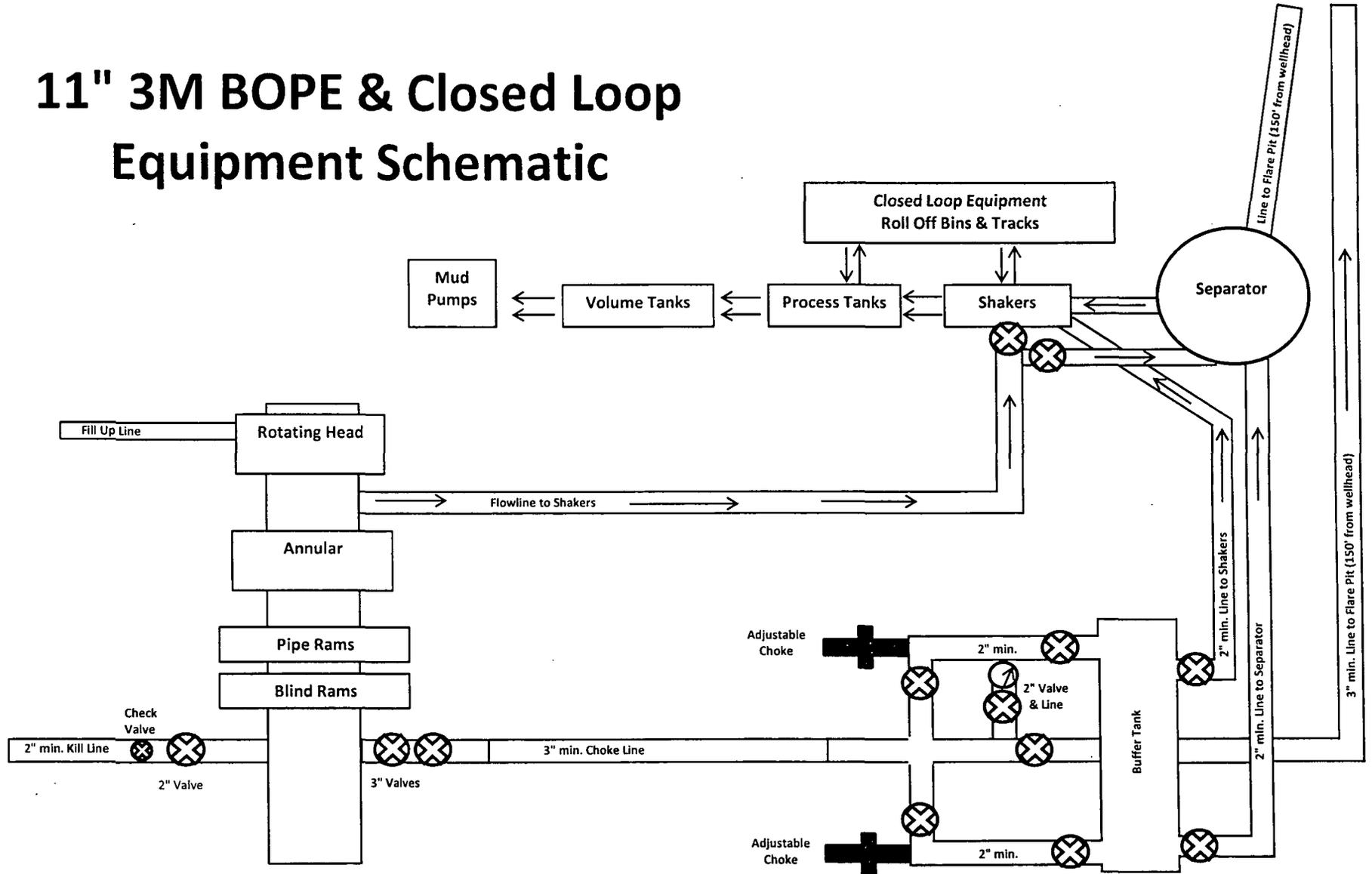


Exhibit 2
 Querecho 28 NC Fed. #1H

Note: All valves & lines on choke manifold are 3" unless otherwise noted. Exact manifold configuration may vary.

13 5/8" 2M BOPE & Closed Loop Equipment Schematic

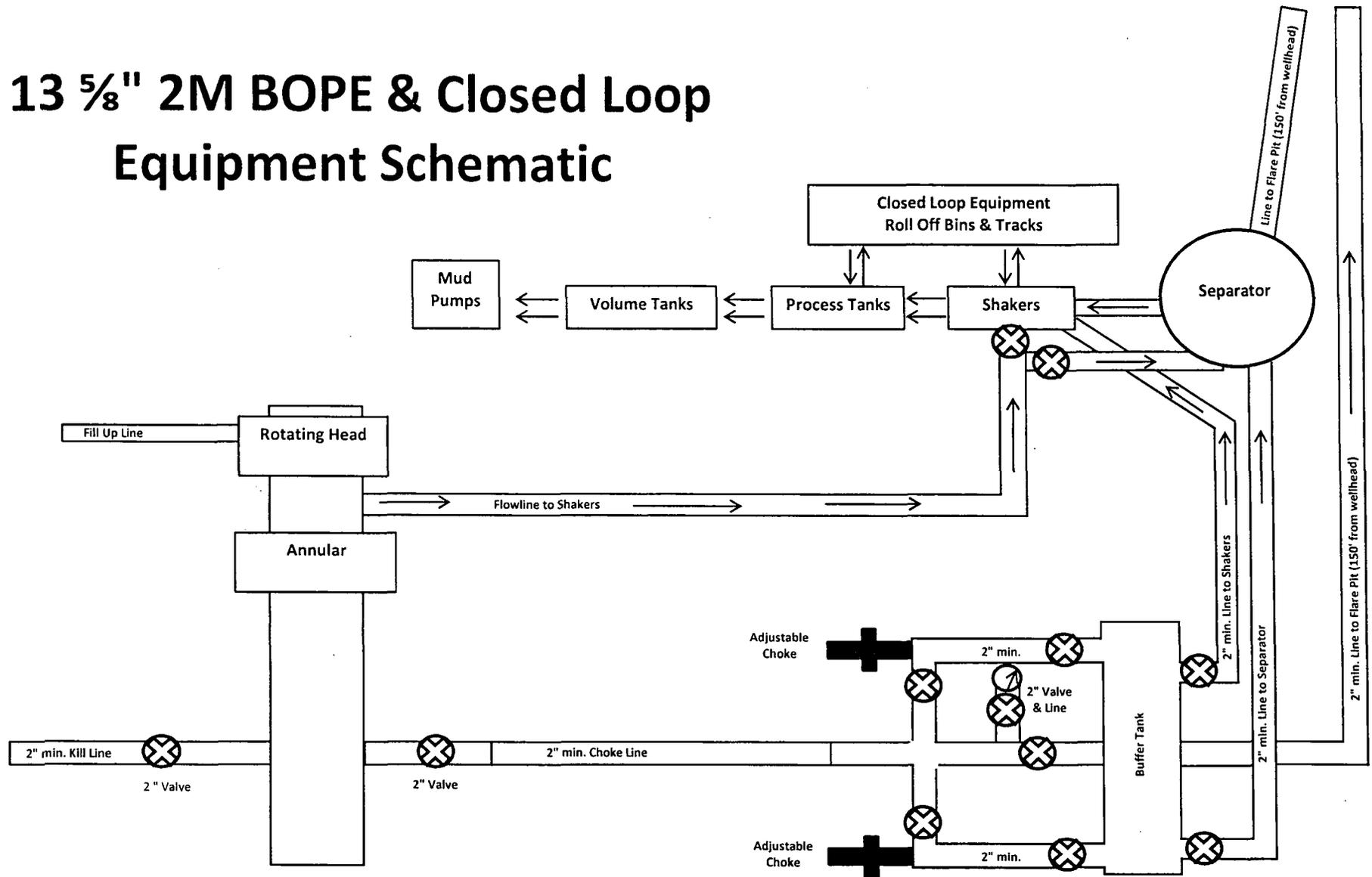


Exhibit 2A
 Querecho 28 NC Fed. #1H

Notes Regarding Blowout Preventer

Mewbourne Oil Company

Querecho 28 NC Federal #1H

150' FSL & 2230' FWL (SHL)

Sec 28-T18S-R32E

Lea County, New Mexico

- I. Drilling nipple (bell nipple) to be constructed so that it can be removed without the use of a welder through the opening of the rotary table, with minimum internal diameter equal to blowout preventer bore.
- II. Blowout preventer and all fittings must be in good condition with a minimum 3000 psi working pressure on 9 5/8" and 7" casing.
- III. Safety valve must be available on the rig floor at all times with proper connections to install in the drill string. Valve must be full bore with minimum 3000 psi working pressure.
- IV. Equipment through which bit must pass shall be at least as large as internal diameter of the casing.
- V. A kelly cock shall be installed on the kelly at all times.

Blowout preventer closing equipment to include and accumulator of at least 40 gallon capacity, two independent sources of pressure on closing unit, and meet all other API specifications.

H2S Diagram

Closed Loop Pad Dimensions 280' x 320'

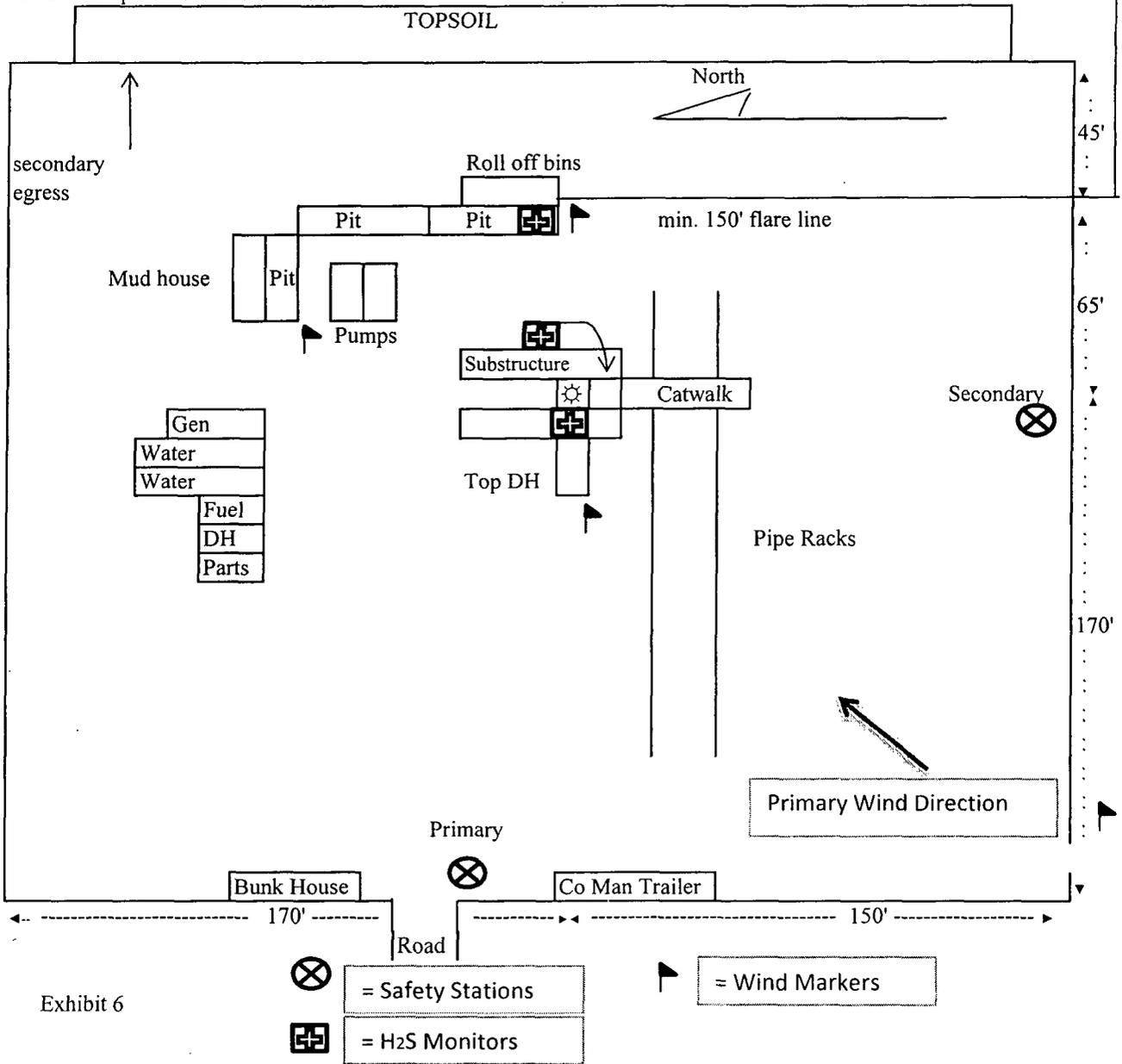


Exhibit 6

Mewbourne Oil Company
 Querecho 28 NC Fed. #1H
 150' FSL & 2230' FWL
 Sec. 28 T18S R32E
 Lea County, NM