Form 3160-5
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

FORM APPROVED
OMB No. 1004-0135
Expires: January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
NM-105561 (SL)

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☑ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
Red Hills West 10 Fed #1H

2. Name of Operator
Mewbourne Oil Company 14744

9. API Well No.
30-025-39911

3a. Address
PO Box 5270 Hobbs, NM 88241

3b. Phone No. *(include area code)*
575-393-5905

10. Field and Pool, or Exploratory Area
Wildcat Bone Springs

4. Location of Well *(Footage, Sec., T, R., M., or Survey Description)*
330' FNL & 1980' FWL, Sec 10-T26S-R32E Unit Letter C

11. County or Parish, State
Lea County, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

3. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Mewbourne Oil Company wishes to amend the drilling program as follows: *

Drill 8 3/4" vertically & kickoff @ 8920' MD to horizontal @ 9818' MD (9493' TVD) & TD @ 13946' MD (9508' TVD) as show on attached directional plan. Also see attached casing & cement program.

If you have any questions, please call Mickey Young or Charles Martin @ 575-393-5905

HOBBS OCD

MAY 02 2011

RECEIVED

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*
Jackie Lathan

Title Hobbs Regulatory

Signature Jackie Lathan

Date 04/08/11

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

APPROVED

Approved by *(Signature)*

Name *(Printed/Typed)*

Title

Office

Date APR 27 2011

/s/ Chris Walls

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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.

MAY 03 2011

PETROLEUM ENGINEER

(Continued on next page)

Drilling Program
Mewbourne Oil Company
Red Hills West 10 Federal Com #1H
330' FNL & 1980' FWL (SHL)
Sec 10-T26S-R32E
Lea County, New Mexico

Proposed casing and cementing program:

Hole Size	Casing	Wt/Ft.	Grade	Depth	Jt Type
8 ¾"	7" (new)	26#	P110	0'-8920' MD	LT&C
8 ¾"	7" (new)	26#	P110	8920'-9820' MD	BT&C

Cement with 250 sx light Class "H" (35:65:6) with 5% salt, fluid loss, and LCM additives. Yield @ 2.47 cuft/sk. 400 sx Class "H" w/1% Salt and fluid loss additives. Yield @ 1.18. Estimated TOC inside intermediate casing @ 4000' with 25% excess.

6 1/8"	4 ½" (new)	11.6#	P110	9620'-13946' MD	LT&C

This will be a Packer/Port completion from TD up inside 7" casing with packer type liner hanger.

Mewbourne Oil Co

Lea County, NM
Sec 10, T-26S, R-32E
Red Hills West 10 Fed Com #1H

Wellbore #1

Plan: Design #2

DDC Well Planning Report

05 April, 2011

DDC
The DIRECTIONAL DRILLING COMPANY

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well Red Hills West 10 Fed Com #1H
Company:	Mewbourne Oil Co	**TVD Reference:**	WELL @ 3293.0usft (Patterson UTI #45)
Project:	Lea County, NM	**MD Reference:**	WELL @ 3293.0usft (Patterson UTI #45)
Site:	Sec 10, T-26S, R-32E	**North Reference:**	Grid
Well:	Red Hills West 10 Fed Com #1H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

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 10, T-26S, R-32E

Site Position:		**Northing:**	387,634.07 usft	**Latitude:**	32° 3' 50.245 N
From:	Map	**Easting:**	707,172.59 usft	**Longitude:**	103° 39' 52.435 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.36 °

Well Red Hills West 10 Fed Com #1H

Well Position	**+N/-S**	0.0 usft	**Northing:**	387,634.07 usft	**Latitude:**	32° 3' 50.245 N
	+E/-W	0.0 usft	**Easting:**	707,172.59 usft	**Longitude:**	103° 39' 52.435 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**		**Ground Level:**	3,275.0 usft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	3/30/2011	7.64	60.03	48,532

Design Design #2

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	183.36

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	
8,920.0	0.00	0.00	8,920.0	0.0	0.0	0.00	0.00	0.00	0.00	
9,817.9	89.79	183.36	9,493.0	-569.9	-33.4	10.00	10.00	-19.67	183.36	
13,945.7	89.79	183.36	9,508.0	-4,690.6	-275.3	0.00	0.00	0.00	0.00	PBHL Red Hills We

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Well:	Red Hills West 10 Fed Com #1H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,800.0	0.0	0.0	0.0	0.00	0.00	0.00
4,900.0	0.00	0.00	4,900.0	0.0	0.0	0.0	0.00	0.00	0.00
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	0.00
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	0.00	0.00
5,300.0	0.00	0.00	5,300.0	0.0	0.0	0.0	0.00	0.00	0.00

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Well:	Red Hills West 10 Fed Com #1H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

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)
5,400.0	0.00	0.00	5,400.0	0.0	0.0	0.0	0.00	0.00	0.00
5,500.0	0.00	0.00	5,500.0	0.0	0.0	0.0	0.00	0.00	0.00
5,600.0	0.00	0.00	5,600.0	0.0	0.0	0.0	0.00	0.00	0.00
5,700.0	0.00	0.00	5,700.0	0.0	0.0	0.0	0.00	0.00	0.00
5,800.0	0.00	0.00	5,800.0	0.0	0.0	0.0	0.00	0.00	0.00
5,900.0	0.00	0.00	5,900.0	0.0	0.0	0.0	0.00	0.00	0.00
6,000.0	0.00	0.00	6,000.0	0.0	0.0	0.0	0.00	0.00	0.00
6,100.0	0.00	0.00	6,100.0	0.0	0.0	0.0	0.00	0.00	0.00
6,200.0	0.00	0.00	6,200.0	0.0	0.0	0.0	0.00	0.00	0.00
6,300.0	0.00	0.00	6,300.0	0.0	0.0	0.0	0.00	0.00	0.00
6,400.0	0.00	0.00	6,400.0	0.0	0.0	0.0	0.00	0.00	0.00
6,500.0	0.00	0.00	6,500.0	0.0	0.0	0.0	0.00	0.00	0.00
6,600.0	0.00	0.00	6,600.0	0.0	0.0	0.0	0.00	0.00	0.00
6,700.0	0.00	0.00	6,700.0	0.0	0.0	0.0	0.00	0.00	0.00
6,800.0	0.00	0.00	6,800.0	0.0	0.0	0.0	0.00	0.00	0.00
6,900.0	0.00	0.00	6,900.0	0.0	0.0	0.0	0.00	0.00	0.00
7,000.0	0.00	0.00	7,000.0	0.0	0.0	0.0	0.00	0.00	0.00
7,100.0	0.00	0.00	7,100.0	0.0	0.0	0.0	0.00	0.00	0.00
7,200.0	0.00	0.00	7,200.0	0.0	0.0	0.0	0.00	0.00	0.00
7,300.0	0.00	0.00	7,300.0	0.0	0.0	0.0	0.00	0.00	0.00
7,400.0	0.00	0.00	7,400.0	0.0	0.0	0.0	0.00	0.00	0.00
7,500.0	0.00	0.00	7,500.0	0.0	0.0	0.0	0.00	0.00	0.00
7,600.0	0.00	0.00	7,600.0	0.0	0.0	0.0	0.00	0.00	0.00
7,700.0	0.00	0.00	7,700.0	0.0	0.0	0.0	0.00	0.00	0.00
7,800.0	0.00	0.00	7,800.0	0.0	0.0	0.0	0.00	0.00	0.00
7,900.0	0.00	0.00	7,900.0	0.0	0.0	0.0	0.00	0.00	0.00
8,000.0	0.00	0.00	8,000.0	0.0	0.0	0.0	0.00	0.00	0.00
8,100.0	0.00	0.00	8,100.0	0.0	0.0	0.0	0.00	0.00	0.00
8,200.0	0.00	0.00	8,200.0	0.0	0.0	0.0	0.00	0.00	0.00
8,300.0	0.00	0.00	8,300.0	0.0	0.0	0.0	0.00	0.00	0.00
8,400.0	0.00	0.00	8,400.0	0.0	0.0	0.0	0.00	0.00	0.00
8,500.0	0.00	0.00	8,500.0	0.0	0.0	0.0	0.00	0.00	0.00
8,600.0	0.00	0.00	8,600.0	0.0	0.0	0.0	0.00	0.00	0.00
8,700.0	0.00	0.00	8,700.0	0.0	0.0	0.0	0.00	0.00	0.00
8,800.0	0.00	0.00	8,800.0	0.0	0.0	0.0	0.00	0.00	0.00
8,900.0	0.00	0.00	8,900.0	0.0	0.0	0.0	0.00	0.00	0.00
Build 10°/100' @ 8920' MD									
8,920.0	0.00	0.00	8,920.0	0.0	0.0	0.0	0.00	0.00	0.00
9,000.0	8.00	183.36	8,999.7	-5.6	-0.3	5.6	10.00	10.00	0.00
9,100.0	18.00	183.36	9,097.1	-28.0	-1.6	28.0	10.00	10.00	0.00
9,200.0	28.00	183.36	9,189.0	-67.0	-3.9	67.1	10.00	10.00	0.00
9,300.0	38.00	183.36	9,272.7	-121.3	-7.1	121.5	10.00	10.00	0.00
9,400.0	48.00	183.36	9,345.8	-189.2	-11.1	189.6	10.00	10.00	0.00
9,500.0	58.00	183.36	9,405.9	-268.9	-15.8	269.3	10.00	10.00	0.00
9,600.0	68.00	183.36	9,451.2	-357.7	-21.0	358.3	10.00	10.00	0.00
9,700.0	78.00	183.36	9,480.4	-453.1	-26.6	453.8	10.00	10.00	0.00
9,800.0	88.00	183.36	9,492.6	-552.0	-32.4	553.0	10.00	10.00	0.00
EOB @ 9818' MD / 89.79° Inc / 183.36° Azm / 9493' TVD									
9,817.9	89.79	183.36	9,493.0	-569.9	-33.4	570.9	10.00	10.00	0.00
9,900.0	89.79	183.36	9,493.3	-651.8	-38.3	653.0	0.00	0.00	0.00
10,000.0	89.79	183.36	9,493.6	-751.7	-44.1	753.0	0.00	0.00	0.00
10,100.0	89.79	183.36	9,494.0	-851.5	-50.0	853.0	0.00	0.00	0.00
10,200.0	89.79	183.36	9,494.3	-951.3	-55.8	953.0	0.00	0.00	0.00

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Well:	Red Hills West 10 Fed Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

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)
10,300.0	89.79	183.36	9,494.7	-1,051.1	-61.7	1,053.0	0.00	0.00	0.00
10,400.0	89.79	183.36	9,495.1	-1,151.0	-67.6	1,153.0	0.00	0.00	0.00
10,500.0	89.79	183.36	9,495.4	-1,250.8	-73.4	1,253.0	0.00	0.00	0.00
10,600.0	89.79	183.36	9,495.8	-1,350.6	-79.3	1,353.0	0.00	0.00	0.00
10,700.0	89.79	183.36	9,496.2	-1,450.5	-85.1	1,453.0	0.00	0.00	0.00
10,800.0	89.79	183.36	9,496.5	-1,550.3	-91.0	1,553.0	0.00	0.00	0.00
10,900.0	89.79	183.36	9,496.9	-1,650.1	-96.8	1,653.0	0.00	0.00	0.00
11,000.0	89.79	183.36	9,497.3	-1,749.9	-102.7	1,752.9	0.00	0.00	0.00
11,100.0	89.79	183.36	9,497.6	-1,849.8	-108.6	1,852.9	0.00	0.00	0.00
11,200.0	89.79	183.36	9,498.0	-1,949.6	-114.4	1,952.9	0.00	0.00	0.00
11,300.0	89.79	183.36	9,498.4	-2,049.4	-120.3	2,052.9	0.00	0.00	0.00
11,400.0	89.79	183.36	9,498.7	-2,149.2	-126.1	2,152.9	0.00	0.00	0.00
11,500.0	89.79	183.36	9,499.1	-2,249.1	-132.0	2,252.9	0.00	0.00	0.00
11,600.0	89.79	183.36	9,499.4	-2,348.9	-137.9	2,352.9	0.00	0.00	0.00
11,700.0	89.79	183.36	9,499.8	-2,448.7	-143.7	2,452.9	0.00	0.00	0.00
11,800.0	89.79	183.36	9,500.2	-2,548.6	-149.6	2,552.9	0.00	0.00	0.00
11,900.0	89.79	183.36	9,500.5	-2,648.4	-155.4	2,652.9	0.00	0.00	0.00
12,000.0	89.79	183.36	9,500.9	-2,748.2	-161.3	2,752.9	0.00	0.00	0.00
12,100.0	89.79	183.36	9,501.3	-2,848.0	-167.2	2,852.9	0.00	0.00	0.00
12,200.0	89.79	183.36	9,501.6	-2,947.9	-173.0	2,952.9	0.00	0.00	0.00
12,300.0	89.79	183.36	9,502.0	-3,047.7	-178.9	3,052.9	0.00	0.00	0.00
12,400.0	89.79	183.36	9,502.4	-3,147.5	-184.7	3,152.9	0.00	0.00	0.00
12,500.0	89.79	183.36	9,502.7	-3,247.4	-190.6	3,252.9	0.00	0.00	0.00
12,600.0	89.79	183.36	9,503.1	-3,347.2	-196.5	3,352.9	0.00	0.00	0.00
12,700.0	89.79	183.36	9,503.5	-3,447.0	-202.3	3,452.9	0.00	0.00	0.00
12,800.0	89.79	183.36	9,503.8	-3,546.8	-208.2	3,552.9	0.00	0.00	0.00
12,900.0	89.79	183.36	9,504.2	-3,646.7	-214.0	3,652.9	0.00	0.00	0.00
13,000.0	89.79	183.36	9,504.6	-3,746.5	-219.9	3,752.9	0.00	0.00	0.00
13,100.0	89.79	183.36	9,504.9	-3,846.3	-225.7	3,852.9	0.00	0.00	0.00
13,200.0	89.79	183.36	9,505.3	-3,946.1	-231.6	3,952.9	0.00	0.00	0.00
13,300.0	89.79	183.36	9,505.6	-4,046.0	-237.5	4,052.9	0.00	0.00	0.00
13,400.0	89.79	183.36	9,506.0	-4,145.8	-243.3	4,152.9	0.00	0.00	0.00
13,500.0	89.79	183.36	9,506.4	-4,245.6	-249.2	4,252.9	0.00	0.00	0.00
13,600.0	89.79	183.36	9,506.7	-4,345.5	-255.0	4,352.9	0.00	0.00	0.00
13,700.0	89.79	183.36	9,507.1	-4,445.3	-260.9	4,452.9	0.00	0.00	0.00
13,800.0	89.79	183.36	9,507.5	-4,545.1	-266.8	4,552.9	0.00	0.00	0.00
13,900.0	89.79	183.36	9,507.8	-4,644.9	-272.6	4,652.9	0.00	0.00	0.00
TD @ 13946' MD / 9508' TVD									
13,945.7	89.79	183.36	9,508.0	-4,690.6	-275.3	4,698.6	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 Red Hills West - plan hits target center - Point	0.00	0.00	9,508.0	-4,690.6	-275.3	382,943.50	706,897.30	32° 3' 3.844 N	103° 39' 55.971 W

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well Red Hills West 10 Fed Com #1H
Company:	Mewbourne Oil Co	**TVD Reference:**	WELL @ 3293.0usft (Patterson UTI #45)
Project:	Lea County, NM	**MD Reference:**	WELL @ 3293.0usft (Patterson UTI #45)
Site:	Sec 10, T-26S, R-32E	**North Reference:**	Grid
Well:	Red Hills West 10 Fed Com #1H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
8,920.0	8,920.0	0.0	0.0	Build 10°/100' @ 8920' MD
9,817.9	9,493.0	-569.9	-33.4	EOB @ 9818' MD / 89.79° Inc / 183.36° Azm / 9493' TVD
13,945.7	9,508.0	-4,690.6	-275.3	TD @ 13946' MD / 9508' TVD

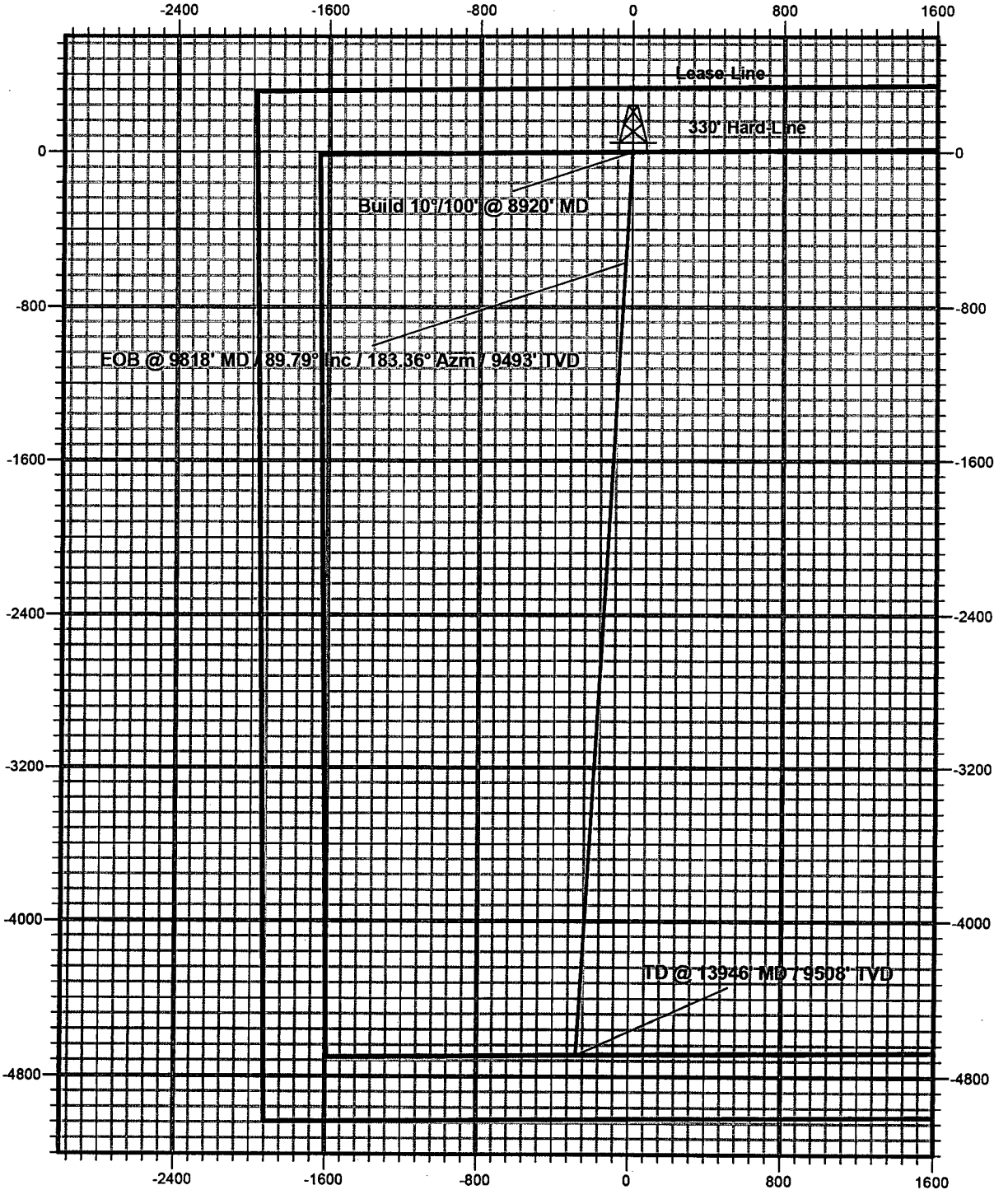
Mewbourne Oil Company

The DIRECTIONAL DRILLING COMPANY

Lea County, NM

Red Hills West 10 Fed Com #1H

Quote 110272



Mewbourne Oil Company

Lea County, NM

Red Hills West 10 Fed Com #1H

Quote 110272

QDC

The DIRECTIONAL DRILLING COMPANY