

RM

District II

1301 W Grand Ave., Artesia, NM 88210
Phone (505) 748-1283 Fax (505) 748-9720

State of New Mexico

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

Form C-101
Permit 103402

RECEIVED

OCT 21 2009

NMOCD ARTESIA

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1 Operator Name and Address MEWBOURNE OIL CO PO BOX 5270 HOBBS, NM 88241		2 OGRID Number 14744
		3 API Number 30-015-37379
4 Property Code 34081	5 Property Name PIERCE CROSSING 36 STATE	6 Well No 002H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
C	36	24S	29E	C	180	N	2300	W	EDDY

Nash Draw

8. Pool Information

CORRAL CANYON, DELAWARE 85 AV 50 47545

Additional Well Information

9 Work Type New Well	10 Well Type OIL	11 Cable/Rotary	12 Lease Type State /	13 Ground Level Elevation 3090
14 Multiple N	15. Proposed Depth 9965	16 Formation Delaware	17. Contractor	18 Spud Date 11/15/2009
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit ☐ Liner Synthetic ☐ mils thick Clay ☐ Pit Volume. bbls Drilling Method. Closed Loop System ☐ Fresh Water ☒ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐				

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	9.625	36	750	300	0
Intl	8.75	7	26	5750	700	0
Prod	6.125	4.5	11.6	9965	0	

Casing/Cement Program: Additional Comments

MOC proposes to drill & test the Delaware formation. H2S rule 118 does not apply because MOC has researched this area & no high concentration were found. Will have on location & working all H2S safety equipment before drilling below the surface casing for safety & insurance purposes. If commercial, a production liner will be run & will utilize packer/port system. No cmt is required. Will stimulate as needed for production.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	1500	Schaffer
Double Ram	3000	3000	Schaffer

I hereby certify that the information given above is true and complete to the best of my knowledge and belief
 I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐ a general permit ☐ or an (attached) alternative OCD-approved plan ☐

Printed Name: Jackie Lathan

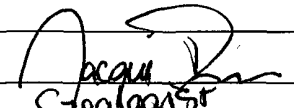
Title: Hobbs Regulatory

Email Address: j.lathan@mewbourne.com

Date: 10/20/09

Phone: 575-393-5905

OIL CONSERVATION DIVISION

Approved By: 

Title: Geologist

Approved Date: 11/5/2009 Expiration Date: 11/5/2010

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-37379	Pool Code 47545	Pool Name Nash Draw; Delaware-Bs Avsh
Property Code 34081	Property Name PIERCE CROSSING "36" STATE	Well Number 2H
OGRID No. 14744	Operator Name MEWBOURNE OIL COMPANY	Elevation 3103'

Surface Location

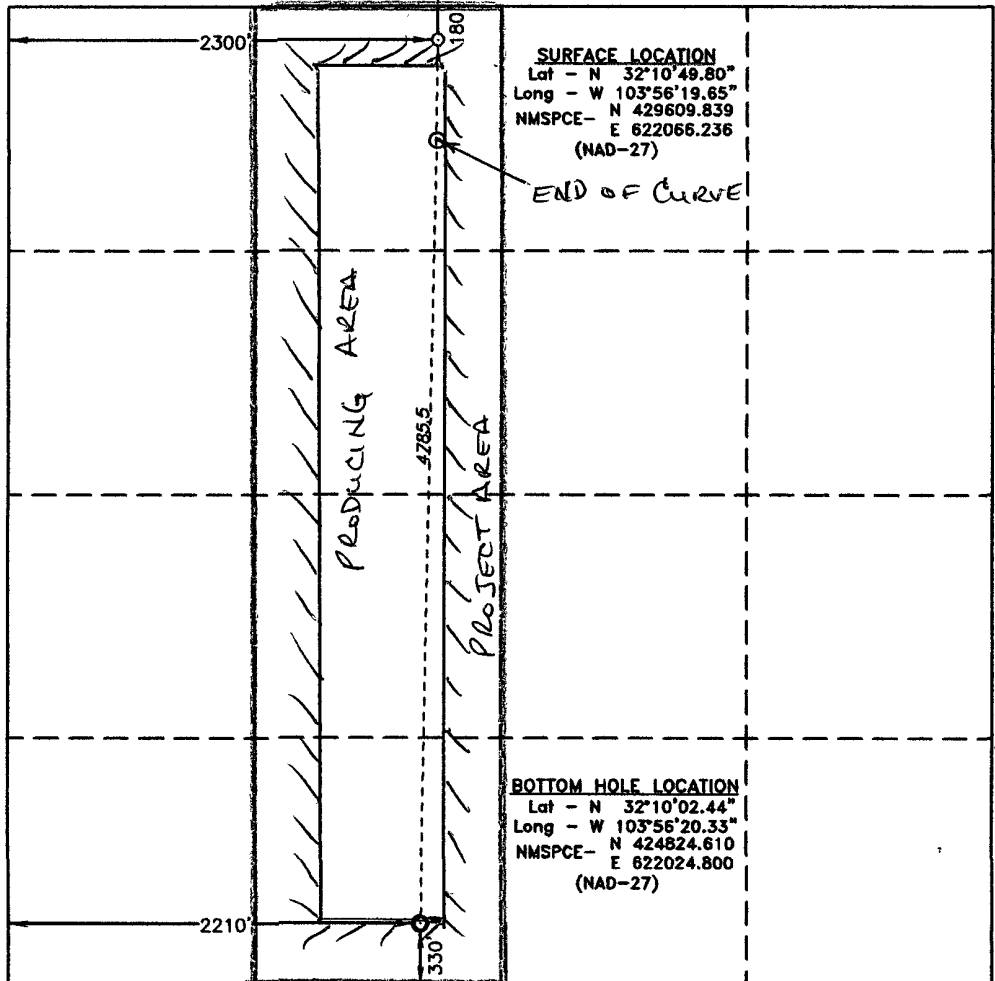
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	36	24 S	29 E		180	NORTH	2300	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	36	24 S	29 E		330	SOUTH	2210	WEST	EDDY

Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.
------------------------	-----------------	--------------------	-----------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

 SURFACE LOCATION Lat - N 32°10'49.80" Long - W 103°56'19.65" NMSPCE- N 429609.839 E 622066.236 (NAD-27) END OF CURVE BOTTOM HOLE LOCATION Lat - N 32°10'02.44" Long - W 103°56'20.33" NMSPCE- N 424824.610 E 622024.800 (NAD-27)	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 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. Signature: Jackie Lathan 10/20/09 Date Printed Name: Jackie Lathan 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. Date Surveyed: December 1, 2009 Signature & Seal of Professional Surveyor: Gary L. Jones Certificate No. Gary L. Jones 7977 BASIN SURVEYS
---	---

District I

1625 N French Dr , Hobbs, NM 88240

District II

1301 W Grand Ave , Artesia, NM 88210

District III

1000 Rio Brazos Rd , Aztec, NM 87410

District IV

1220 S St Francis Dr , Santa Fe, NM 87505

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

Form C-102
Permit 103402**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1 API Number	2 Pool Code 13360	3 Pool Name CORRAL CANYON;DELAWARE
4 Property Code	5 Property Name PIERCE CROSSING 36 STATE	6 Well No. 002H
7 OGRID No 14744	8 Operator Name MEWBOURNE OIL CO	9 Elevation 3090

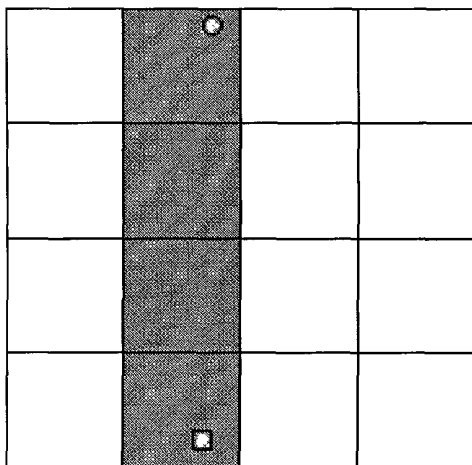
10. Surface Location

UL - Lot C	Section 36	Township 24S	Range 29E	Lot Idn	Feet From 180	N/S Line N	Feet From 2300	E/W Line W	County EDDY
---------------	---------------	-----------------	--------------	---------	------------------	---------------	-------------------	---------------	----------------

11. Bottom Hole Location If Different From Surface

UL - Lot C	Section 36	Township 24S	Range 29E	Lot Idn	Feet From 330	N/S Line S	Feet From 2210	E/W Line W	County EDDY
12 Dedicated Acres 160.00		13 Joint or Infill		14 Consolidation Code		15. Order No			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

**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(s) 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.

E-Signed By:

Title:

Date:

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.

Surveyed By: Gary Jones

Date of Survey: 10/1/2009

Certificate Number: 7977

Permit Comments

Operator: MEWBOURNE OIL CO , 14744

Well: PIERCE CROSSING 36 STATE #002H

API:

Created By	Comment	Comment Date
NMYOUNG	Mud program: 0-750' FW/spud mud w/additives. From 750' - 5750' Brine water w/soda ash for pH. 5750'-9965' FW mud w/polymer & caustic for pH.	10/20/2009

Mewbourne Oil Co

Eddy, New Mexico

Sec 36 24S,29E

Pierce Crossing "36" State #2H

Wellbore #1

Plan: Design #1

DDC Well Planning Report

07 October, 2009



DDC Well Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Pierce Crossing "36" State #2H
Company:	Mewbourne Oil Co.	TVD Reference:	WELL @ 3120.0ft (Patterson UTI #45)
Project:	Eddy, New Mexico	MD Reference:	WELL @ 3120.0ft (Patterson UTI #45)
Site:	Sec 36 24S,29E	North Reference:	Grid
Well:	Pierce Crossing "36" State #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project:	Eddy, New Mexico		
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 36 24S,29E
-------	----------------

Site Position:		Northing:	429,609.84 ft	Latitude:	32° 10' 49.797 N
From:	Map	Easting:	622,066.24 ft	Longitude:	103° 56' 19.648 W
Position Uncertainty:	0.0 ft	Slot Radius:	0"	Grid Convergence:	0.21°

Well:	Pierce Crossing "36" State #2H
-------	--------------------------------

Well Position	+N/-S	0.0 ft	Northing:	429,609.84 ft	Latitude:	32° 10' 49.797 N
	+E/-W	0.0 ft	Easting:	622,066.24 ft	Longitude:	103° 56' 19.648 W
Position Uncertainty		0.0 ft	Wellhead Elevation:		Ground Level:	3,102.0 ft

Wellbore:	Wellbore #1
-----------	-------------

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	10/7/2009	7.94	60.14	48,750

Design:	Design #1
---------	-----------

Audit Notes:	
Version:	Phase: PLAN Tie On Depth: 0.0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	180.50

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,852.0	0.00	0.00	4,852.0	0.0	0.0	0.00	0.00	0.00	0.00	
5,751.3	89.93	180.50	5,425.0	-572.3	-5.0	10.00	10.00	-19.96	180.50	
9,964.5	89.93	180.50	5,430.0	-4,785.2	-41.4	0.00	0.00	0.00	0.00	PBHL Pierce Cross

DDC

Well Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Pierce Crossing "36" State #2H
Company:	Mewbourne Oil Co.	TVD Reference:	WELL @ 3120.0ft (Patterson UTI #45)
Project:	Eddy, New Mexico	MD Reference:	WELL @ 3120.0ft (Patterson UTI #45)
Site:	Sec 36 24S,29E	North Reference:	Grid
Well:	Pierce Crossing "36" State #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
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
Build 10° / 100' MD / 180.50° AZM									
4,852.0	0.00	0.00	4,852.0	0.0	0.0	0.0	0.00	0.00	0.00
4,900.0	4.80	180.50	4,899.9	-2.0	0.0	2.0	10.00	10.00	0.00
5,000.0	14.80	180.50	4,998.4	-19.0	-0.2	19.0	10.00	10.00	0.00
5,100.0	24.80	180.50	5,092.3	-52.8	-0.5	52.8	10.00	10.00	0.00

DDC Well Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Pierce Crossing "36" State #2H
Company:	Mewbourne Oil Co	TVD Reference:	WELL @ 3120.0ft (Patterson UTI #45)
Project:	Eddy, New Mexico	MD Reference:	WELL @ 3120.0ft (Patterson UTI #45)
Site:	Sec 36 24S,29E	North Reference:	Grid
Well:	Pierce Crossing "36" State #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
5,200.0	34.80	180.50	5,179.0	-102.5	-0.9	102.5	10.00	10.00	0.00	
5,300.0	44.80	180.50	5,255.7	-166.4	-1.4	166.4	10.00	10.00	0.00	
5,400.0	54.80	180.50	5,320.2	-242.7	-2.1	242.7	10.00	10.00	0.00	
5,500.0	64.80	180.50	5,370.4	-329.0	-2.8	329.0	10.00	10.00	0.00	
5,600.0	74.80	180.50	5,404.9	-422.7	-3.7	422.7	10.00	10.00	0.00	
5,700.0	84.80	180.50	5,422.6	-521.0	-4.5	521.0	10.00	10.00	0.00	
EOC @ 5751' MD / 89.93° INC / 5425' TVD										
5,751.3	89.93	180.50	5,425.0	-572.3	-5.0	572.3	10.00	10.00	0.00	
5,800.0	89.93	180.50	5,425.0	-620.9	-5.4	621.0	0.00	0.00	0.00	
5,900.0	89.93	180.50	5,425.1	-720.9	-6.2	721.0	0.00	0.00	0.00	
6,000.0	89.93	180.50	5,425.3	-820.9	-7.1	821.0	0.00	0.00	0.00	
6,100.0	89.93	180.50	5,425.4	-920.9	-8.0	921.0	0.00	0.00	0.00	
6,200.0	89.93	180.50	5,425.5	-1,020.9	-8.8	1,021.0	0.00	0.00	0.00	
6,300.0	89.93	180.50	5,425.6	-1,120.9	-9.7	1,121.0	0.00	0.00	0.00	
6,400.0	89.93	180.50	5,425.7	-1,220.9	-10.6	1,221.0	0.00	0.00	0.00	
6,500.0	89.93	180.50	5,425.9	-1,320.9	-11.4	1,321.0	0.00	0.00	0.00	
6,600.0	89.93	180.50	5,426.0	-1,420.9	-12.3	1,421.0	0.00	0.00	0.00	
6,700.0	89.93	180.50	5,426.1	-1,520.9	-13.2	1,521.0	0.00	0.00	0.00	
6,800.0	89.93	180.50	5,426.2	-1,620.9	-14.0	1,621.0	0.00	0.00	0.00	
6,900.0	89.93	180.50	5,426.3	-1,720.9	-14.9	1,721.0	0.00	0.00	0.00	
7,000.0	89.93	180.50	5,426.5	-1,820.9	-15.8	1,821.0	0.00	0.00	0.00	
7,100.0	89.93	180.50	5,426.6	-1,920.9	-16.6	1,921.0	0.00	0.00	0.00	
7,200.0	89.93	180.50	5,426.7	-2,020.9	-17.5	2,021.0	0.00	0.00	0.00	
7,300.0	89.93	180.50	5,426.8	-2,120.9	-18.4	2,121.0	0.00	0.00	0.00	
7,400.0	89.93	180.50	5,426.9	-2,220.9	-19.2	2,221.0	0.00	0.00	0.00	
7,500.0	89.93	180.50	5,427.1	-2,320.9	-20.1	2,321.0	0.00	0.00	0.00	
7,600.0	89.93	180.50	5,427.2	-2,420.9	-21.0	2,421.0	0.00	0.00	0.00	
7,700.0	89.93	180.50	5,427.3	-2,520.9	-21.8	2,521.0	0.00	0.00	0.00	
7,800.0	89.93	180.50	5,427.4	-2,620.9	-22.7	2,621.0	0.00	0.00	0.00	
7,900.0	89.93	180.50	5,427.5	-2,720.9	-23.6	2,721.0	0.00	0.00	0.00	
8,000.0	89.93	180.50	5,427.6	-2,820.9	-24.4	2,821.0	0.00	0.00	0.00	
8,100.0	89.93	180.50	5,427.8	-2,920.8	-25.3	2,921.0	0.00	0.00	0.00	
8,200.0	89.93	180.50	5,427.9	-3,020.8	-26.2	3,021.0	0.00	0.00	0.00	
8,300.0	89.93	180.50	5,428.0	-3,120.8	-27.0	3,121.0	0.00	0.00	0.00	
8,400.0	89.93	180.50	5,428.1	-3,220.8	-27.9	3,221.0	0.00	0.00	0.00	
8,500.0	89.93	180.50	5,428.2	-3,320.8	-28.8	3,321.0	0.00	0.00	0.00	
8,600.0	89.93	180.50	5,428.4	-3,420.8	-29.6	3,421.0	0.00	0.00	0.00	
8,700.0	89.93	180.50	5,428.5	-3,520.8	-30.5	3,521.0	0.00	0.00	0.00	
8,800.0	89.93	180.50	5,428.6	-3,620.8	-31.4	3,621.0	0.00	0.00	0.00	
8,900.0	89.93	180.50	5,428.7	-3,720.8	-32.2	3,721.0	0.00	0.00	0.00	
9,000.0	89.93	180.50	5,428.8	-3,820.8	-33.1	3,821.0	0.00	0.00	0.00	
9,100.0	89.93	180.50	5,429.0	-3,920.8	-34.0	3,921.0	0.00	0.00	0.00	
9,200.0	89.93	180.50	5,429.1	-4,020.8	-34.8	4,021.0	0.00	0.00	0.00	
9,300.0	89.93	180.50	5,429.2	-4,120.8	-35.7	4,121.0	0.00	0.00	0.00	
9,400.0	89.93	180.50	5,429.3	-4,220.8	-36.5	4,221.0	0.00	0.00	0.00	
9,500.0	89.93	180.50	5,429.4	-4,320.8	-37.4	4,321.0	0.00	0.00	0.00	
9,600.0	89.93	180.50	5,429.6	-4,420.8	-38.3	4,421.0	0.00	0.00	0.00	
9,700.0	89.93	180.50	5,429.7	-4,520.8	-39.1	4,521.0	0.00	0.00	0.00	
9,800.0	89.93	180.50	5,429.8	-4,620.8	-40.0	4,621.0	0.00	0.00	0.00	
9,900.0	89.93	180.50	5,429.9	-4,720.8	-40.9	4,721.0	0.00	0.00	0.00	
TD @ 9965' MD / 5430' TVD										
9,964.5	89.93	180.50	5,430.0	-4,785.2	-41.4	4,785.4	0.00	0.00	0.00	

DDC
Well Planning Report



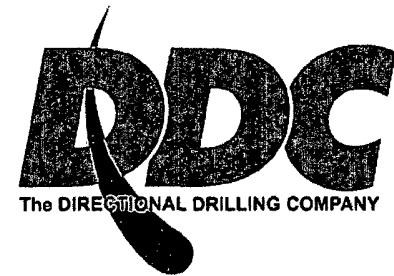
Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Pierce Crossing "36" State #2H
Company:	Mewbourne Oil Co	TVD Reference:	WELL @ 3120.0ft (Patterson UTI #45)
Project:	Eddy, New Mexico	MD Reference:	WELL @ 3120.0ft (Patterson UTI #45)
Site:	Sec 36 24S,29E	North Reference:	Grid
Well:	Pierce Crossing "36" State #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Design Targets									
Target Name									
- hit/miss target	Dip Angle	Dip Dir.	TVD	+N-S	+E-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
PBHL Pierce Crossing	0.00	0.00	5,430.0	-4,785.2	-41.4	424,824.61	622,024.80	32° 10' 2.443 N	103° 56' 20.334 W
- plan hits target center									
- Point									

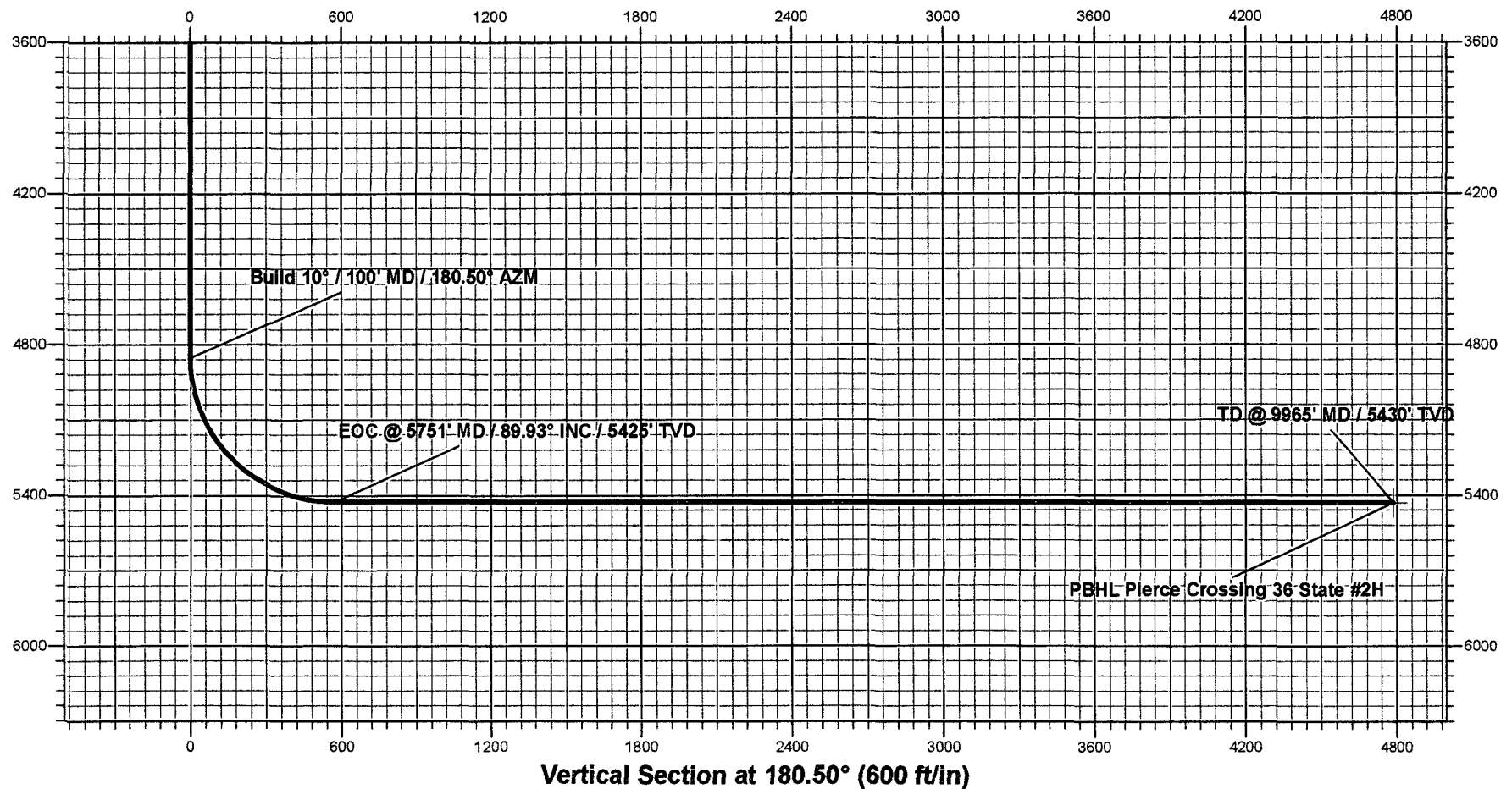
Plan Annotations				
Measured Depth	Vertical Depth	Local Coordinates		Comment
(ft)	(ft)	+N-S	+E-W	
(ft)	(ft)	(ft)	(ft)	
4,852.0	4,852.0	0.0	0.0	Build 10° / 100' MD / 180.50° AZM
5,751.3	5,425.0	-572.3	-5.0	EOC @ 5751' MD / 89.93° INC / 5425' TVD
9,964.5	5,430.0	-4,785.2	-41.4	TD @ 9965' MD / 5430' TVD

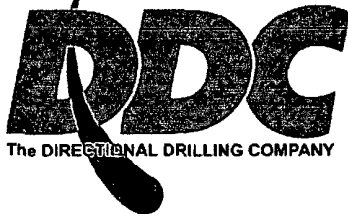
MEWBOURNE OIL COMPANY

Pierce Crossing "36" State #2H
Eddy, New Mexico
Quote 090340



Vertical Section at 180.50° (600 ft/in)





MEWBOURNE OIL COMPANY

Pierce Crossing "36" State #2H
Eddy, New Mexico
Quote 090340

