

DATE 1.24.12 SUSPENSE ENGINEER DB LOGGED IN 1.24.12 TYPE NSL APP NO. 1202433942

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



Mewbourne

Wyatt Draw 24 25 Feb 11

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]  
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication

☒ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement

☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☐ Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is accurate and complete to the best of my knowledge. I also understand that no action will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

James Bruce  
P.O. Box 1056  
Santa Fe, New Mexico 87504

Signature

Title

Date

e-mail Address

RECEIVED OGD  
2 Sections  
2012 JAN 23 4:11:46 PM

**JAMES BRUCE**  
ATTORNEY AT LAW

POST OFFICE BOX 1056  
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213  
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)  
(505) 660-6612 (Cell)  
(505) 982-2151 (Fax)

[jamesbruc@aol.com](mailto:jamesbruc@aol.com)

January 23, 2012

David Brooks  
Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

Dear Mr. Brooks:

Pursuant to NMAC 19.15.15.13, Mewbourne Oil Company applies for approval of an unorthodox oil well location for the following well:

<u>Well:</u>	Wyatt Draw 24/25 OG Fed. Com. Well No. 1
<u>Surface location:</u>	1620 feet FSL & 1740 feet FEL §24
<u>Bottom hole location:</u>	2310 feet FNL & 1740 feet FEL §25
<u>Well unit (project area):</u>	SW¼SE¼ of Section 24 and W½NE¼ of Section 25, Township 19 South, Range 25 East, N.M.P.M., Eddy County, New Mexico

The well will be drilled to a depth sufficient to test the North Seven Rivers Glorieta-Yeso Pool. The pool is spaced on statewide rules, with 40 acre spacing, and wells to be located no closer than 330 feet to a quarter-quarter section line. A Form C-102 is attached as **Exhibit A**.


The well will penetrate the top of the Glorieta-Yeso formation at an unorthodox location in the SW¼SE¼ of Section 24, approximately 1500 feet FSL of Section 24. The completed and perforated portion of the wellbore will begin at an unorthodox location approximately 1140 feet FSL of Section 24. **Exhibit B**.

The location is due to topographic and engineering reasons. The well is near a river/arroyo, which limits cause the location to be moved north of an orthodox location. **Exhibit C**. The unorthodox surface location will increase the productive length of the wellbore.

The location encroaches on the N½SE¼ of Section 24. However, the S½ of Section 24 is a single tract with common ownership. **Exhibit D.** Therefore, notice of the application has not been given to anyone.

Please contact me if you need any further information on this application.

Very truly yours,

A handwritten signature in cursive script, appearing to read "James Bruce".

James Bruce

Attorney for Mewbourne Oil Company

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

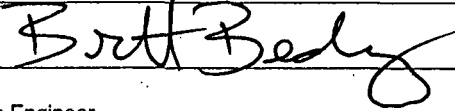
## APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. NMNM 118696 & Fee
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input 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 88240	3b. Phone No. (include area code) (575) 393-5905	8. Lease Name and Well No. Wyatt Draw "24/25" OG Fed Com #1H
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface 1620' FSL & 1740' FEL (Unit J, Sec 24, T19S, R25E) At proposed prod. zone 2310' FNL & 1740' FEL (Unit G, Sec 25, T19S, R25E)		9. API Well No.
14. Distance in miles and direction from nearest town or post office* 14 miles South of Artesia, NM		10. Field and Pool, or Exploratory North Seven Rivers Glorietta Yeso
15. Distance from proposed* 1620' location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. of acres in lease 160	11. Sec., T. R. M. or Blk. and Survey or Area Sec 24, T19S, R25E
18. Distance from proposed location* 1250' to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth 6476' MD 2792' TVD	12. County or Parish Eddy
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3392' GL	22. Approximate date work will start* 12/12/2011	13. State NM
17. Spacing Unit dedicated to this well 120		
20. BLM/BIA Bond No. on file NM1693, Nationwide		
23. Estimated duration 14 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.  | 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 	Name (Printed/Typed) Brett Bednarz	Date 10/04/2011
Title Petroleum Engineer		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	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.

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)

EXHIBIT

A

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 July 16, 2010

Submit one copy to appropriate  
District Office

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-015-29821</b>	Pool Code <b>97565</b>	Pool Name <b>NORTH SEVEN RIVERS GLORIETTA YESO</b>
Property Code	Property Name <b>WYATT DRAW "24/25" OG FEDERAL COM</b>	Well Number <b>1H</b>
OGRID No. <b>14744</b>	Operator Name <b>MEWBOURNE OIL COMPANY</b>	Elevation <b>3392'</b>

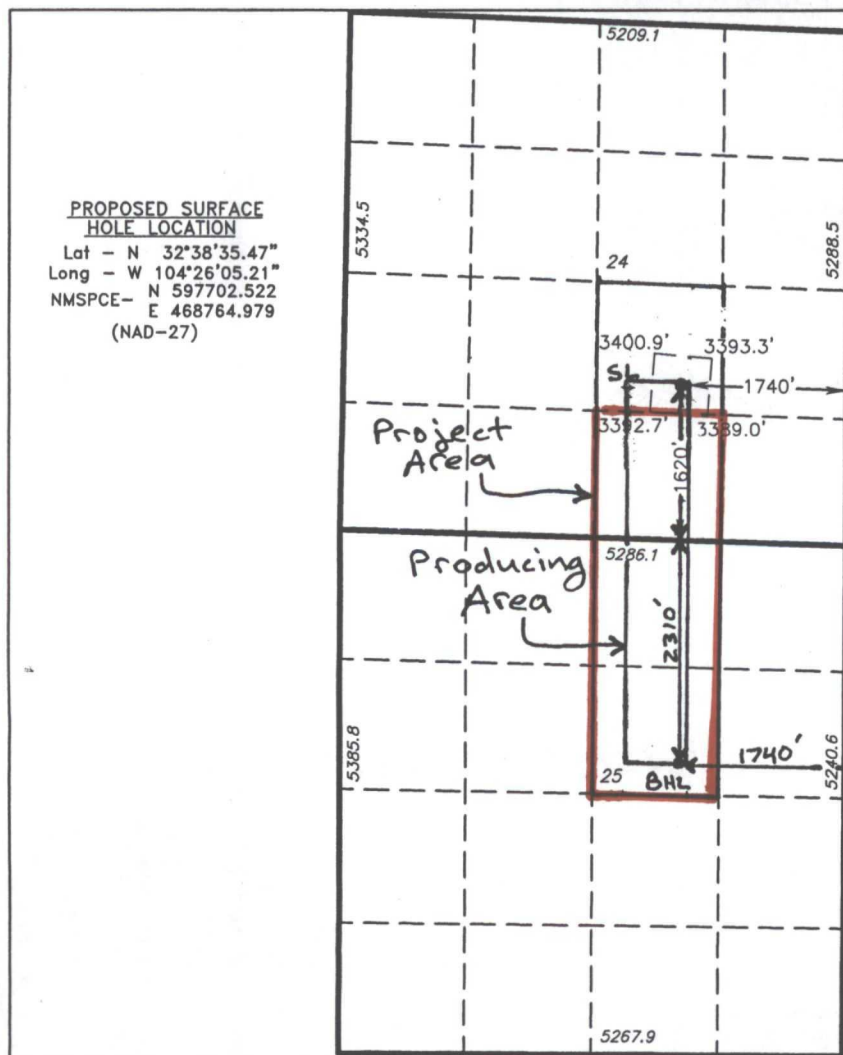
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	24	19 S	25 E		1620	SOUTH	1740	EAST	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
G	25	19 S	25 E		2310	North	1740	East	Eddy
Dedicated Acres <b>120</b>	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



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.

**Brett Bednarz** 10-4-11  
Signature Date

**Brett Bednarz**  
Printed Name

Email Address

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  
Signature of Professional Surveyor

Professional Surveyor

Certificate No. Gary L. Jones 7977

Basin Surveys 24944

# **Mewbourne Oil Co**

**Eddy County, New Mexico**

**Sec 24, T19S, R25E**

**Wyatt Draw 24-25 OG Federal Com #1H**

**Wellbore #1**

**Plan: Design #1**

## **DDC Well Planning Report**

**29 September, 2011**

EXHIBIT

**3**

# DDC

## Well Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Wyatt Draw 24-25 OG Federal Com #1H
Company:	Mewbourne Oil Co	TVD Reference:	WELL @ 3411.0usft (Patterson UTI #101)
Project:	Eddy County, New Mexico	MD Reference:	WELL @ 3411.0usft (Patterson UTI #101)
Site:	Sec 24, T19S, R25E	North Reference:	Grid
Well:	Wyatt Draw 24-25 OG Federal Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project:	Eddy County, 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 24, T19S, R25E		
Site Position:		Northing:	597,702.53 usft
From:	Map	Easting:	468,764.98 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 38' 35.324 N
		Longitude:	104° 26' 5.308 W
		Grid Convergence:	-0.05 °

Well	Wyatt Draw 24-25 OG Federal Com #1H					
Well Position	+N/-S	0.0 usft	Northing:	597,702.53 usft	Latitude:	32° 38' 35.324 N
	+E/-W	0.0 usft	Easting:	468,764.98 usft	Longitude:	104° 26' 5.308 W
Position Uncertainty		0.0 usft	Wellhead Elevation:		Ground Level:	3,392.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	9/28/2011	7.98	60.42	48,743

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	180.25

Plan Sections										
Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Dogleg Rate	Build Rate	Turn Rate	TFO	Target
(usft)	(°)	(°)	(usft)	(usft)	(usft)	(°/100usft)	(°/100usft)	(°/100usft)	(°)	
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,219.0	0.00	0.00	2,219.0	0.0	0.0	0.00	0.00	0.00	0.00	
3,121.0	90.20	180.25	2,792.0	-575.0	-2.5	10.00	10.00	-19.93	180.25	
6,476.4	90.20	180.25	2,780.0	-3,930.3	-17.2	0.00	0.00	0.00	0.00	PBHL Wyatt Draw 24-



**DDC**  
Well Planning Report

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Company:	Mewbourne Oil Co	TVD Reference:	WELL @ 3411.0usft (Patterson UTI #101)
Project:	Eddy County, New Mexico	MD Reference:	WELL @ 3411.0usft (Patterson UTI #101)
Site:	Sec 24, T19S, R25E	North Reference:	Grid
Well:	Wyatt Draw 24-25 OG 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)
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
Build 10°/100' @ 2219' MD									
2,219.0	0.00	0.00	2,219.0	0.0	0.0	0.0	0.00	0.00	0.00
2,250.0	3.10	180.25	2,250.0	-0.8	0.0	0.8	10.00	10.00	0.00
2,300.0	8.10	180.25	2,299.7	-5.7	0.0	5.7	10.00	10.00	0.00
2,350.0	13.10	180.25	2,348.9	-14.9	-0.1	14.9	10.00	10.00	0.00
2,400.0	18.10	180.25	2,397.0	-28.4	-0.1	28.4	10.00	10.00	0.00
2,450.0	23.10	180.25	2,443.8	-45.9	-0.2	45.9	10.00	10.00	0.00
2,500.0	28.10	180.25	2,488.9	-67.5	-0.3	67.5	10.00	10.00	0.00
2,550.0	33.10	180.25	2,531.9	-93.0	-0.4	93.0	10.00	10.00	0.00
2,600.0	38.10	180.25	2,572.5	-122.1	-0.5	122.1	10.00	10.00	0.00
2,650.0	43.10	180.25	2,610.5	-154.6	-0.7	154.6	10.00	10.00	0.00
2,700.0	48.10	180.25	2,645.5	-190.3	-0.8	190.3	10.00	10.00	0.00
2,750.0	53.10	180.25	2,677.2	-228.9	-1.0	228.9	10.00	10.00	0.00
2,800.0	58.10	180.25	2,705.4	-270.2	-1.2	270.2	10.00	10.00	0.00
2,850.0	63.10	180.25	2,730.0	-313.7	-1.4	313.7	10.00	10.00	0.00
2,900.0	68.10	180.25	2,750.6	-359.2	-1.6	359.3	10.00	10.00	0.00
2,950.0	73.10	180.25	2,767.2	-406.4	-1.8	406.4	10.00	10.00	0.00
3,000.0	78.10	180.25	2,779.6	-454.8	-2.0	454.8	10.00	10.00	0.00
3,050.0	83.10	180.25	2,787.8	-504.1	-2.2	504.1	10.00	10.00	0.00
3,100.0	88.10	180.25	2,791.6	-554.0	-2.4	554.0	10.00	10.00	0.00
EOB @ 3121' MD / 90.20° Inc / 180.25° Azm / 2792' TVD									
3,121.0	90.20	180.25	2,792.0	-575.0	-2.5	575.0	10.00	10.00	0.00
3,200.0	90.20	180.25	2,791.7	-654.0	-2.9	654.0	0.00	0.00	0.00
3,300.0	90.20	180.25	2,791.3	-753.9	-3.3	754.0	0.00	0.00	0.00
3,400.0	90.20	180.25	2,791.0	-853.9	-3.7	854.0	0.00	0.00	0.00
3,500.0	90.20	180.25	2,790.6	-953.9	-4.2	954.0	0.00	0.00	0.00
3,600.0	90.20	180.25	2,790.2	-1,053.9	-4.6	1,054.0	0.00	0.00	0.00
3,700.0	90.20	180.25	2,789.9	-1,153.9	-5.0	1,154.0	0.00	0.00	0.00
3,800.0	90.20	180.25	2,789.5	-1,253.9	-5.5	1,254.0	0.00	0.00	0.00
3,900.0	90.20	180.25	2,789.2	-1,353.9	-5.9	1,354.0	0.00	0.00	0.00
4,000.0	90.20	180.25	2,788.8	-1,453.9	-6.4	1,454.0	0.00	0.00	0.00



# DDC

## Well Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Wyatt Draw 24-25 OG Federal Com #1H
Company:	Mewbourne Oil Co.	TVD Reference:	WELL @ 3411.0usft (Patterson UTI #101)
Project:	Eddy County, New Mexico	MD Reference:	WELL @ 3411.0usft (Patterson UTI #101)
Site:	Sec 24, T19S, R25E	North Reference:	Grid
Well:	Wyatt Draw 24-25 OG 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)
4,100.0	90.20	180.25	2,788.5	-1,553.9	-6.8	1,554.0	0.00	0.00	0.00
4,200.0	90.20	180.25	2,788.1	-1,653.9	-7.2	1,654.0	0.00	0.00	0.00
4,300.0	90.20	180.25	2,787.8	-1,753.9	-7.7	1,754.0	0.00	0.00	0.00
4,400.0	90.20	180.25	2,787.4	-1,853.9	-8.1	1,853.9	0.00	0.00	0.00
4,500.0	90.20	180.25	2,787.0	-1,953.9	-8.5	1,953.9	0.00	0.00	0.00
4,600.0	90.20	180.25	2,786.7	-2,053.9	-9.0	2,053.9	0.00	0.00	0.00
4,700.0	90.20	180.25	2,786.3	-2,153.9	-9.4	2,153.9	0.00	0.00	0.00
4,800.0	90.20	180.25	2,786.0	-2,253.9	-9.9	2,253.9	0.00	0.00	0.00
4,900.0	90.20	180.25	2,785.6	-2,353.9	-10.3	2,353.9	0.00	0.00	0.00
5,000.0	90.20	180.25	2,785.3	-2,453.9	-10.7	2,453.9	0.00	0.00	0.00
5,100.0	90.20	180.25	2,784.9	-2,553.9	-11.2	2,553.9	0.00	0.00	0.00
5,200.0	90.20	180.25	2,784.5	-2,653.9	-11.6	2,653.9	0.00	0.00	0.00
5,300.0	90.20	180.25	2,784.2	-2,753.9	-12.0	2,753.9	0.00	0.00	0.00
5,400.0	90.20	180.25	2,783.8	-2,853.9	-12.5	2,853.9	0.00	0.00	0.00
5,500.0	90.20	180.25	2,783.5	-2,953.9	-12.9	2,953.9	0.00	0.00	0.00
5,600.0	90.20	180.25	2,783.1	-3,053.9	-13.3	3,053.9	0.00	0.00	0.00
5,700.0	90.20	180.25	2,782.8	-3,153.9	-13.8	3,153.9	0.00	0.00	0.00
5,800.0	90.20	180.25	2,782.4	-3,253.9	-14.2	3,253.9	0.00	0.00	0.00
5,900.0	90.20	180.25	2,782.1	-3,353.9	-14.7	3,353.9	0.00	0.00	0.00
6,000.0	90.20	180.25	2,781.7	-3,453.9	-15.1	3,453.9	0.00	0.00	0.00
6,100.0	90.20	180.25	2,781.3	-3,553.9	-15.5	3,553.9	0.00	0.00	0.00
6,200.0	90.20	180.25	2,781.0	-3,653.9	-16.0	3,653.9	0.00	0.00	0.00
6,300.0	90.20	180.25	2,780.6	-3,753.9	-16.4	3,753.9	0.00	0.00	0.00
6,400.0	90.20	180.25	2,780.3	-3,853.9	-16.8	3,853.9	0.00	0.00	0.00
TD @ 6476.4' MD / 2780' TVD									
6,476.4	90.20	180.25	2,780.0	-3,930.3	-17.2	3,930.4	0.00	0.00	0.00

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude		
PBHL Wyatt Draw 24-25	0.00	360.00	2,780.0	-3,930.3	-17.2	593,772.20	468,747.80	32° 37' 56.430 N		
- plan hits target center								104° 26' 5.465 W		
- Point										

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
2,219.0	2,219.0	0.0	0.0	Build 10°/100' @ 2219' MD	
3,121.0	2,792.0	-575.0	-2.5	EOB @ 3121' MD / 90.20° Inc / 180.25° Azm / 2792' TVD	
6,476.4	2,780.0	-3,930.3	-17.2	TD @ 6476.4' MD / 2780' TVD	

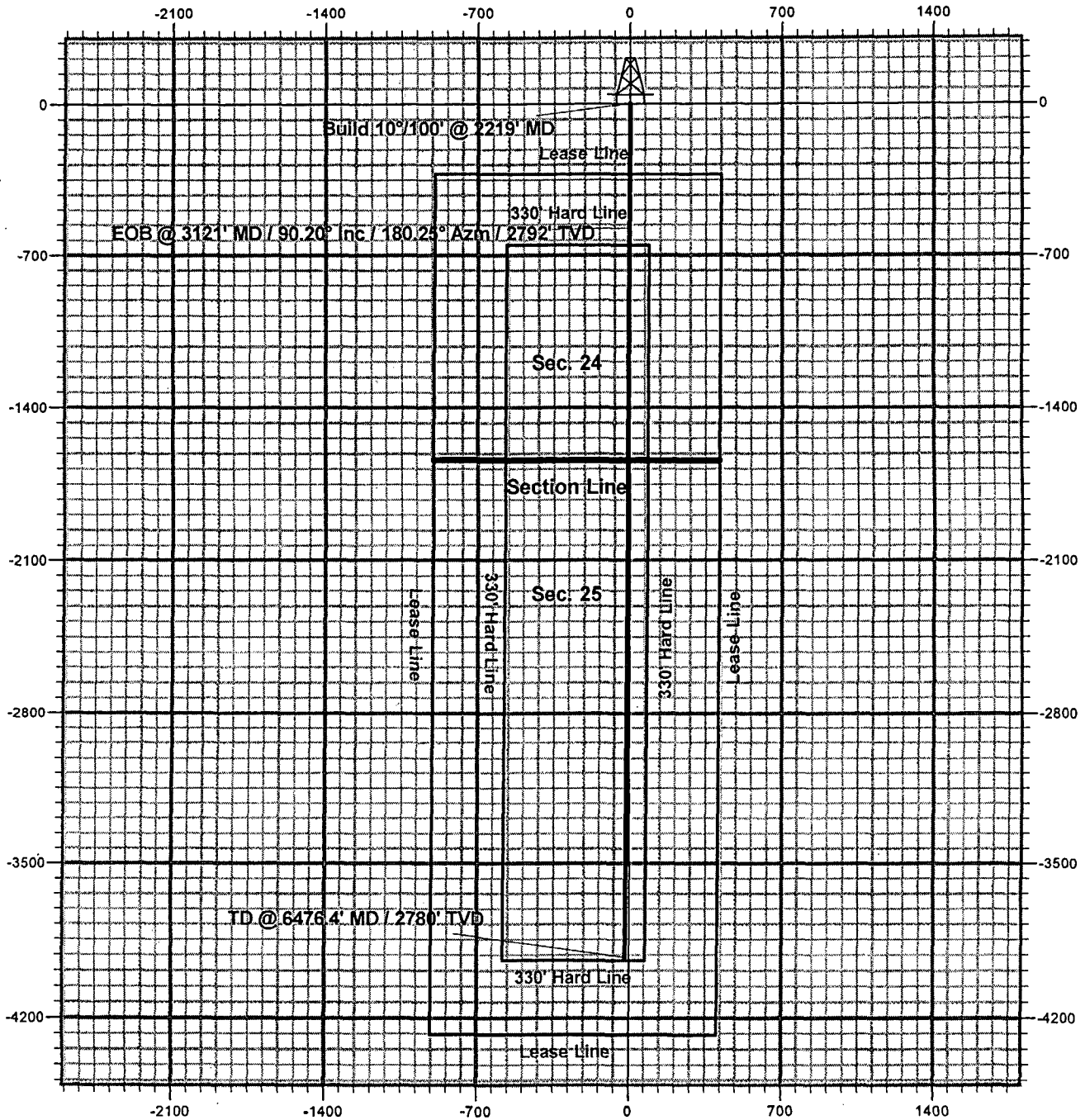
# MEWBOURNE OIL COMPANY

Eddy County, New Mexico

Sec 24, T19S, R25E

Wyatt Draw 24-25 OG Federal Com #1H

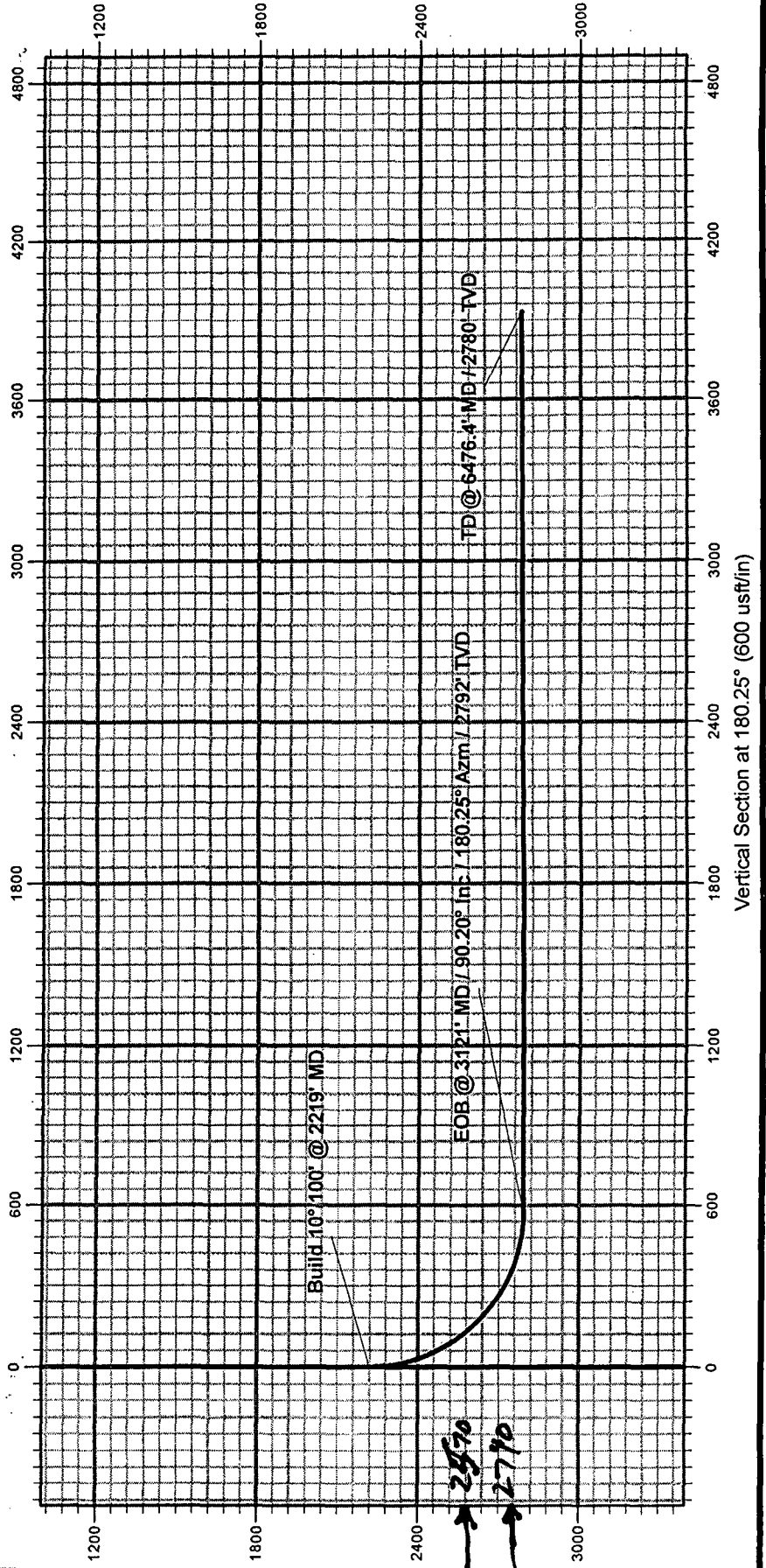
Quote 110661



# MEWBOURNE OIL COMPANY

Eddy County, New Mexico  
Sec 24, T19S, R25E

Wyatt Draw 24-25 OG Federal Com #1H  
Quote 110661



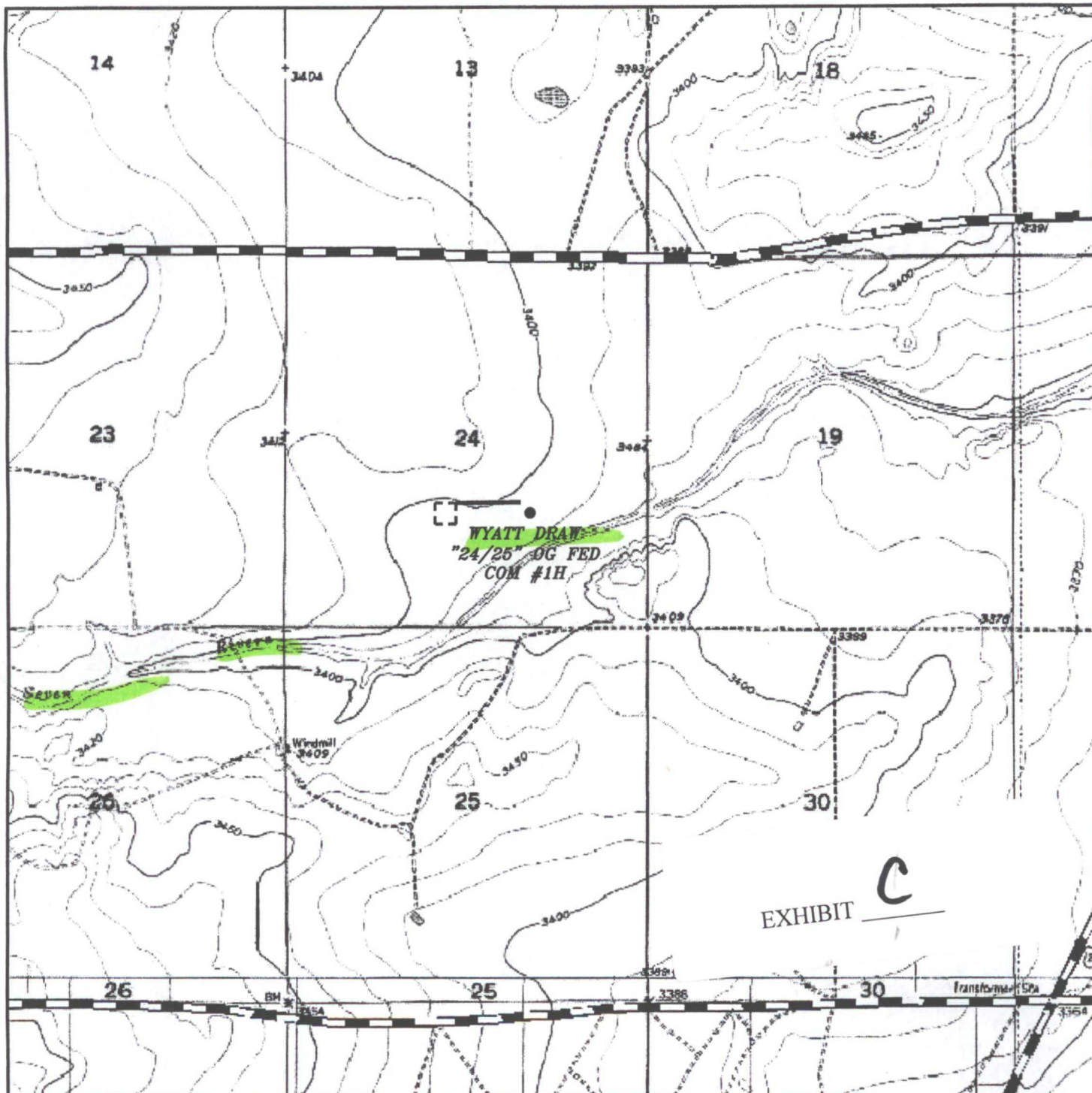


EXHIBIT **C**

**WYATT DRAW "24/25" OG FED. COM #1H**  
 Located 1620' FSL and 1740' FEL  
 Section 24, Township 19 South, Range 25 East,  
 N.M.P.M., Eddy County, New Mexico.

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**surveys**  
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 in the oilfield

P.O. Box 1786  
 1120 N. West County Rd.  
 Hobbs, New Mexico 88241  
 (575) 393-7316 - Office  
 (575) 392-2206 - Fax  
 basinsurveys.com

W.O. Number: KJG 24944

Survey Date: 07-15-2011

Scale: 1" = 2000'

Date: 08-01-2011

**MEWBOURNE**  
**OIL COMPANY**



