

Form 3160-3  
(August 2007)

## SECRETARY'S POTASH

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0137  
Expires July 31, 20105. Lease Serial No.  
NM 27279 & ~~LC 060402~~

6. If Indian, Allottee or Tribe Name

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

8. Lease Name and Well No.

Bradley "29" Fed Com #3H 37976

9. API Well No.

30-015-38660

10. Field and Pool, or Exploratory

Santo Nino Bone Spring 54600

11. Sec., T. R. M. or Blk. and Survey or Area

Sec 28, T18S - R30E

1a. Type of work: ☒ DRILL☐ REENTER1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator Mewbourne Oil Company

14744

3a. Address P.O. Box 5270, Hobbs, NM 88241

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

4. Location of Well (Report location clearly and in accordance with any State requirements.)

At surface 1620' FNL &amp; 25' FWL Unit E Sec 28 (E)

At proposed prod. zone 1650' FNL &amp; 330' FWL Unit E Sec 29

14. Distance in miles and direction from nearest town or post office\*

7 miles south of Loco Hills, NM

12. County or Parish

Eddy

13. State

NM

15. Distance from proposed\* location to nearest property or lease line, ft.  
(Also to nearest drig. unit line, if any)

25'

16. No. of acres in lease  
12017. Spacing Unit dedicated to this well  
160

18. Distance from proposed location\* to nearest well, drilling, completed, applied for, on this lease, ft.

57'

19. Proposed Depth  
12,947' MD20. BLM/BIA Bond No. on file  
NM1693, Nationwide

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

3410' GL

22. Approximate date work will start\*

ASAP

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

Charles L. Martin

Name (Printed/Typed)

Charles Martin

Date

01/04/2011

Title

Engineer

Approved by (Signature)

/s/ Jesse J. Juen

Name (Printed/Typed)

/s/ Jesse J. Juen

Date

MAR 15 2011

Title FOR

STATE DIRECTOR

Office

NM STATE 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.

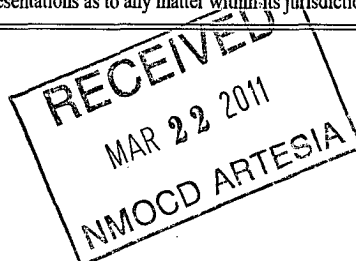
APPROVAL FOR TWO YEARS

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.

(Continued on page 2)

\*(Instructions on page 2)

CAPITAN CONTROLLED WATER BASIN

SEE ATTACHED FOR  
CONDITIONS OF APPROVALAPPROVAL SUBJECT TO  
GENERAL REQUIREMENTS  
AND SPECIAL STIPULATIONSOCD CONDITION OF APPROVAL for Drilling:  
Intent to drill ONLY -- CANNOT produce until the Non-Standard  
Location has been approved by OCD Santa Fe office.

**United States Department of the Interior  
Bureau of Land Management  
Roswell Field Office  
2909 West Second Street  
Roswell, New Mexico 88201-1287**

**Statement Accepting Responsibility for Operations**

Operator Name: Mewbourne Oil Company  
Street or Box: P.O. Box 5270  
City, State: Hobbs, New Mexico  
Zip Code: 88241

The undersigned accepts all applicable terms, conditions, stipulations, and restrictions concerning operations conducted of the leased land or portion thereof, as described below.

Lease Number: Lease Number #NM-27279 & ~~LC-068402~~

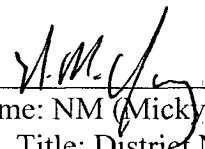
Legal Description of Land: Section 28, T-18S, R-30E Eddy County, New Mexico.  
Location @ 1620' FNL & 25' FWL.

Formation (if applicable): Bone Springs

Bond Coverage: \$150,000

BLM Bond File: NM1693, Nationwide

Authorized Signature: \_\_\_\_\_

  
Name: NM (Micky) Young  
Title: District Manager  
Date: 1/5/11

**Drilling Program**  
**Mewbourne Oil Company**  
Bradley "29" Federal Com #3H  
1620' FNL & 25' FWL (SHL)  
Sec 28-T18S-R30E  
Eddy County, New Mexico

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

|               |       |
|---------------|-------|
| Rustler       | 400'  |
| Top Salt      | 500'  |
| Base Salt     | 1250' |
| Yates         | 1400' |
| *Queen        | 2515' |
| *Delaware     | 3810' |
| *Bone Springs | 4850' |

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

|              |                                                                                                                |
|--------------|----------------------------------------------------------------------------------------------------------------|
| Water        | Fresh water will be protected by setting surface casing at 330' 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:**

3000 A 2000# WP Annular will be installed after running 13 3/8" casing. A 3000# WP Double Ram BOP and 2000# WP Annular will be installed after running 7" & 9 5/8" 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. BOPE 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 7" & 9 5/8" BOPE to 3000# and the Annular to 1500# with a third party testing company before drilling below each shoe, but will test again, if needed, in 30 days from the 1<sup>st</sup> test as per BLM Onshore Oil and Gas Order #2.

4. MOC proposes to drill a vertical wellbore to 7643' & kick off to horizontal @ 8216' TVD. The well will be drilled to 12947' MD (8166' TVD). See attached directional plan.

**5. Proposed casing and cementing program:**

**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'-330'         | ST&C           |
| 12 1/4"          | 9 5/8" (new)  | 36#           | J55          | 0'-1500'        | LT&C           |
| 8 3/4"           | 7" (new)      | 26#           | P110         | 0'-7640' MD     | LT&C           |
| 8 3/4"           | 7" (new)      | 26#           | P110         | 7640'-8540' MD  | BT&C           |
| 6 1/8"           | 4 1/2" (new)  | 11.6#         | P110         | 8340'-12947' MD | LT&C           |

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

WOC Subject to availability of casing.

## B. Cementing Program:

- i. *See COA* Surface Casing: 220 sks Class C cement containing 2% CaCl<sub>2</sub>. Yield at 1.34 cuft/sk. Cmt circulated to surface.
- ii. *See COA* Intermediate Casing: 200sacks Class C light cement with additives. Yield at 2.12 cuft/sk. 200 sacks Class C cement Containing FLA. Yield at 1.18 cuft/sk Cmt circulated to surface.
- iii. Production Casing: 600 sacks Class H light cement with additives. Yield at 2.12 cuft/sk. 400 sacks Class H cement Containing FLA. Yield at 1.18 cuft/sk Cmt circulated to surface. This casing string will provide lease line isolation.
- iv. Production Liner: This will be a Packer/Port completion from TD up inside 7" casing with packer type liner hanger.

*Operator shall provide excess cement percentages on future APDs.*

*See COA* \*Mewbourne Oil Company reserves the right to change cement designs as hole conditions may warrant.

## 6. Mud Program:

| Interval   | Type System  | Weight    | Viscosity | Fluid Loss |
|------------|--------------|-----------|-----------|------------|
| 0'-330'    | FW spud mud  | 8.6-9.0   | 32-34     | NA         |
| 330'-1500' | Brine water  | 10.0-10.2 | 28-30     | NA         |
| 1500'- TD  | FW w/Polymer | 8.5-8.7   | 32-35     | 15         |

## 7. Evaluation Program: *See COA*

Samples: 10' samples from surface casing to TD

Logging: Gyro from KOP -100' (7540') to surface. GR from 7540' to TD. See logs for Bradley "28" Fed #2H located approx 57' northeast of this wellbore for surface to KOP evaluation.

## 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

## 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 10 days involved in completion operations on the project.

# **Mewbourne Oil Co**

**Eddy, New Mexico**

**Sec 29-18S-30E**

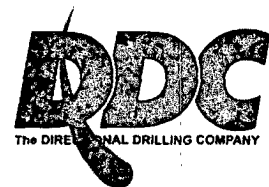
**Bradley 29 Fed Com #3H**

**Wellbore #1**

**Plan: Design #1**

## **DDC Well Planning Report**

**30 December, 2010**



# DDC Well Planning Report



|                  |                           |                                     |                                       |
|------------------|---------------------------|-------------------------------------|---------------------------------------|
| <b>Database:</b> | EDM 5000.1 Single User Db | <b>Local Co-ordinate Reference:</b> | Well Bradley 29 Fed Com #3H           |
| <b>Company:</b>  | Mewbourne Oil Co          | <b>TVD Reference:</b>               | WELL @ 3431.0usft (Patterson UTI #46) |
| <b>Project:</b>  | Eddy, New Mexico          | <b>MD Reference:</b>                | WELL @ 3431.0usft (Patterson UTI #46) |
| <b>Site:</b>     | Sec 29-18S-30E            | <b>North Reference:</b>             | Grid                                  |
| <b>Well:</b>     | Bradley 29 Fed Com #3H    | <b>Survey Calculation Method:</b>   | Minimum Curvature                     |
| <b>Wellbore:</b> | Wellbore #1               |                                     |                                       |
| <b>Design:</b>   | Design #1                 |                                     |                                       |

|                    |                                      |                      |                |
|--------------------|--------------------------------------|----------------------|----------------|
| <b>Project</b>     | Eddy, New Mexico                     |                      |                |
| <b>Map System:</b> | US State Plane 1927 (Exact solution) | <b>System Datum:</b> | Mean Sea Level |
| <b>Geo Datum:</b>  | NAD 1927 (NADCON CONUS)              |                      |                |
| <b>Map Zone:</b>   | New Mexico East 3001                 |                      |                |

|                              |                |                          |                  |
|------------------------------|----------------|--------------------------|------------------|
| <b>Site</b>                  | Sec 29-18S-30E |                          |                  |
| <b>Site Position:</b>        |                | <b>Northing:</b>         | 626,239.39 usft  |
| <b>From:</b>                 | Map            | <b>Easting:</b>          | 607,141.79 usft  |
| <b>Position Uncertainty:</b> | 0.0 usft       | <b>Slot Radius:</b>      | 13-3/16 "        |
|                              |                | <b>Latitude:</b>         | 32° 43' 16.120 N |
|                              |                | <b>Longitude:</b>        | 103° 59' 5.840 W |
|                              |                | <b>Grid Convergence:</b> | 0.19 °           |

|                             |                        |                            |                                   |
|-----------------------------|------------------------|----------------------------|-----------------------------------|
| <b>Well</b>                 | Bradley 29 Fed Com #3H |                            |                                   |
| <b>Well Position</b>        | +N/-S                  | 0.0 usft                   | <b>Northing:</b> 626,239.39 usft  |
|                             | +E/-W                  | 0.0 usft                   | <b>Easting:</b> 607,141.79 usft   |
| <b>Position Uncertainty</b> | 0.0 usft               | <b>Wellhead Elevation:</b> | <b>Ground Level:</b> 3,410.0 usft |

|                  |                   |                    |                       |
|------------------|-------------------|--------------------|-----------------------|
| <b>Wellbore</b>  | Wellbore #1       |                    |                       |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination</b>    |
|                  | IGRF2010          | 12/29/2010         | (°)                   |
|                  |                   |                    | 7.87                  |
|                  |                   |                    | <b>Dip Angle</b>      |
|                  |                   |                    | (°)                   |
|                  |                   |                    | 60.59                 |
|                  |                   |                    | <b>Field Strength</b> |
|                  |                   |                    | (nT)                  |
|                  |                   |                    | 48,916                |

|                          |                         |              |                          |
|--------------------------|-------------------------|--------------|--------------------------|
| <b>Design</b>            | Design #1               |              |                          |
| <b>Audit Notes:</b>      |                         |              |                          |
| <b>Version:</b>          | <b>Phase:</b>           | PLAN         | <b>Tie On Depth:</b> 0.0 |
| <b>Vertical Section:</b> | <b>Depth From (TVD)</b> | <b>+N/-S</b> | <b>+E/-W</b>             |
|                          | (usft)                  | (usft)       | (usft)                   |
|                          | 0.0                     | 0.0          | 0.0                      |
|                          |                         |              | <b>Direction</b>         |
|                          |                         |              | (°)                      |
|                          |                         |              | 268.73                   |

|                       |                    |                |                       |              |              |                    |                   |                  |            |                   |
|-----------------------|--------------------|----------------|-----------------------|--------------|--------------|--------------------|-------------------|------------------|------------|-------------------|
| <b>Plan Sections</b>  |                    |                |                       |              |              |                    |                   |                  |            |                   |
| <b>Measured Depth</b> | <b>Inclination</b> | <b>Azimuth</b> | <b>Vertical Depth</b> | <b>+N/-S</b> | <b>+E/-W</b> | <b>Dogleg Rate</b> | <b>Build Rate</b> | <b>Turn Rate</b> | <b>TFO</b> | <b>Target</b>     |
| (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       |                   |
| 7,643.1               | 0.00               | 0.00           | 7,643.1               | 0.0          | 0.0          | 0.00               | 0.00              | 0.00             | 0.00       |                   |
| 8,549.6               | 90.65              | 268.73         | 8,216.0               | -12.9        | -579.3       | 10.00              | 10.00             | -10.07           | 268.73     |                   |
| 12,946.3              | 90.65              | 268.73         | 8,166.0               | -110.6       | -4,974.7     | 0.00               | 0.00              | 0.00             | 0.00       | PBHL Bradley 29 F |

# DDC Well Planning Report



|                  |                           |                                     |                                       |
|------------------|---------------------------|-------------------------------------|---------------------------------------|
| <b>Database:</b> | EDM 5000.1 Single User Db | <b>Local Co-ordinate Reference:</b> | Well Bradley 29 Fed Com #3H           |
| <b>Company:</b>  | Mewbourne Oil Co          | <b>TVD Reference:</b>               | WELL @ 3431.0usft (Patterson UTI #46) |
| <b>Project:</b>  | Eddy, New Mexico          | <b>MD Reference:</b>                | WELL @ 3431.0usft (Patterson UTI #46) |
| <b>Site:</b>     | Sec 29-18S-30E            | <b>North Reference:</b>             | Grid                                  |
| <b>Well:</b>     | Bradley 29 Fed Com #3H    | <b>Survey Calculation Method:</b>   | Minimum Curvature                     |
| <b>Wellbore:</b> | Wellbore #1               |                                     |                                       |
| <b>Design:</b>   | 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                  |
| 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                  |

# DDC Well Planning Report



|                  |                           |                                     |                                       |
|------------------|---------------------------|-------------------------------------|---------------------------------------|
| <b>Database:</b> | EDM 5000.1 Single User Db | <b>Local Co-ordinate Reference:</b> | Well Bradley 29 Fed Com #3H           |
| <b>Company:</b>  | Mewbourne Oil Co          | <b>TVD Reference:</b>               | WELL @ 3431.0usft (Patterson UTI #46) |
| <b>Project:</b>  | Eddy, New Mexico          | <b>MD Reference:</b>                | WELL @ 3431.0usft (Patterson UTI #46) |
| <b>Site:</b>     | Sec 29-18S-30E            | <b>North Reference:</b>             | Grid                                  |
| <b>Well:</b>     | Bradley 29 Fed Com #3H    | <b>Survey Calculation Method:</b>   | Minimum Curvature                     |
| <b>Wellbore:</b> | Wellbore #1               |                                     |                                       |
| <b>Design:</b>   | 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) |
| 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                  |
| <b>Build 10°/100' @ 7643' MD</b>                             |                 |             |                       |              |              |                         |                         |                        |                       |
| 7,643.1                                                      | 0.00            | 0.00        | 7,643.1               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 7,700.0                                                      | 5.69            | 268.73      | 7,699.9               | -0.1         | -2.8         | 2.8                     | 10.00                   | 10.00                  | 0.00                  |
| 7,800.0                                                      | 15.69           | 268.73      | 7,798.0               | -0.5         | -21.3        | 21.3                    | 10.00                   | 10.00                  | 0.00                  |
| 7,900.0                                                      | 25.69           | 268.73      | 7,891.5               | -1.3         | -56.6        | 56.6                    | 10.00                   | 10.00                  | 0.00                  |
| 8,000.0                                                      | 35.69           | 268.73      | 7,977.4               | -2.4         | -107.6       | 107.6                   | 10.00                   | 10.00                  | 0.00                  |
| 8,100.0                                                      | 45.69           | 268.73      | 8,053.1               | -3.8         | -172.7       | 172.7                   | 10.00                   | 10.00                  | 0.00                  |
| 8,200.0                                                      | 55.69           | 268.73      | 8,116.4               | -5.6         | -249.9       | 250.0                   | 10.00                   | 10.00                  | 0.00                  |
| 8,300.0                                                      | 65.69           | 268.73      | 8,165.3               | -7.5         | -337.0       | 337.1                   | 10.00                   | 10.00                  | 0.00                  |
| 8,400.0                                                      | 75.69           | 268.73      | 8,198.3               | -9.6         | -431.2       | 431.3                   | 10.00                   | 10.00                  | 0.00                  |
| 8,500.0                                                      | 85.69           | 268.73      | 8,214.4               | -11.8        | -529.8       | 529.9                   | 10.00                   | 10.00                  | 0.00                  |
| <b>EOB @ 8547' MD / 90.65° Inc / 268.73° Azm / 8216' TVD</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 8,549.6                                                      | 90.65           | 268.73      | 8,216.0               | -12.9        | -579.3       | 579.5                   | 10.00                   | 10.00                  | 0.00                  |
| 8,600.0                                                      | 90.65           | 268.73      | 8,215.4               | -14.0        | -629.7       | 629.9                   | 0.00                    | 0.00                   | 0.00                  |
| 8,700.0                                                      | 90.65           | 268.73      | 8,214.3               | -16.2        | -729.7       | 729.8                   | 0.00                    | 0.00                   | 0.00                  |
| 8,800.0                                                      | 90.65           | 268.73      | 8,213.2               | -18.4        | -829.6       | 829.8                   | 0.00                    | 0.00                   | 0.00                  |
| 8,900.0                                                      | 90.65           | 268.73      | 8,212.0               | -20.7        | -929.6       | 929.8                   | 0.00                    | 0.00                   | 0.00                  |
| 9,000.0                                                      | 90.65           | 268.73      | 8,210.9               | -22.9        | -1,029.6     | 1,029.8                 | 0.00                    | 0.00                   | 0.00                  |
| 9,100.0                                                      | 90.65           | 268.73      | 8,209.8               | -25.1        | -1,129.5     | 1,129.8                 | 0.00                    | 0.00                   | 0.00                  |
| 9,200.0                                                      | 90.65           | 268.73      | 8,208.6               | -27.3        | -1,229.5     | 1,229.8                 | 0.00                    | 0.00                   | 0.00                  |
| 9,300.0                                                      | 90.65           | 268.73      | 8,207.5               | -29.6        | -1,329.5     | 1,329.8                 | 0.00                    | 0.00                   | 0.00                  |
| 9,400.0                                                      | 90.65           | 268.73      | 8,206.3               | -31.8        | -1,429.4     | 1,429.8                 | 0.00                    | 0.00                   | 0.00                  |
| 9,500.0                                                      | 90.65           | 268.73      | 8,205.2               | -34.0        | -1,529.4     | 1,529.8                 | 0.00                    | 0.00                   | 0.00                  |
| 9,600.0                                                      | 90.65           | 268.73      | 8,204.1               | -36.2        | -1,629.4     | 1,629.8                 | 0.00                    | 0.00                   | 0.00                  |
| 9,700.0                                                      | 90.65           | 268.73      | 8,202.9               | -38.4        | -1,729.4     | 1,729.8                 | 0.00                    | 0.00                   | 0.00                  |
| 9,800.0                                                      | 90.65           | 268.73      | 8,201.8               | -40.7        | -1,829.3     | 1,829.8                 | 0.00                    | 0.00                   | 0.00                  |
| 9,900.0                                                      | 90.65           | 268.73      | 8,200.7               | -42.9        | -1,929.3     | 1,929.8                 | 0.00                    | 0.00                   | 0.00                  |
| 10,000.0                                                     | 90.65           | 268.73      | 8,199.5               | -45.1        | -2,029.3     | 2,029.8                 | 0.00                    | 0.00                   | 0.00                  |
| 10,100.0                                                     | 90.65           | 268.73      | 8,198.4               | -47.3        | -2,129.2     | 2,129.8                 | 0.00                    | 0.00                   | 0.00                  |
| 10,200.0                                                     | 90.65           | 268.73      | 8,197.2               | -49.6        | -2,229.2     | 2,229.8                 | 0.00                    | 0.00                   | 0.00                  |

# DDC Well Planning Report



|                  |                           |                                     |                                       |
|------------------|---------------------------|-------------------------------------|---------------------------------------|
| <b>Database:</b> | EDM 5000.1 Single User Db | <b>Local Co-ordinate Reference:</b> | Well Bradley 29 Fed Com #3H           |
| <b>Company:</b>  | Mewbourne Oil Co          | <b>TVD Reference:</b>               | WELL @ 3431.0usft (Patterson UTI #46) |
| <b>Project:</b>  | Eddy, New Mexico          | <b>MD Reference:</b>                | WELL @ 3431.0usft (Patterson UTI #46) |
| <b>Site:</b>     | Sec 29-18S-30E            | <b>North Reference:</b>             | Grid                                  |
| <b>Well:</b>     | Bradley 29 Fed Com #3H    | <b>Survey Calculation Method:</b>   | Minimum Curvature                     |
| <b>Wellbore:</b> | Wellbore #1               |                                     |                                       |
| <b>Design:</b>   | 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) |
|-----------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 10,300.0                          | 90.65           | 268.73      | 8,196.1               | -51.8        | -2,329.2     | 2,329.7                 | 0.00                    | 0.00                   | 0.00                  |
| 10,400.0                          | 90.65           | 268.73      | 8,195.0               | -54.0        | -2,429.1     | 2,429.7                 | 0.00                    | 0.00                   | 0.00                  |
| 10,500.0                          | 90.65           | 268.73      | 8,193.8               | -56.2        | -2,529.1     | 2,529.7                 | 0.00                    | 0.00                   | 0.00                  |
| 10,600.0                          | 90.65           | 268.73      | 8,192.7               | -58.4        | -2,629.1     | 2,629.7                 | 0.00                    | 0.00                   | 0.00                  |
| 10,700.0                          | 90.65           | 268.73      | 8,191.6               | -60.7        | -2,729.0     | 2,729.7                 | 0.00                    | 0.00                   | 0.00                  |
| 10,800.0                          | 90.65           | 268.73      | 8,190.4               | -62.9        | -2,829.0     | 2,829.7                 | 0.00                    | 0.00                   | 0.00                  |
| 10,900.0                          | 90.65           | 268.73      | 8,189.3               | -65.1        | -2,929.0     | 2,929.7                 | 0.00                    | 0.00                   | 0.00                  |
| 11,000.0                          | 90.65           | 268.73      | 8,188.1               | -67.3        | -3,029.0     | 3,029.7                 | 0.00                    | 0.00                   | 0.00                  |
| 11,100.0                          | 90.65           | 268.73      | 8,187.0               | -69.6        | -3,128.9     | 3,129.7                 | 0.00                    | 0.00                   | 0.00                  |
| 11,200.0                          | 90.65           | 268.73      | 8,185.9               | -71.8        | -3,228.9     | 3,229.7                 | 0.00                    | 0.00                   | 0.00                  |
| 11,300.0                          | 90.65           | 268.73      | 8,184.7               | -74.0        | -3,328.9     | 3,329.7                 | 0.00                    | 0.00                   | 0.00                  |
| 11,400.0                          | 90.65           | 268.73      | 8,183.6               | -76.2        | -3,428.8     | 3,429.7                 | 0.00                    | 0.00                   | 0.00                  |
| 11,500.0                          | 90.65           | 268.73      | 8,182.5               | -78.4        | -3,528.8     | 3,529.7                 | 0.00                    | 0.00                   | 0.00                  |
| 11,600.0                          | 90.65           | 268.73      | 8,181.3               | -80.7        | -3,628.8     | 3,629.7                 | 0.00                    | 0.00                   | 0.00                  |
| 11,700.0                          | 90.65           | 268.73      | 8,180.2               | -82.9        | -3,728.7     | 3,729.7                 | 0.00                    | 0.00                   | 0.00                  |
| 11,800.0                          | 90.65           | 268.73      | 8,179.0               | -85.1        | -3,828.7     | 3,829.6                 | 0.00                    | 0.00                   | 0.00                  |
| 11,900.0                          | 90.65           | 268.73      | 8,177.9               | -87.3        | -3,928.7     | 3,929.6                 | 0.00                    | 0.00                   | 0.00                  |
| 12,000.0                          | 90.65           | 268.73      | 8,176.8               | -89.6        | -4,028.6     | 4,029.6                 | 0.00                    | 0.00                   | 0.00                  |
| 12,100.0                          | 90.65           | 268.73      | 8,175.6               | -91.8        | -4,128.6     | 4,129.6                 | 0.00                    | 0.00                   | 0.00                  |
| 12,200.0                          | 90.65           | 268.73      | 8,174.5               | -94.0        | -4,228.6     | 4,229.6                 | 0.00                    | 0.00                   | 0.00                  |
| 12,300.0                          | 90.65           | 268.73      | 8,173.4               | -96.2        | -4,328.5     | 4,329.6                 | 0.00                    | 0.00                   | 0.00                  |
| 12,400.0                          | 90.65           | 268.73      | 8,172.2               | -98.4        | -4,428.5     | 4,429.6                 | 0.00                    | 0.00                   | 0.00                  |
| 12,500.0                          | 90.65           | 268.73      | 8,171.1               | -100.7       | -4,528.5     | 4,529.6                 | 0.00                    | 0.00                   | 0.00                  |
| 12,600.0                          | 90.65           | 268.73      | 8,169.9               | -102.9       | -4,628.5     | 4,629.6                 | 0.00                    | 0.00                   | 0.00                  |
| 12,700.0                          | 90.65           | 268.73      | 8,168.8               | -105.1       | -4,728.4     | 4,729.6                 | 0.00                    | 0.00                   | 0.00                  |
| 12,800.0                          | 90.65           | 268.73      | 8,167.7               | -107.3       | -4,828.4     | 4,829.6                 | 0.00                    | 0.00                   | 0.00                  |
| 12,900.0                          | 90.65           | 268.73      | 8,166.5               | -109.6       | -4,928.4     | 4,929.6                 | 0.00                    | 0.00                   | 0.00                  |
| <b>TD @ 12946' MD / 8166' TVD</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 12,946.3                          | 90.65           | 268.73      | 8,166.0               | -110.6       | -4,974.7     | 4,975.9                 | 0.00                    | 0.00                   | 0.00                  |

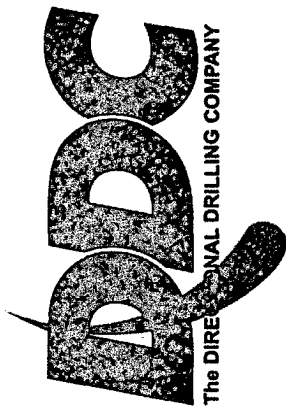
## Design Targets

| Target Name               | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude         | Longitude       |
|---------------------------|---------------|--------------|------------|--------------|--------------|-----------------|----------------|------------------|-----------------|
| PBHL Bradley 29 Fed       | 0.00          | 0.00         | 8,166.0    | -110.6       | -4,974.7     | 626,128.80      | 602,167.10     | 32° 43' 15.184 N | 104° 0' 4.075 W |
| - hit/miss target         |               |              |            |              |              |                 |                |                  |                 |
| - Shape                   |               |              |            |              |              |                 |                |                  |                 |
| - plan hits target center |               |              |            |              |              |                 |                |                  |                 |
| - Point                   |               |              |            |              |              |                 |                |                  |                 |

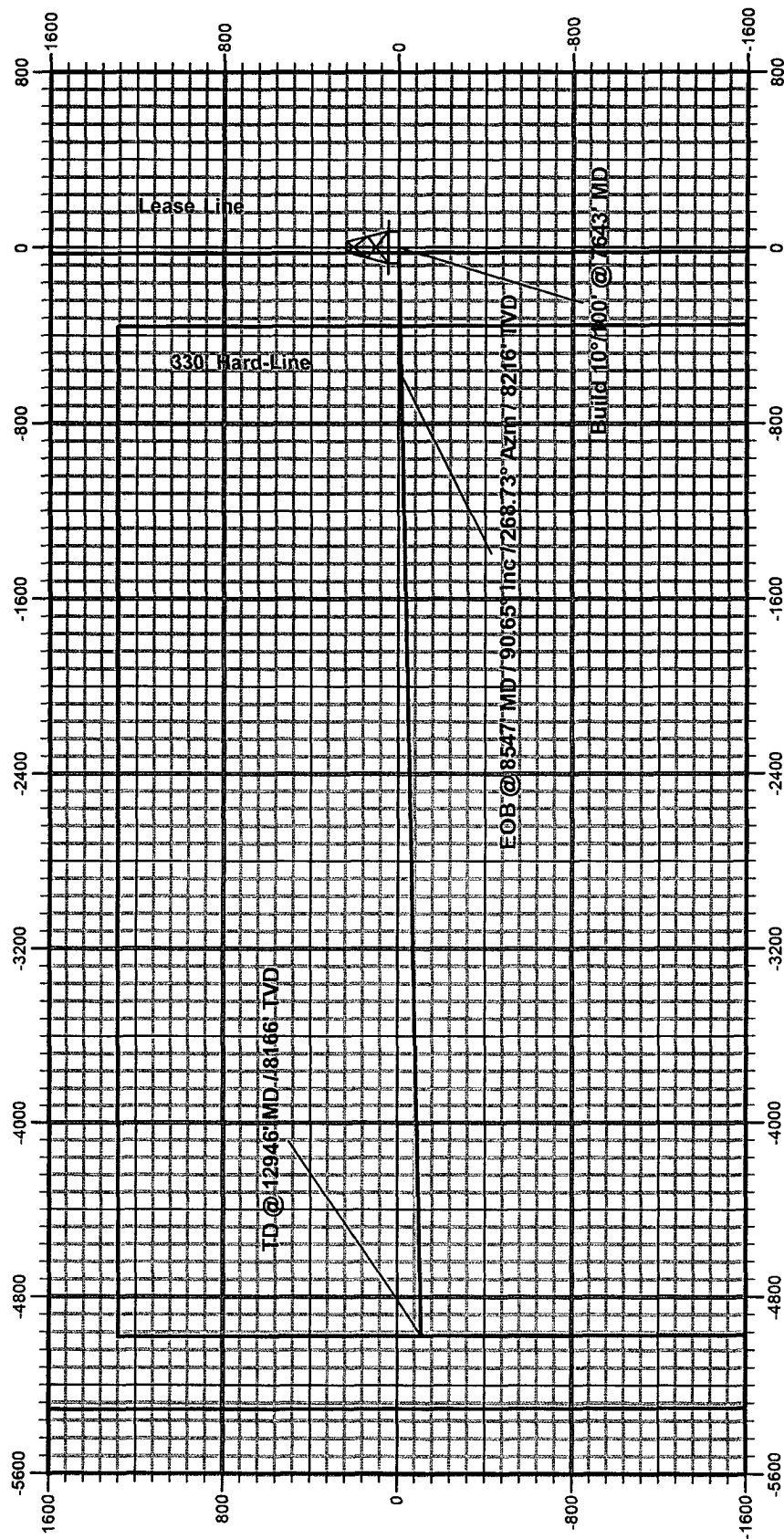
## Plan Annotations

| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates |              | Comment                                               |
|-----------------------|-----------------------|-------------------|--------------|-------------------------------------------------------|
|                       |                       | +N/-S (usft)      | +E/-W (usft) |                                                       |
| 7,643.1               | 7,643.1               | 0.0               | 0.0          | Build 10°/100' @ 7643' MD                             |
| 8,549.6               | 8,216.0               | -12.9             | -579.3       | EOB @ 8547' MD / 90.65° Inc / 268.73° Azm / 8216' TVD |
| 12,946.3              | 8,166.0               | -110.6            | -4,974.7     | TD @ 12946' MD / 8166' TVD                            |

# Mewbourne Oil Company

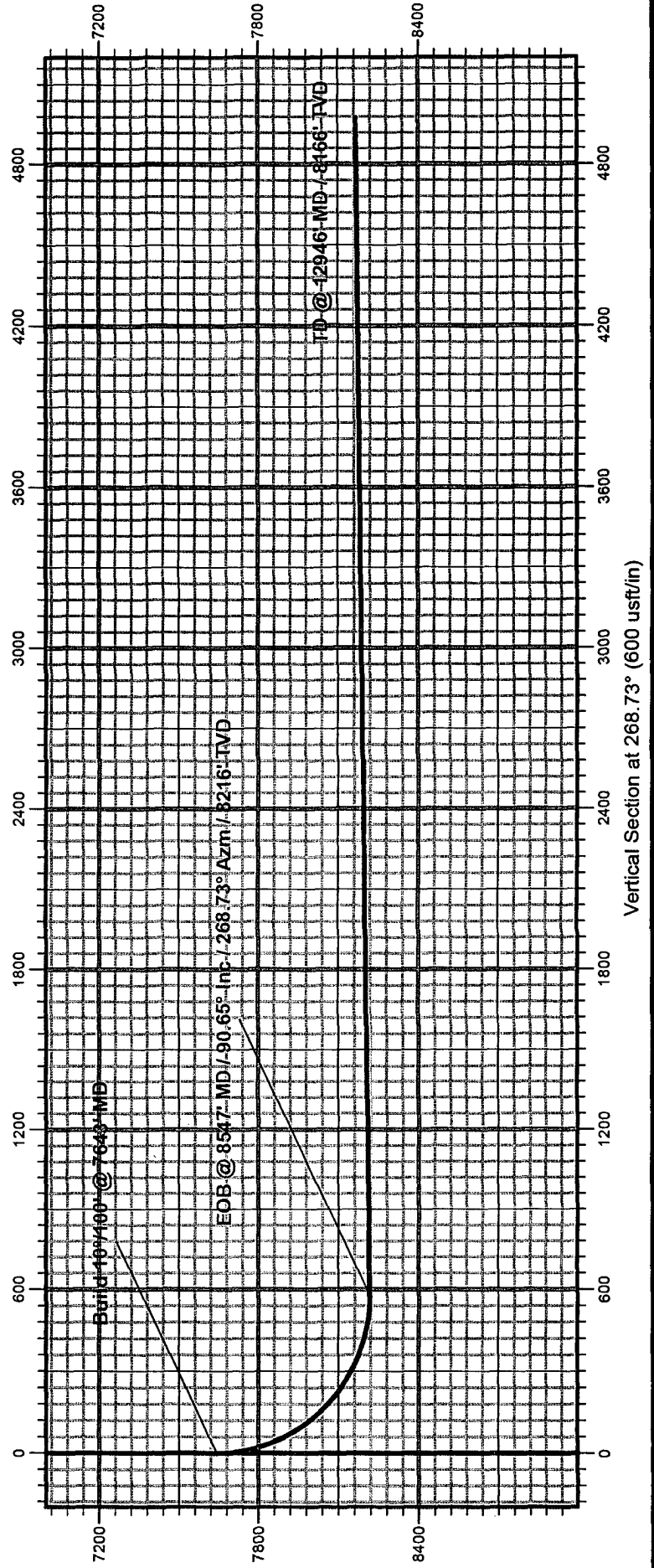


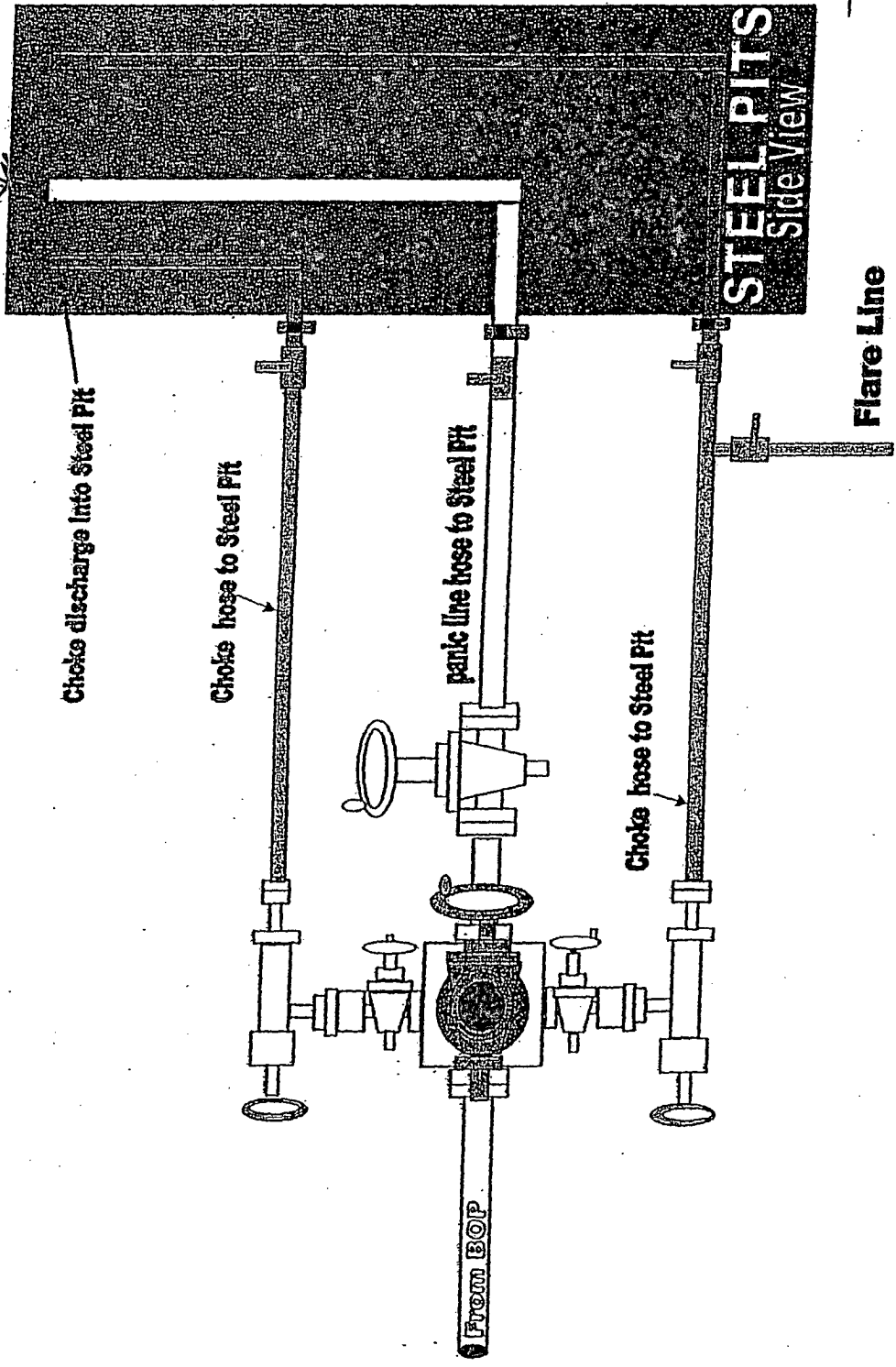
Eddy, New Mexico  
Bradley 29 Fed Com #3H  
Quote 100890



# Mewbourne Oil Company

Eddy, New Mexico  
Bradley 29 Fed Com #3H  
Quote 100890





cannot route to steel pit next to rig

system not adequate for H<sub>2</sub>S encounters

Operator shall be prepared to install mud/gas separator

2000#/3000# BOP manifold system

For Exhibit 2 + 2A

Mewbourne Oil Company  
BOP Schematic for  
12 1/4" Hole

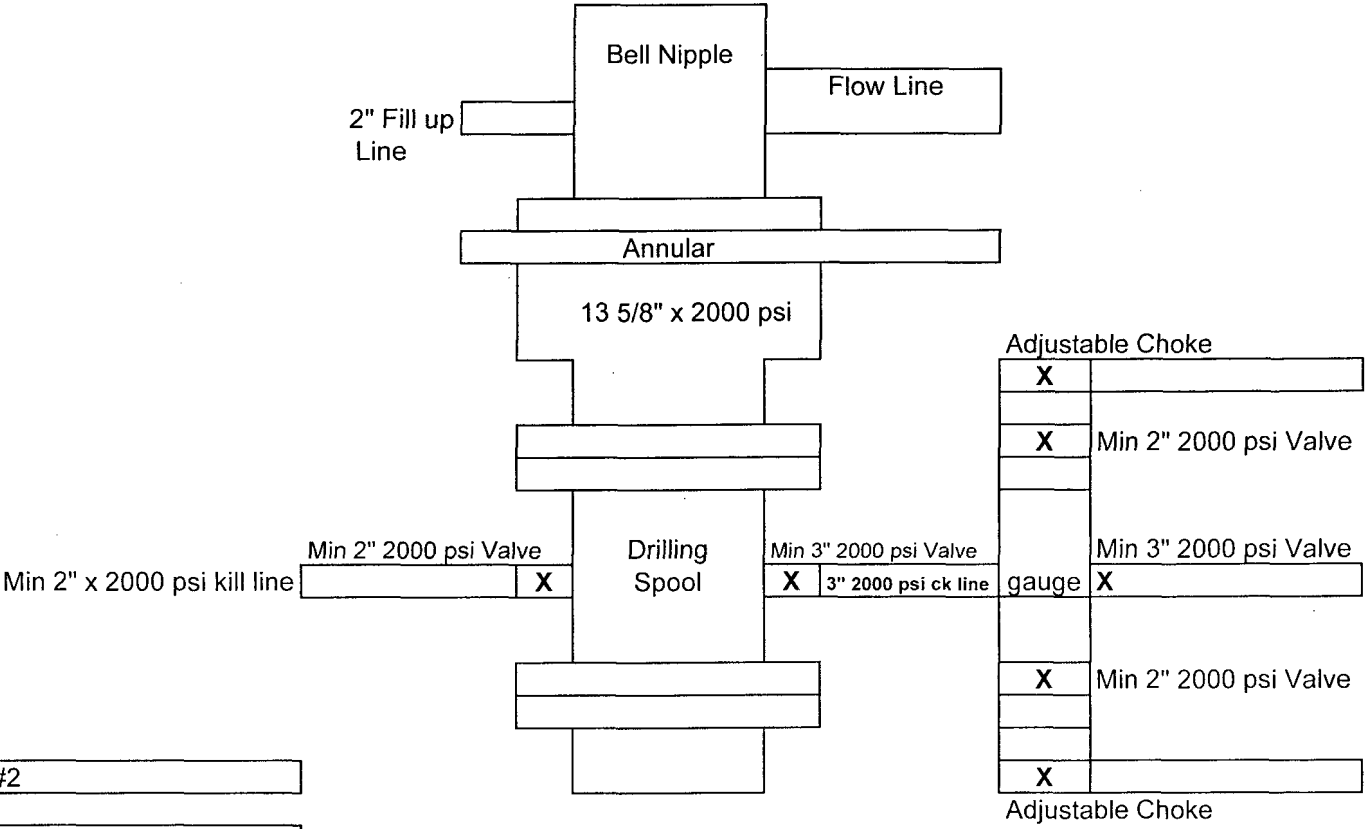


Exhibit #2

Bradley 29#3H  
1620' FNL & 25' FWL  
Sec 28-T18S-R30E  
Eddy, County  
New Mexico

# Mewbourne Oil Company

BOP Schematic for

6 1/8" 8 3/4" Hole

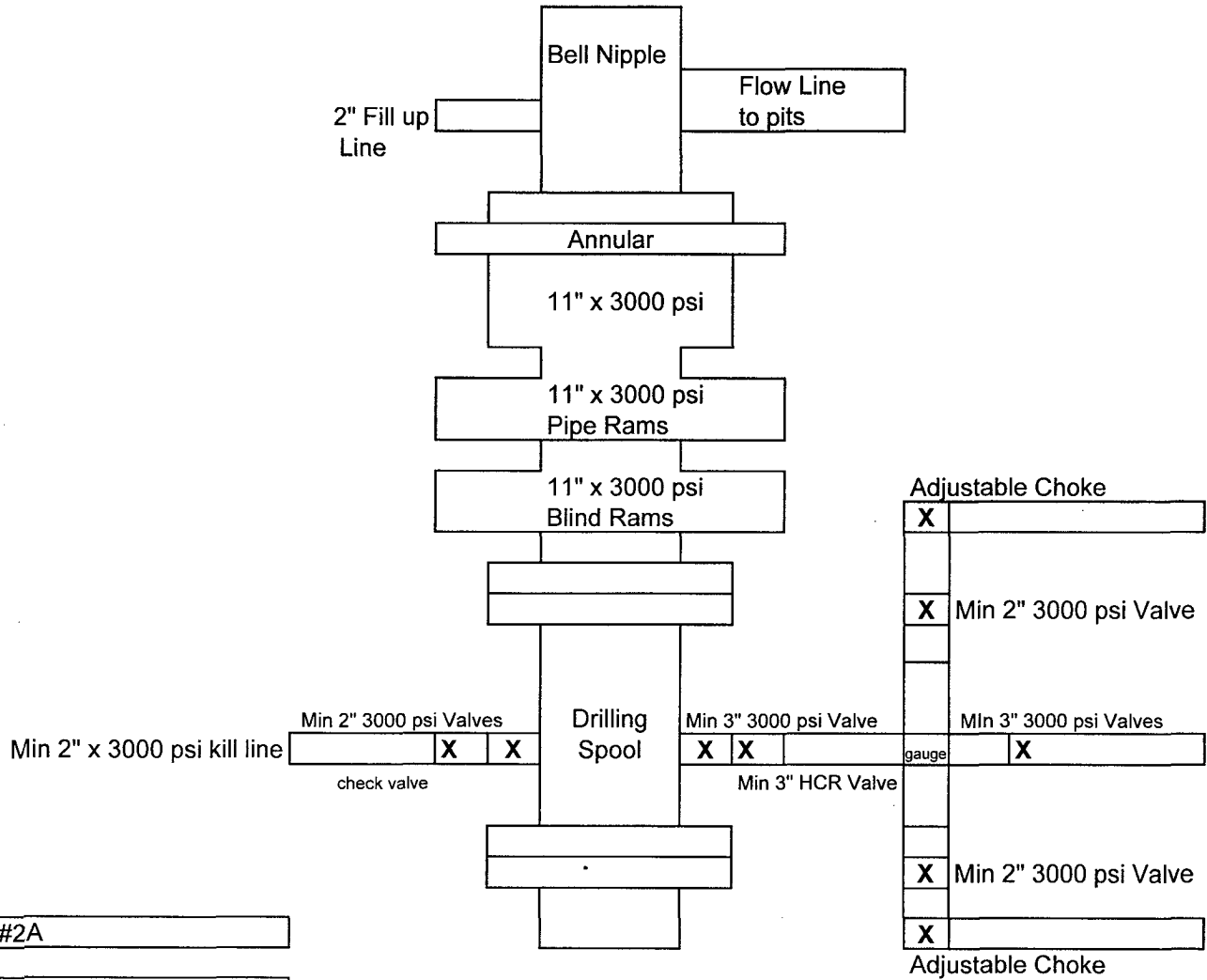


Exhibit #2A

Bradley 29 Federal Com #3H  
1620' FNL & 25' FWL  
Sec 28-T18S-R30E  
Eddy, County  
New Mexico

**Notes Regarding Blowout Preventer**

**Mewbourne Oil Company**

Bradley "29" Federal Com #3H

1620' FNL & 25' FWL (SHL)

Sec 28-T18S-R30E

Eddy 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 2000 psi working pressure on 9 5/8" casing and 3000 psi working pressure on 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.

DISTRICT I --- CHECKLIST FOR INTENTS TO DRILL

Operator NEUBOURNE OIL CO OGRID # 14744  
 Well Name & # ARANEY 29 FED COM #3/H Surface Type (F) (S) (P)  
 Location: UL E Sect 28, Township 18s, RNG 30e, Sub-surface Type (F) (S) (P)  
E-29-18-30

A. Date C101 rec'd      /      /      C101 reviewed      /      /     

B. 1. Check mark, Information is OK on Forms:

OGRID X BONDING FED PROP CODE X WELL #     , SIGNATURE     

2. Inactive Well list as of: 4/4/11 # wells 566 # Inactive wells 6

a. District Grant APD but see number of inactive wells:

No letter required X; Sent Letter to Operator     , to Santa Fe     

3. Additional Bonding as of: 4/4/11

a. District Denial because operator needs addition bonding:

No Letter required X; Sent Letter to Operator     , To Santa Fe     

b. District Denial because of Inactive well list and Financial Assurance:

No Letter required X; Sent Letter to Operator     , To Santa Fe     

C. C102 YES X, NO     , Signature X

1. Pool SANTO NINO; BONE SPRING, Code 54600

a. Dedicated acreage 160, What Units EEF1

b. SUR. Location Standard     : Non-Standard Location X

c. Well shares acres: Yes     , No     , # of wells      plus this well #     

2. 2<sup>nd</sup>. Operator in same acreage, Yes     , No     

Agreement Letter     , Disagreement letter     

3. Intent to Directional Drill Yes X, No     

a. Dedicated acreage 160, What Units EEF1

b. Bottomhole Location Standard     : Non-Standard Bottomhole X

4. Downhole Commingle: Yes     , No X

a. Pool #2     , Code     , Acres     

Pool #3     , Code     , Acres     

Pool #4     , Code     , Acres     

5. POTASH Area Yes     , No FED

D. Blowout Preventer Yes X, No     

E. H2S Yes     , No     , PART FED APD

F. C144 Pit Registration Yes     , No X, need

G. Does APD require Santa Fe Approval:

1. Non-Standard Location: Yes X, No     , NSL #     

2. Non-Standard Proration: Yes     , No X, NSP #     

3. Simultaneous Dedication: Yes     , No X, SD #     

Number of wells      Plus #     

4. Injection order Yes     , No X; PMX #      or WFX #     

5. SWD order Yes     , NO X; SWD #     

6. DHC from SF      /     ; DHC-HOB     ; Holding     

7. OCD Approval Date 4/4/11

API #30-015-38660

8. Reviewers X

overlap  
w/ E+F 30-015-28139

overlap 30-015-28139  
w/ E+F