

Form 3160-3  
(March 2012)

MAR 14 2014

OCD Hobbs

FORM APPROVED  
OMB No. 1004-0137  
Expires October 31, 2014UNITED 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.<br>NM-0127A - SL, Fee - BHL                                                                                        |
| 1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone                         |                                                     | 6. If Indian, Allottee or Tribe Name                                                                                                   |
| 2. Name of Operator Mewbourne Oil Company                                                                                                                                                                                                      |                                                     | 7. If Unit or CA Agreement, Name and No.                                                                                               |
| 3a. Address PO Box 5270<br>Hobbs, NM 88241                                                                                                                                                                                                     | 3b. Phone No. (include area code)<br>575-393-5905   | 8. Lease Name and Well No. <b>&lt;40456&gt;</b><br>Salado Draw 9 BO Fed Com #1H                                                        |
| 4. Location of Well (Report location clearly and in accordance with any State requirements.)<br>At surface 350' FNL & 2150' FEL, Sec. 9 T26S R33E <b>Unit B</b><br>At proposed prod. zone 330' FSL & 2150' FEL, Sec. 9 T26S R33E <b>Unit A</b> |                                                     | 9. API Well No.<br><b>30-025-41732</b><br>10. Field and Pool, or Exploratory <b>&lt;47900&gt;</b><br>Red Hills Upper Bone Spring Shale |
| 14. Distance in miles and direction from nearest town or post office*<br>23 miles SW of Jal, NM                                                                                                                                                |                                                     | 11. Sec., T. R. M. or Blk. and Survey or Area<br>Sec. 9 T26S R33E                                                                      |
| 15. Distance from proposed* 330' location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)                                                                                                                     | 16. No. of acres in lease<br>NM 0127-A - 320 acres  | 17. Spacing Unit dedicated to this well<br>160                                                                                         |
| 18. Distance from proposed location* 1770' - Salado Draw 9 to nearest well, drilling, completed, AP Fed #1H applied for, on this lease, ft.                                                                                                    | 19. Proposed Depth<br>14,178' - MD<br>9,848' - TVD  | 20. BLM/BIA Bond No. on file<br>NM-1693 nationwide, NMB-000919                                                                         |
| 21. Elevations (Show whether DF, KDB, RT, GL, etc.)<br>3314' - GL                                                                                                                                                                              | 22. Approximate date work will start*<br>01/21/2014 | 23. Estimated duration<br>60 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 <b>Bradley Bishop</b> | Name (Printed/Typed)<br>Bradley Bishop | Date<br>11/21/2013 |
|-------------------------------------|----------------------------------------|--------------------|

Title

|                                                         |                                 |                           |
|---------------------------------------------------------|---------------------------------|---------------------------|
| Approved by (Signature)<br><b>/s/ STEPHEN J. CAFFEY</b> | Name (Printed/Typed)            | Date<br><b>MAR 3 2014</b> |
| Title<br>FIELD MANAGER                                  | Office<br>CARLSBAD FIELD 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)

Carlsbad Controlled Water Basin

**KE**  
**03/17/14**  
SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

Approval Subject to General Requirements  
& Special Stipulations Attached

MAR 18 2014 **RM**

**HOBBS OCD**

**MAR 14 2014**

Date: 11/18/2013

**RECEIVED**

Well: Salado Draw 9 BO Federal #1H  
Section 9-26S-33E  
Lea County, New Mexico

All lateral will be in section 9. The Landing Point will be firm and the KOP calculated based on a 10 degree per 100' curve. All TVD will be at the bit for all calculations.

Drilling Rig: Patterson-UTI Rig (Rig has 20' KB)

Formation: Avalon Lower Shale

Surface Location: 350' FNL & 2150' FEL (Section 9)

Bottomhole Location: 330' FSL & 2150' FEL (Section 9)  
9825' TVD (-6515' SS)

Estimated LP: 919' FNL & 2150' FEL (Section 9)  
9800' TVD (-6490' SS)

Estimated KOP: +/-9225' TVD

GL Elevation: 3290' (From Staking)

KB Elevation: 3310' (Rig with 20' KB)

Est. Lateral Length: +/- 4030'

Est. Total MD: +/- 14,200'

Hardlines: 330' all directions

**Drilling Program**  
**Mewbourne Oil Company**  
 Salado Draw "9" BO Fed Com #1H  
 350' FNL & 2150' FEL  
 Sec 9, T26S, R33E  
 Lea County, New Mexico

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

|                 |       |
|-----------------|-------|
| Rustler         | 920'  |
| Top Salt        | 1290' |
| Base Salt/Lamar | 4780' |
| *Yates          | NA    |
| Seven Rivers    | NA    |
| *Queen          | NA    |
| Grayburg        | NA    |
| San Andres      | NA    |
| *Lamar/Delaware | 5010' |
| *Bone Springs   | 9010' |
| *Wolfcamp       | NA    |

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

|              |                                                                                                                     |
|--------------|---------------------------------------------------------------------------------------------------------------------|
| Water        | Fresh water is anticipated @ 140' and will be protected by setting surface casing at 945' 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:**

*See COA*

A 2000# WP annular will be installed after running 13 3/8" casing. A 3000# WP double ram BOP and 3000# WP Annular will be installed after running 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. BOPs will be inspected and operated as recommended in Onshore Order #2. A Kelly cock and a sub equipped with a full opening valve sized to fit the drill pipe and collars will be available on the rig floor in the open position when the Kelly is not in use. Will test the 13 3/8" annular to 1500# and the 9 5/8" BOPE to 3000# and 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 9251' & kick off to horizontal @ 9824' TVD. The well will be drilled to 14178' MD (9849' TVD). See attached directional plan.

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

**A. Casing Program:**

*See COA*

| Hole Size | Casing        | Wt/Ft. | Grade  | Depth             | Jt Type |
|-----------|---------------|--------|--------|-------------------|---------|
| 17 1/2 "  | 13 3/8" (new) | 48#    | H40    | 0' - 945'         | ST&C    |
| 12 1/4 "  | 9 5/8" (new)  | 36#    | J55    | 0' - 3300' MD     | LT&C    |
| 12 1/4 "  | 9 5/8" (new)  | 40#    | J55    | 3300' - 4300' MD  | LT&C    |
| 12 1/4 "  | 9 5/8" (new)  | 40#    | N80    | 4300' - 4900' MD  | LT&C    |
| 8 3/4 "   | 5 1/2" (new)  | 17#    | HCP110 | 0' - 9251' MD     | LT&C    |
| 8 3/4 "   | 5 1/2" (new)  | 17#    | HCP110 | 9251' - 10148' MD | BT&C    |
| 8 3/4 "   | 5 1/2" (new)  | 17#    | HCP110 | 10148' - TD       | LT&C    |

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

\*Subject to availability of casing.

## B. Cementing Program:

See  
COA

- i. Surface Casing: 510 sks Class C light cement with salt & LCM. Yield at 2.15 cuft/sk. Mix water @ 11.29 gal/sk. 200 sks Class C cement containing 1% CaCl<sub>2</sub>. Yield at 1.33 cuft/sk. Mix water @ 6.34 gal/sk. Cmt circulated to surface w/100% excess.
- ii. Intermediate Casing: 775 sacks Class C light cement with salt & LCM. Yield at 2.15 cuft/sk. Mix water @ 11.29 gal/sk. 200 sacks Class C cement. Yield at 1.33 cuft/sk. Mix water @ 6.34 gal/sk. Cmt circulated to surface w/25% excess.
- iii. Production Casing: Lead with 650 sacks class H light cement with fluid loss, LCM, & salt additives. Yield at 2.36 cuft/sk. Mix water @ 9.69 gal/sk. 2<sup>nd</sup> lead with 150 sacks class H with fluid loss & LCM additives. Yield at 2.63 cuft/sk. Mix water @ 15.4 gal/sk. Tail with 1100 sacks class H cmt. Yield at 1.21 cuft/sk. Mix water @ 5.28 gal/sk. Calculated to tie back inside 9 5/8" csg 200' w/25% excess.

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

## 6. Mud Program:

| Interval            | Type System  | Weight    | Viscosity | Fluid Loss |
|---------------------|--------------|-----------|-----------|------------|
| 0' - 945'           | FW spud mud  | 8.6-9.0   | 32-34     | NA         |
| 945' - 4900'        | Brine water  | 10.0-10.2 | 28-30     | NA         |
| 4900' - 9251' (KOP) | FW           | 8.5-8.7   | 28-30     | NA         |
| 9251' - TD          | FW w/Polymer | 8.5-8.7   | 32-35     | 15         |

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

## 7. Evaluation Program:

Samples: 10' samples from KOP to TD  
Logging: GR, CN & Gyro 100' above KOP (9151') to surface. GR from 9151' to TD.

## 8. Downhole Conditions

Zones of abnormal pressure: None anticipated  
Zones of lost circulation: Anticipated in surface and intermediate holes  
Maximum bottom hole temperature: 120 degree F  
Maximum bottom hole pressure: 8.3 lbs/gal gradient or less (.43668 x 9849'=4271 psi)

## 9. Anticipated Starting Date:

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



COMPANY: Mewbourne Oil Company  
 WELL: Salado Draw 9 BO Federal #1H  
 COUNTY: Lea County N.M.  
 DATUM: NAD 1927 (NADCON CONUS)  
 RIG: Patterson 36

HOBBS OCD



OFFICE: 936.582.7296

GRID CORRECTION: To convert a Magnetic Direction to a Grid Direction, Add 6.87°

MAR 14 2014

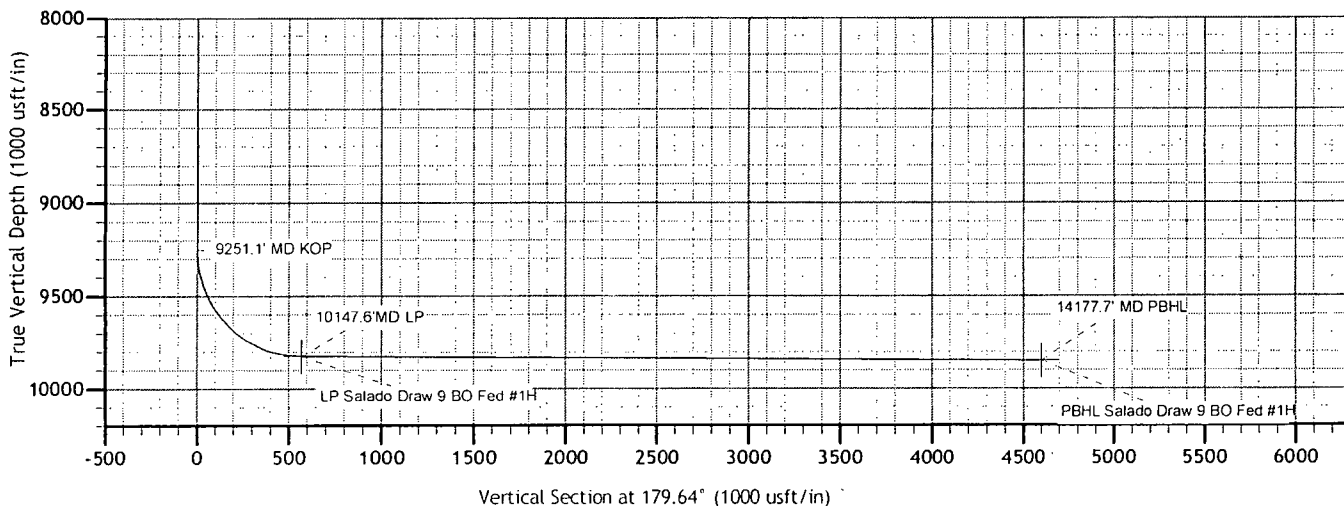
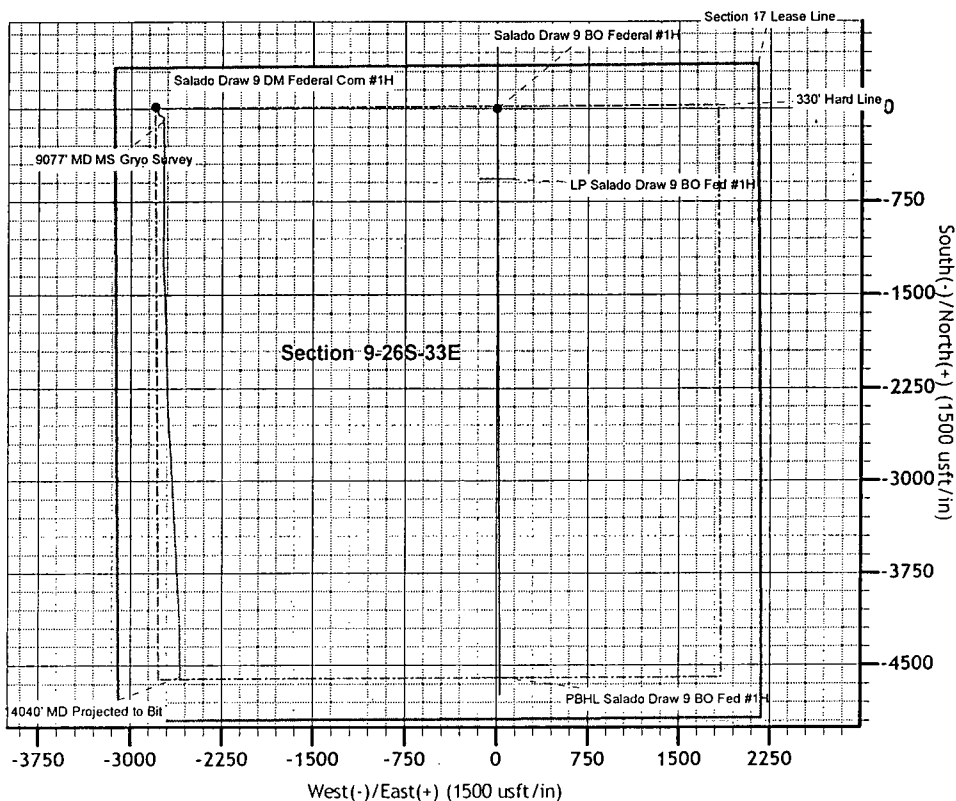
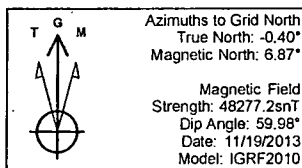
GEODETIC ZONE: New Mexico East 3001  
 GL 3314 + 20 @ 3334.0usft (Patterson 36)  
 GROUND ELEVATION: 3314.0

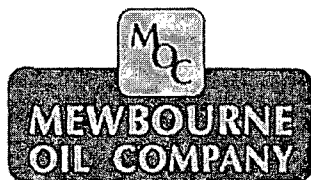
RECEIVED

| +N/-S | +E/-W | Northing  | Easting   | Latitude        | Longitude         | Slot |
|-------|-------|-----------|-----------|-----------------|-------------------|------|
| 0.0   | 0.0   | 387899.60 | 734860.10 | 32° 3' 51.061 N | 103° 34' 30.678 W |      |

PLAN SECTIONS

| Sec | MD      | Inc   | Azi    | TVD    | +N/-S   | +E/-W | Dleg  | TFace  | VSec   | Target                        |
|-----|---------|-------|--------|--------|---------|-------|-------|--------|--------|-------------------------------|
| 1   | 0.0     | 0.00  | 0.00   | 0.0    | 0.0     | 0.0   | 0.00  | 0.00   | 0.0    |                               |
| 2   | 9251.1  | 0.00  | 0.00   | 9251.1 | 0.0     | 0.0   | 0.00  | 0.00   | 0.0    |                               |
| 3   | 10147.6 | 89.65 | 179.64 | 9824.0 | -569.4  | 3.6   | 10.00 | 179.64 | 569.4  |                               |
| 4   | 14177.7 | 89.65 | 179.64 | 9849.0 | -4599.3 | 29.0  | 0.00  | 0.00   | 4599.4 | PBHL Salado Draw 9 BO Fed #1H |





# **Mewbourne Oil Company .**

**Lea County N.M.**

**Section 9-26S-33E Salado Draw 9 BO Fed #1H**

**Salado Draw 9 BO Federal #1H**

**Original Hole**

**Plan: Plan#1**

## **Standard Survey Report**

**19 November, 2013**





# Stryker Directional Survey Report



|           |                                            |                              |                                          |
|-----------|--------------------------------------------|------------------------------|------------------------------------------|
| Company:  | Mewbourne Oil Company                      | Local Co-ordinate Reference: | Well Salado Draw 9 BO Federal #1H        |
| Project:  | Lea County N.M.                            | TVD Reference:               | GL 3314 + 20 @ 3334.0usft (Patterson 36) |
| Site:     | Section 9-26S-33E Salado Draw 9 BO Fed #1H | MD Reference:                | GL 3314 + 20 @ 3334.0usft (Patterson 36) |
| Well:     | Salado Draw 9 BO Federal #1H               | North Reference:             | Grid                                     |
| Wellbore: | Original Hole                              | Survey Calculation Method:   | Minimum Curvature                        |
| Design:   | Plan#1                                     | Database:                    | EDM 5000.1 Single User Db                |

|             |                                      |               |                |
|-------------|--------------------------------------|---------------|----------------|
| Project:    | Lea County N:M                       |               |                |
| 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                  |          | Section 9-26S-33E Salado Draw 9 BO Fed #1H |                 |                   |                   |
| Site Position:        |          | Northing:                                  | 387,899.60 usft | Latitude:         | 32° 3' 51.061 N   |
| From:                 | Map      | Easting:                                   | 734,860.10 usft | Longitude:        | 103° 34' 30.678 W |
| Position Uncertainty: | 0.0 usft | Slot Radius:                               | 13-3/16 "       | Grid Convergence: | 0.40 °            |

|                      |                              |                     |           |                 |              |                   |
|----------------------|------------------------------|---------------------|-----------|-----------------|--------------|-------------------|
| Well                 | Salado Draw 9 BO Federal #1H |                     |           |                 |              |                   |
| Well Position        | +N-S                         | 0.0 usft            | Northing: | 387,899.60 usft | Latitude:    | 32° 3' 51.061 N   |
|                      | +E-W                         | 0.0 usft            | Easting:  | 734,860.10 usft | Longitude:   | 103° 34' 30.678 W |
| Position Uncertainty | 0.0 usft                     | Wellhead Elevation: | usft      | Ground Level:   | 3,314.0 usft |                   |

|           |               |
|-----------|---------------|
| Wellbore: | Original Hole |
|-----------|---------------|

|           |            |             |                    |                  |                        |
|-----------|------------|-------------|--------------------|------------------|------------------------|
| Magnetics | Model Name | Sample Date | Declination<br>(°) | Dip Angle<br>(°) | Field Strength<br>(nT) |
|           | IGRF2010   | 11/19/2013  | 7.28               | 59.98            | 48,277                 |

|                     |              |                        |           |                |
|---------------------|--------------|------------------------|-----------|----------------|
| Survey Tool Program |              | Date 11/19/2013        |           |                |
| From<br>(usft)      | To<br>(usft) | Survey (Wellbore)      | Tool Name | Description    |
| 0.0                 | 14,177.6     | Plan#1 (Original Hole) | MWD       | MWD - Standard |

| Measured<br>Depth<br>(usft) | Inclination<br>(°) | Azimuth<br>(°) | Vertical<br>Depth<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Vertical<br>Section<br>(usft) | Dogleg<br>Rate<br>(°/100usft) | Build<br>Rate<br>(°/100usft) | Turn<br>Rate<br>(°/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                        |



# Stryker Directional Survey Report



|           |                                            |                              |                                          |
|-----------|--------------------------------------------|------------------------------|------------------------------------------|
| Company:  | Mewbourne Oil Company                      | Local Co-ordinate Reference: | Well Salado Draw 9 BO Federal #1H        |
| Project:  | Lea County N.M.                            | TVD Reference:               | GL 3314 + 20 @ 3334.0usft (Patterson 36) |
| Site:     | Section 9-26S-33E Salado Draw 9 BO Fed #1H | MD Reference:                | GL 3314 + 20 @ 3334.0usft (Patterson 36) |
| Well:     | Salado Draw 9 BO Federal #1H               | North Reference:             | Grid                                     |
| Wellbore: | Original Hole                              | Survey Calculation Method:   | Minimum Curvature                        |
| Design:   | Plan#1                                     | Database:                    | EDM 5000.1 Single User Db                |

| 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) |
| 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                  |
| 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                  |



# Stryker Directional Survey Report



|           |                                            |                              |                                          |
|-----------|--------------------------------------------|------------------------------|------------------------------------------|
| Company:  | Mewbourne Oil Company                      | Local Co-ordinate Reference: | Well Salado Draw 9 BO Federal #1H        |
| Project:  | Lea County N.M.                            | TVD Reference:               | GL 3314 + 20 @ 3334.0usft (Patterson 36) |
| Site:     | Section 9-26S-33E Salado Draw 9 BO Fed #1H | MD Reference:                | GL 3314 + 20 @ 3334.0usft (Patterson 36) |
| Well:     | Salado Draw 9 BO Federal #1H               | North Reference:             | Grid                                     |
| Wellbore: | Original Hole                              | Survey Calculation Method:   | Minimum Curvature                        |
| Design:   | Plan#1                                     | Database:                    | EDM 5000.1 Single User Db                |

| 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) |
| 6,000.0               | 0.00            | 0.00        | 6,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 6,100.0               | 0.00            | 0.00        | 6,100.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 6,200.0               | 0.00            | 0.00        | 6,200.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 6,300.0               | 0.00            | 0.00        | 6,300.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 6,400.0               | 0.00            | 0.00        | 6,400.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 6,500.0               | 0.00            | 0.00        | 6,500.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 6,600.0               | 0.00            | 0.00        | 6,600.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 6,700.0               | 0.00            | 0.00        | 6,700.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 6,800.0               | 0.00            | 0.00        | 6,800.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 6,900.0               | 0.00            | 0.00        | 6,900.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 7,000.0               | 0.00            | 0.00        | 7,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 7,100.0               | 0.00            | 0.00        | 7,100.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 7,200.0               | 0.00            | 0.00        | 7,200.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 7,300.0               | 0.00            | 0.00        | 7,300.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 7,400.0               | 0.00            | 0.00        | 7,400.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 7,500.0               | 0.00            | 0.00        | 7,500.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 7,600.0               | 0.00            | 0.00        | 7,600.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 7,700.0               | 0.00            | 0.00        | 7,700.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 7,800.0               | 0.00            | 0.00        | 7,800.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 7,900.0               | 0.00            | 0.00        | 7,900.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 8,000.0               | 0.00            | 0.00        | 8,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 8,100.0               | 0.00            | 0.00        | 8,100.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 8,200.0               | 0.00            | 0.00        | 8,200.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 8,300.0               | 0.00            | 0.00        | 8,300.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 8,400.0               | 0.00            | 0.00        | 8,400.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 8,500.0               | 0.00            | 0.00        | 8,500.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 8,600.0               | 0.00            | 0.00        | 8,600.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 8,700.0               | 0.00            | 0.00        | 8,700.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 8,800.0               | 0.00            | 0.00        | 8,800.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 8,900.0               | 0.00            | 0.00        | 8,900.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 9,000.0               | 0.00            | 0.00        | 9,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 9,100.0               | 0.00            | 0.00        | 9,100.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 9,200.0               | 0.00            | 0.00        | 9,200.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 9,251.1               | 0.00            | 0.00        | 9,251.1               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 9251.1' MD KOP        |                 |             |                       |              |              |                         |                         |                        |                       |
| 9,300.0               | 4.89            | 179.64      | 9,299.9               | -2.1         | 0.0          | 2.1                     | 10.00                   | 10.00                  | 0.00                  |
| 9,350.0               | 9.89            | 179.64      | 9,349.5               | -8.5         | 0.1          | 8.5                     | 10.00                   | 10.00                  | 0.00                  |
| 9,400.0               | 14.89           | 179.64      | 9,398.3               | -19.2        | 0.1          | 19.2                    | 10.00                   | 10.00                  | 0.00                  |
| 9,450.0               | 19.89           | 179.64      | 9,446.0               | -34.2        | 0.2          | 34.2                    | 10.00                   | 10.00                  | 0.00                  |
| 9,500.0               | 24.89           | 179.64      | 9,492.2               | -53.2        | 0.3          | 53.2                    | 10.00                   | 10.00                  | 0.00                  |
| 9,550.0               | 29.89           | 179.64      | 9,536.6               | -76.2        | 0.5          | 76.2                    | 10.00                   | 10.00                  | 0.00                  |
| 9,600.0               | 34.89           | 179.64      | 9,578.8               | -103.0       | 0.6          | 103.0                   | 10.00                   | 10.00                  | 0.00                  |
| 9,650.0               | 39.89           | 179.64      | 9,618.5               | -133.3       | 0.8          | 133.3                   | 10.00                   | 10.00                  | 0.00                  |
| 9,700.0               | 44.89           | 179.64      | 9,655.5               | -167.0       | 1.1          | 167.0                   | 10.00                   | 10.00                  | 0.00                  |



# Stryker Directional Survey Report



|           |                                            |                              |                                          |
|-----------|--------------------------------------------|------------------------------|------------------------------------------|
| Company:  | Mewbourne Oil Company .                    | Local Co-ordinate Reference: | Well Salado Draw 9 BO Federal #1H        |
| Project:  | Lea County N.M.                            | TVD Reference:               | GL 3314 + 20 @ 3334.0usft (Patterson 36) |
| Site:     | Section 9-26S-33E Salado Draw 9 BO Fed #1H | MD Reference:                | GL 3314 + 20 @ 3334.0usft (Patterson 36) |
| Well:     | Salado Draw 9 BO Federal #1H               | North Reference:             | Grid                                     |
| Wellbore: | Original Hole                              | Survey Calculation Method:   | Minimum Curvature                        |
| Design:   | Plan#1                                     | Database:                    | EDM 5000.1 Single User Db                |

| 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) |
| 9,750.0               | 49.89           | 179.64      | 9,689.3               | -203.8      | 1.3         | 203.8                   | 10.00                   | 10.00                  | 0.00                  |
| 9,800.0               | 54.89           | 179.64      | 9,719.8               | -243.4      | 1.5         | 243.4                   | 10.00                   | 10.00                  | 0.00                  |
| 9,850.0               | 59.89           | 179.64      | 9,746.7               | -285.5      | 1.8         | 285.5                   | 10.00                   | 10.00                  | 0.00                  |
| 9,900.0               | 64.89           | 179.64      | 9,769.9               | -329.8      | 2.1         | 329.8                   | 10.00                   | 10.00                  | 0.00                  |
| 9,950.0               | 69.89           | 179.64      | 9,789.1               | -376.0      | 2.4         | 376.0                   | 10.00                   | 10.00                  | 0.00                  |
| 10,000.0              | 74.89           | 179.64      | 9,804.2               | -423.6      | 2.7         | 423.6                   | 10.00                   | 10.00                  | 0.00                  |
| 10,050.0              | 79.89           | 179.64      | 9,815.2               | -472.4      | 3.0         | 472.4                   | 10.00                   | 10.00                  | 0.00                  |
| 10,100.0              | 84.89           | 179.64      | 9,821.8               | -521.9      | 3.3         | 521.9                   | 10.00                   | 10.00                  | 0.00                  |
| 10,147.6              | 89.65           | 179.64      | 9,824.0               | -569.4      | 3.6         | 569.5                   | 9.99                    | 9.99                   | 0.00                  |
| 10147.6 MD LP         |                 |             |                       |             |             |                         |                         |                        |                       |
| 10,200.0              | 89.65           | 179.64      | 9,824.4               | -621.8      | 3.9         | 621.9                   | 0.00                    | 0.00                   | 0.00                  |
| 10,300.0              | 89.65           | 179.64      | 9,825.0               | -721.8      | 4.6         | 721.9                   | 0.00                    | 0.00                   | 0.00                  |
| 10,400.0              | 89.65           | 179.64      | 9,825.6               | -821.8      | 5.2         | 821.9                   | 0.00                    | 0.00                   | 0.00                  |
| 10,500.0              | 89.65           | 179.64      | 9,826.2               | -921.8      | 5.8         | 921.9                   | 0.00                    | 0.00                   | 0.00                  |
| 10,600.0              | 89.65           | 179.64      | 9,826.8               | -1,021.8    | 6.4         | 1,021.8                 | 0.00                    | 0.00                   | 0.00                  |
| 10,700.0              | 89.65           | 179.64      | 9,827.5               | -1,121.8    | 7.1         | 1,121.8                 | 0.00                    | 0.00                   | 0.00                  |
| 10,800.0              | 89.65           | 179.64      | 9,828.1               | -1,221.8    | 7.7         | 1,221.8                 | 0.00                    | 0.00                   | 0.00                  |
| 10,900.0              | 89.65           | 179.64      | 9,828.7               | -1,321.8    | 8.3         | 1,321.8                 | 0.00                    | 0.00                   | 0.00                  |
| 11,000.0              | 89.65           | 179.64      | 9,829.3               | -1,421.8    | 9.0         | 1,421.8                 | 0.00                    | 0.00                   | 0.00                  |
| 11,100.0              | 89.65           | 179.64      | 9,829.9               | -1,521.8    | 9.6         | 1,521.8                 | 0.00                    | 0.00                   | 0.00                  |
| 11,200.0              | 89.65           | 179.64      | 9,830.6               | -1,621.8    | 10.2        | 1,621.8                 | 0.00                    | 0.00                   | 0.00                  |
| 11,300.0              | 89.65           | 179.64      | 9,831.2               | -1,721.8    | 10.9        | 1,721.8                 | 0.00                    | 0.00                   | 0.00                  |
| 11,400.0              | 89.65           | 179.64      | 9,831.8               | -1,821.8    | 11.5        | 1,821.8                 | 0.00                    | 0.00                   | 0.00                  |
| 11,500.0              | 89.65           | 179.64      | 9,832.4               | -1,921.8    | 12.1        | 1,921.8                 | 0.00                    | 0.00                   | 0.00                  |
| 11,600.0              | 89.65           | 179.64      | 9,833.0               | -2,021.8    | 12.7        | 2,021.8                 | 0.00                    | 0.00                   | 0.00                  |
| 11,700.0              | 89.65           | 179.64      | 9,833.7               | -2,121.8    | 13.4        | 2,121.8                 | 0.00                    | 0.00                   | 0.00                  |
| 11,800.0              | 89.65           | 179.64      | 9,834.3               | -2,221.8    | 14.0        | 2,221.8                 | 0.00                    | 0.00                   | 0.00                  |
| 11,900.0              | 89.65           | 179.64      | 9,834.9               | -2,321.8    | 14.6        | 2,321.8                 | 0.00                    | 0.00                   | 0.00                  |
| 12,000.0              | 89.65           | 179.64      | 9,835.5               | -2,421.8    | 15.3        | 2,421.8                 | 0.00                    | 0.00                   | 0.00                  |
| 12,100.0              | 89.65           | 179.64      | 9,836.1               | -2,521.8    | 15.9        | 2,521.8                 | 0.00                    | 0.00                   | 0.00                  |
| 12,200.0              | 89.65           | 179.64      | 9,836.8               | -2,621.8    | 16.5        | 2,621.8                 | 0.00                    | 0.00                   | 0.00                  |
| 12,300.0              | 89.65           | 179.64      | 9,837.4               | -2,721.8    | 17.2        | 2,721.8                 | 0.00                    | 0.00                   | 0.00                  |
| 12,400.0              | 89.65           | 179.64      | 9,838.0               | -2,821.8    | 17.8        | 2,821.8                 | 0.00                    | 0.00                   | 0.00                  |
| 12,500.0              | 89.65           | 179.64      | 9,838.6               | -2,921.8    | 18.4        | 2,921.8                 | 0.00                    | 0.00                   | 0.00                  |
| 12,600.0              | 89.65           | 179.64      | 9,839.2               | -3,021.8    | 19.1        | 3,021.8                 | 0.00                    | 0.00                   | 0.00                  |
| 12,700.0              | 89.65           | 179.64      | 9,839.9               | -3,121.7    | 19.7        | 3,121.8                 | 0.00                    | 0.00                   | 0.00                  |
| 12,800.0              | 89.65           | 179.64      | 9,840.5               | -3,221.7    | 20.3        | 3,221.8                 | 0.00                    | 0.00                   | 0.00                  |
| 12,900.0              | 89.65           | 179.64      | 9,841.1               | -3,321.7    | 20.9        | 3,321.8                 | 0.00                    | 0.00                   | 0.00                  |
| 13,000.0              | 89.65           | 179.64      | 9,841.7               | -3,421.7    | 21.6        | 3,421.8                 | 0.00                    | 0.00                   | 0.00                  |
| 13,100.0              | 89.65           | 179.64      | 9,842.3               | -3,521.7    | 22.2        | 3,521.8                 | 0.00                    | 0.00                   | 0.00                  |
| 13,200.0              | 89.65           | 179.64      | 9,842.9               | -3,621.7    | 22.8        | 3,621.8                 | 0.00                    | 0.00                   | 0.00                  |
| 13,300.0              | 89.65           | 179.64      | 9,843.6               | -3,721.7    | 23.5        | 3,721.8                 | 0.00                    | 0.00                   | 0.00                  |
| 13,400.0              | 89.65           | 179.64      | 9,844.2               | -3,821.7    | 24.1        | 3,821.8                 | 0.00                    | 0.00                   | 0.00                  |



# Stryker Directional Survey Report

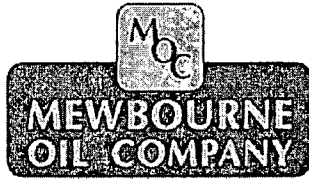


|           |                                            |                              |                                          |
|-----------|--------------------------------------------|------------------------------|------------------------------------------|
| Company:  | Mewbourne Oil Company                      | Local Co-ordinate Reference: | Well Salado Draw 9 BO Federal #1H        |
| Project:  | Lea County N.M.                            | TVD Reference:               | GL 3314 + 20 @ 3334.0usft (Patterson 36) |
| Site:     | Section 9-26S-33E Salado Draw 9 BO Fed #1H | MD Reference:                | GL 3314 + 20 @ 3334.0usft (Patterson 36) |
| Well:     | Salado Draw 9 BO Federal #1H               | North Reference:             | Grid                                     |
| Wellbore: | Original Hole                              | Survey Calculation Method:   | Minimum Curvature                        |
| Design:   | Plan#1                                     | Database:                    | EDM 5000:1 Single User Db                |

| 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) |
| 13,500.0              | 89.65           | 179.64      | 9,844.8               | -3,921.7    | 24.7        | 3,921.8                 | 0.00                    | 0.00                   | 0.00                  |
| 13,600.0              | 89.65           | 179.64      | 9,845.4               | -4,021.7    | 25.4        | 4,021.8                 | 0.00                    | 0.00                   | 0.00                  |
| 13,700.0              | 89.65           | 179.64      | 9,846.0               | -4,121.7    | 26.0        | 4,121.8                 | 0.00                    | 0.00                   | 0.00                  |
| 13,800.0              | 89.65           | 179.64      | 9,846.7               | -4,221.7    | 26.6        | 4,221.8                 | 0.00                    | 0.00                   | 0.00                  |
| 13,900.0              | 89.65           | 179.64      | 9,847.3               | -4,321.7    | 27.3        | 4,321.8                 | 0.00                    | 0.00                   | 0.00                  |
| 14,000.0              | 89.65           | 179.64      | 9,847.9               | -4,421.7    | 27.9        | 4,421.8                 | 0.00                    | 0.00                   | 0.00                  |
| 14,100.0              | 89.65           | 179.64      | 9,848.5               | -4,521.7    | 28.5        | 4,521.8                 | 0.00                    | 0.00                   | 0.00                  |
| 14,177.7              | 89.65           | 179.64      | 9,849.0               | -4,599.3    | 29.0        | 4,599.4                 | 0.00                    | 0.00                   | 0.00                  |
| 14177.7' MD PBHL      |                 |             |                       |             |             |                         |                         |                        |                       |

| Design Targets                                                                         |               |              |            |             |             |                 |                |                 |                   |
|----------------------------------------------------------------------------------------|---------------|--------------|------------|-------------|-------------|-----------------|----------------|-----------------|-------------------|
| Target Name                                                                            | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/S (usft) | +E/W (usft) | Northing (usft) | Easting (usft) | Latitude        | Longitude         |
| - hit/miss target                                                                      |               |              |            |             |             |                 |                |                 |                   |
| - Shape                                                                                |               |              |            |             |             |                 |                |                 |                   |
| LP Salado Draw 9 BO                                                                    | 0.00          | 0.00         | 9,824.0    | -569.0      | 3.2         | 387,330.60      | 734,863.30     | 32° 3' 45.430 N | 103° 34' 30.687 W |
| - plan misses target center by 0.4usft at 10147.2usft MD (9824.0 TVD, -569.0 N, 3.6 E) |               |              |            |             |             |                 |                |                 |                   |
| - Point                                                                                |               |              |            |             |             |                 |                |                 |                   |
| PBHL Salado Draw 9                                                                     | 0.00          | 0.00         | 9,849.0    | -4,599.3    | 29.0        | 383,300.26      | 734,889.10     | 32° 3' 5.545 N  | 103° 34' 30.716 W |
| - plan hits target center                                                              |               |              |            |             |             |                 |                |                 |                   |
| - Point                                                                                |               |              |            |             |             |                 |                |                 |                   |

| Plan Annotations      |                       |                   |             |                  |
|-----------------------|-----------------------|-------------------|-------------|------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates |             | Comment          |
|                       |                       | +N/S (usft)       | +E/W (usft) |                  |
| 9251                  | 9251                  | 0                 | 0           | 9251.1' MD KOP   |
| 10,148                | 9824                  | -569              | 4           | 10147.6' MD LP   |
| 14,178                | 9849                  | -4599             | 29          | 14177.7' MD PBHL |



# **Mewbourne Oil Company .**

Lea County N.M.

Section 9-26S-33E Salado Draw 9 BO Fed #1H

Salado Draw 9 BO Federal #1H

Original Hole

Plan: Plan#1

## **Standard Planning Report - Geographic**

19 November, 2013





# Stryker Directional Planning Report - Geographic



|           |                                            |                              |                                          |
|-----------|--------------------------------------------|------------------------------|------------------------------------------|
| Database: | EDM 5000.1 Single User Db                  | Local Co-ordinate Reference: | Well Salado Draw 9 BO Federal #1H        |
| Company:  | Mewbourne Oil Company                      | TVD Reference:               | GL 3314 + 20 @ 3334.0usft (Patterson 36) |
| Project:  | Lea County N.M.                            | MD Reference:                | GL 3314 + 20 @ 3334.0usft (Patterson 36) |
| Site:     | Section 9-26S-33E Salado Draw 9 BO Fed #1H | North Reference:             | Grid                                     |
| Well:     | Salado Draw 9 BO Federal #1H               | Survey Calculation Method:   | Minimum Curvature                        |
| Wellbore: | Original Hole                              |                              |                                          |
| Design:   | Plan#1                                     |                              |                                          |

|             |                                      |               |                |
|-------------|--------------------------------------|---------------|----------------|
| Project     | Lea County N.M.                      |               |                |
| 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                  | Section 9-26S-33E Salado Draw 9 BO Fed #1H |              |                 |                   |                   |
| Site Position:        |                                            | Northing:    | 387,899.60 usft | Latitude:         | 32° 3' 51.061 N   |
| From:                 | Map                                        | Easting:     | 734,860.10 usft | Longitude:        | 103° 34' 30.678 W |
| Position Uncertainty: | 0.0 usft                                   | Slot Radius: | 13-3/16 "       | Grid Convergence: | 0.40 °            |

|                      |                              |                     |           |                 |              |                   |
|----------------------|------------------------------|---------------------|-----------|-----------------|--------------|-------------------|
| Well                 | Salado Draw 9 BO Federal #1H |                     |           |                 |              |                   |
| Well Position        | +N-S                         | 0.0 usft            | Northing: | 387,899.60 usft | Latitude:    | 32° 3' 51.061 N   |
|                      | +E-W                         | 0.0 usft            | Easting:  | 734,860.10 usft | Longitude:   | 103° 34' 30.678 W |
| Position Uncertainty | 0.0 usft                     | Wellhead Elevation: |           | Ground Level:   | 3,314.0 usft |                   |

|           |               |             |                 |               |                     |
|-----------|---------------|-------------|-----------------|---------------|---------------------|
| Wellbore  | Original Hole |             |                 |               |                     |
| Magnetics | Model Name    | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
|           | IGRF2010      | 11/19/2013  | 7.28            | 59.98         | 48,277              |

|        |        |
|--------|--------|
| Design | Plan#1 |
|--------|--------|

|              |        |           |               |     |
|--------------|--------|-----------|---------------|-----|
| Audit Notes: |        |           |               |     |
| Version:     | Phase: | PROTOTYPE | Tie On Depth: | 0.0 |

|                   |                         |             |             |               |
|-------------------|-------------------------|-------------|-------------|---------------|
| Vertical Section: | Depth From (TVD) (usft) | +N-S (usft) | +E-W (usft) | Direction (°) |
|                   | 0.0                     | 0.0         | 0.0         | 179.64        |

|                       |                 |             |                       |             |             |                         |                        |                       |         |                  |
|-----------------------|-----------------|-------------|-----------------------|-------------|-------------|-------------------------|------------------------|-----------------------|---------|------------------|
| Plan Sections         |                 |             |                       |             |             |                         |                        |                       |         |                  |
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N-S (usft) | +E-W (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | TFO (°) | Target           |
| 0.0                   | 0.00            | 0.00        | 0.0                   | 0.0         | 0.0         | 0.00                    | 0.00                   | 0.00                  | 0.00    |                  |
| 9,251.1               | 0.00            | 0.00        | 9,251.1               | 0.0         | 0.0         | 0.00                    | 0.00                   | 0.00                  | 0.00    |                  |
| 10,147.6              | 89.65           | 179.64      | 9,824.0               | -569.4      | 3.6         | 10.00                   | 10.00                  | 20.04                 | 179.64  |                  |
| 14,177.7              | 89.65           | 179.64      | 9,849.0               | -4,599.3    | 29.0        | 0.00                    | 0.00                   | 0.00                  | 0.00    | PBHL Salado Draw |



# Stryker Directional Planning Report - Geographic



|           |                                            |                              |                                          |
|-----------|--------------------------------------------|------------------------------|------------------------------------------|
| Database: | EDM 5000.1 Single User Db                  | Local Co-ordinate Reference: | Well Salado Draw 9 BO Federal #1H        |
| Company:  | Mewbourne Oil Company                      | TVD Reference:               | GL 3314 + 20 @ 3334.0usft (Patterson 36) |
| Project:  | Lea County N.M.                            | MD Reference:                | GL 3314 + 20 @ 3334.0usft (Patterson 36) |
| Site:     | Section 9-26S-33E Salado Draw 9 BO Fed #1H | North Reference:             | Grid                                     |
| Well:     | Salado Draw 9 BO Federal #1H               | Survey Calculation Method:   | Minimum Curvature                        |
| Wellbore: | Original Hole                              |                              |                                          |
| Design:   | Plan#1                                     |                              |                                          |

| Planned Survey        |                 |             |                       |              |              |                     |                    |                 |                   |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|---------------------|--------------------|-----------------|-------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Map Northing (usft) | Map Easting (usft) | Latitude        | Longitude         |
| 0.0                   | 0.00            | 0.00        | 0.0                   | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 100.0                 | 0.00            | 0.00        | 100.0                 | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 200.0                 | 0.00            | 0.00        | 200.0                 | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 300.0                 | 0.00            | 0.00        | 300.0                 | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 400.0                 | 0.00            | 0.00        | 400.0                 | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 500.0                 | 0.00            | 0.00        | 500.0                 | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 600.0                 | 0.00            | 0.00        | 600.0                 | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 700.0                 | 0.00            | 0.00        | 700.0                 | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 800.0                 | 0.00            | 0.00        | 800.0                 | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 900.0                 | 0.00            | 0.00        | 900.0                 | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 1,000.0               | 0.00            | 0.00        | 1,000.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 1,100.0               | 0.00            | 0.00        | 1,100.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 1,200.0               | 0.00            | 0.00        | 1,200.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 1,300.0               | 0.00            | 0.00        | 1,300.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 1,400.0               | 0.00            | 0.00        | 1,400.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 1,500.0               | 0.00            | 0.00        | 1,500.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 1,600.0               | 0.00            | 0.00        | 1,600.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 1,700.0               | 0.00            | 0.00        | 1,700.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 1,800.0               | 0.00            | 0.00        | 1,800.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 1,900.0               | 0.00            | 0.00        | 1,900.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 2,000.0               | 0.00            | 0.00        | 2,000.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 2,100.0               | 0.00            | 0.00        | 2,100.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 2,200.0               | 0.00            | 0.00        | 2,200.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 2,300.0               | 0.00            | 0.00        | 2,300.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 2,400.0               | 0.00            | 0.00        | 2,400.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 2,500.0               | 0.00            | 0.00        | 2,500.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 2,600.0               | 0.00            | 0.00        | 2,600.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 2,700.0               | 0.00            | 0.00        | 2,700.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 2,800.0               | 0.00            | 0.00        | 2,800.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 2,900.0               | 0.00            | 0.00        | 2,900.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 3,000.0               | 0.00            | 0.00        | 3,000.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 3,100.0               | 0.00            | 0.00        | 3,100.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 3,200.0               | 0.00            | 0.00        | 3,200.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 3,300.0               | 0.00            | 0.00        | 3,300.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 3,400.0               | 0.00            | 0.00        | 3,400.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 3,500.0               | 0.00            | 0.00        | 3,500.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 3,600.0               | 0.00            | 0.00        | 3,600.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 3,700.0               | 0.00            | 0.00        | 3,700.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 3,800.0               | 0.00            | 0.00        | 3,800.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 3,900.0               | 0.00            | 0.00        | 3,900.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 4,000.0               | 0.00            | 0.00        | 4,000.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 4,100.0               | 0.00            | 0.00        | 4,100.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 4,200.0               | 0.00            | 0.00        | 4,200.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 4,300.0               | 0.00            | 0.00        | 4,300.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 4,400.0               | 0.00            | 0.00        | 4,400.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 4,500.0               | 0.00            | 0.00        | 4,500.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 4,600.0               | 0.00            | 0.00        | 4,600.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 4,700.0               | 0.00            | 0.00        | 4,700.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 4,800.0               | 0.00            | 0.00        | 4,800.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 4,900.0               | 0.00            | 0.00        | 4,900.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 5,000.0               | 0.00            | 0.00        | 5,000.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 5,100.0               | 0.00            | 0.00        | 5,100.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 5,200.0               | 0.00            | 0.00        | 5,200.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 5,300.0               | 0.00            | 0.00        | 5,300.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |



# Stryker Directional Planning Report - Geographic



|           |                                            |                              |                                          |
|-----------|--------------------------------------------|------------------------------|------------------------------------------|
| Database: | EDM 5000.1 Single User Db                  | Local Co-ordinate Reference: | Well Salado Draw 9 BO Federal #1H        |
| Company:  | Mewbourne Oil Company                      | TVD Reference:               | GL 3314 + 20 @ 3334.0usft (Patterson 36) |
| Project:  | Lea County N.M.                            | MD Reference:                | GL 3314 + 20 @ 3334.0usft (Patterson 36) |
| Site:     | Section 9-26S-33E Salado Draw 9 BO Fed #1H | North Reference:             | Grid                                     |
| Well:     | Salado Draw 9 BO Federal #1H               | Survey Calculation Method:   | Minimum Curvature                        |
| Wellbore: | Original Hole                              |                              |                                          |
| Design:   | Plan#1                                     |                              |                                          |

| Planned Survey        |                 |             |                       |              |              |                     |                    |                 |                   |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|---------------------|--------------------|-----------------|-------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Map Northing (usft) | Map Easting (usft) | Latitude        | Longitude         |
| 5,400.0               | 0.00            | 0.00        | 5,400.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 5,500.0               | 0.00            | 0.00        | 5,500.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 5,600.0               | 0.00            | 0.00        | 5,600.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 5,700.0               | 0.00            | 0.00        | 5,700.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 5,800.0               | 0.00            | 0.00        | 5,800.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 5,900.0               | 0.00            | 0.00        | 5,900.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 6,000.0               | 0.00            | 0.00        | 6,000.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 6,100.0               | 0.00            | 0.00        | 6,100.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 6,200.0               | 0.00            | 0.00        | 6,200.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 6,300.0               | 0.00            | 0.00        | 6,300.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 6,400.0               | 0.00            | 0.00        | 6,400.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 6,500.0               | 0.00            | 0.00        | 6,500.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 6,600.0               | 0.00            | 0.00        | 6,600.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 6,700.0               | 0.00            | 0.00        | 6,700.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 6,800.0               | 0.00            | 0.00        | 6,800.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 6,900.0               | 0.00            | 0.00        | 6,900.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 7,000.0               | 0.00            | 0.00        | 7,000.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 7,100.0               | 0.00            | 0.00        | 7,100.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 7,200.0               | 0.00            | 0.00        | 7,200.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 7,300.0               | 0.00            | 0.00        | 7,300.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 7,400.0               | 0.00            | 0.00        | 7,400.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 7,500.0               | 0.00            | 0.00        | 7,500.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 7,600.0               | 0.00            | 0.00        | 7,600.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 7,700.0               | 0.00            | 0.00        | 7,700.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 7,800.0               | 0.00            | 0.00        | 7,800.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 7,900.0               | 0.00            | 0.00        | 7,900.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 8,000.0               | 0.00            | 0.00        | 8,000.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 8,100.0               | 0.00            | 0.00        | 8,100.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 8,200.0               | 0.00            | 0.00        | 8,200.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 8,300.0               | 0.00            | 0.00        | 8,300.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 8,400.0               | 0.00            | 0.00        | 8,400.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 8,500.0               | 0.00            | 0.00        | 8,500.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 8,600.0               | 0.00            | 0.00        | 8,600.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 8,700.0               | 0.00            | 0.00        | 8,700.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 8,800.0               | 0.00            | 0.00        | 8,800.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 8,900.0               | 0.00            | 0.00        | 8,900.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 9,000.0               | 0.00            | 0.00        | 9,000.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 9,100.0               | 0.00            | 0.00        | 9,100.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 9,200.0               | 0.00            | 0.00        | 9,200.0               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 9,251.1               | 0.00            | 0.00        | 9,251.1               | 0.0          | 0.0          | 387,899.60          | 734,860.10         | 32° 3' 51.061 N | 103° 34' 30.678 W |
| 9251.1' MD KOP        |                 |             |                       |              |              |                     |                    |                 |                   |
| 9,300.0               | 4.89            | 179.64      | 9,299.9               | -2.1         | 0.0          | 387,897.51          | 734,860.11         | 32° 3' 51.040 N | 103° 34' 30.678 W |
| 9,350.0               | 9.89            | 179.64      | 9,349.5               | -8.5         | 0.1          | 387,891.08          | 734,860.15         | 32° 3' 50.977 N | 103° 34' 30.678 W |
| 9,400.0               | 14.89           | 179.64      | 9,398.3               | -19.2        | 0.1          | 387,880.36          | 734,860.22         | 32° 3' 50.871 N | 103° 34' 30.678 W |
| 9,450.0               | 19.89           | 179.64      | 9,446.0               | -34.2        | 0.2          | 387,865.42          | 734,860.31         | 32° 3' 50.723 N | 103° 34' 30.678 W |
| 9,500.0               | 24.89           | 179.64      | 9,492.2               | -53.2        | 0.3          | 387,846.38          | 734,860.43         | 32° 3' 50.534 N | 103° 34' 30.678 W |
| 9,550.0               | 29.89           | 179.64      | 9,536.6               | -76.2        | 0.5          | 387,823.39          | 734,860.58         | 32° 3' 50.307 N | 103° 34' 30.678 W |
| 9,600.0               | 34.89           | 179.64      | 9,578.8               | -103.0       | 0.6          | 387,796.61          | 734,860.75         | 32° 3' 50.042 N | 103° 34' 30.679 W |
| 9,650.0               | 39.89           | 179.64      | 9,618.5               | -133.3       | 0.8          | 387,766.26          | 734,860.94         | 32° 3' 49.741 N | 103° 34' 30.679 W |
| 9,700.0               | 44.89           | 179.64      | 9,655.5               | -167.0       | 1.1          | 387,732.56          | 734,861.15         | 32° 3' 49.408 N | 103° 34' 30.679 W |
| 9,750.0               | 49.89           | 179.64      | 9,689.3               | -203.8       | 1.3          | 387,695.78          | 734,861.38         | 32° 3' 49.044 N | 103° 34' 30.679 W |
| 9,800.0               | 54.89           | 179.64      | 9,719.8               | -243.4       | 1.5          | 387,656.18          | 734,861.63         | 32° 3' 48.652 N | 103° 34' 30.680 W |
| 9,850.0               | 59.89           | 179.64      | 9,746.7               | -285.5       | 1.8          | 387,614.08          | 734,861.90         | 32° 3' 48.235 N | 103° 34' 30.680 W |
| 9,900.0               | 64.89           | 179.64      | 9,769.9               | -329.8       | 2.1          | 387,569.79          | 734,862.18         | 32° 3' 47.797 N | 103° 34' 30.680 W |



# Stryker Directional

## Planning Report - Geographic



|           |                                            |                              |                                          |
|-----------|--------------------------------------------|------------------------------|------------------------------------------|
| Database: | EDM 5000.1 Single User Db                  | Local Co-ordinate Reference: | Well Salado Draw 9 BO Federal #1H        |
| Company:  | Mewbourne Oil Company                      | TVD Reference:               | GL 3314 + 20 @ 3334.0usft (Patterson 36) |
| Project:  | Lea County N.M.                            | MD Reference:                | GL 3314 + 20 @ 3334.0usft (Patterson 36) |
| Site:     | Section 9-26S-33E Salado Draw 9 BO Fed #1H | North Reference:             | Grid                                     |
| Well:     | Salado Draw 9 BO Federal #1H               | Survey Calculation Method:   | Minimum Curvature                        |
| Wellbore: | Original Hole                              |                              |                                          |
| Design:   | Plan#1                                     |                              |                                          |

| Planned Survey        |                 |             |                       |              |              |                     |                    |                 |                   |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|---------------------|--------------------|-----------------|-------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Map Northing (usft) | Map Easting (usft) | Latitude        | Longitude         |
| 9,950.0               | 69.89           | 179.64      | 9,789.1               | -376.0       | 2.4          | 387,523.64          | 734,862.47         | 32° 3' 47.340 N | 103° 34' 30.681 W |
| 10,000.0              | 74.89           | 179.64      | 9,804.2               | -423.6       | 2.7          | 387,476.00          | 734,862.77         | 32° 3' 46.869 N | 103° 34' 30.681 W |
| 10,050.0              | 79.89           | 179.64      | 9,815.2               | -472.4       | 3.0          | 387,427.23          | 734,863.08         | 32° 3' 46.386 N | 103° 34' 30.682 W |
| 10,100.0              | 84.89           | 179.64      | 9,821.8               | -521.9       | 3.3          | 387,377.68          | 734,863.39         | 32° 3' 45.896 N | 103° 34' 30.682 W |
| 10,147.6              | 89.65           | 179.64      | 9,824.0               | -569.4       | 3.6          | 387,330.15          | 734,863.69         | 32° 3' 45.426 N | 103° 34' 30.682 W |
| 10147.6 MD LP         |                 |             |                       |              |              |                     |                    |                 |                   |
| 10,200.0              | 89.65           | 179.64      | 9,824.4               | -621.8       | 3.9          | 387,277.75          | 734,864.02         | 32° 3' 44.907 N | 103° 34' 30.683 W |
| 10,300.0              | 89.65           | 179.64      | 9,825.0               | -721.8       | 4.6          | 387,177.76          | 734,864.65         | 32° 3' 43.918 N | 103° 34' 30.684 W |
| 10,400.0              | 89.65           | 179.64      | 9,825.6               | -821.8       | 5.2          | 387,077.76          | 734,865.28         | 32° 3' 42.928 N | 103° 34' 30.685 W |
| 10,500.0              | 89.65           | 179.64      | 9,826.2               | -921.8       | 5.8          | 386,977.77          | 734,865.91         | 32° 3' 41.938 N | 103° 34' 30.685 W |
| 10,600.0              | 89.65           | 179.64      | 9,826.8               | -1,021.8     | 6.4          | 386,877.77          | 734,866.54         | 32° 3' 40.949 N | 103° 34' 30.686 W |
| 10,700.0              | 89.65           | 179.64      | 9,827.5               | -1,121.8     | 7.1          | 386,777.77          | 734,867.17         | 32° 3' 39.959 N | 103° 34' 30.687 W |
| 10,800.0              | 89.65           | 179.64      | 9,828.1               | -1,221.8     | 7.7          | 386,677.78          | 734,867.80         | 32° 3' 38.970 N | 103° 34' 30.688 W |
| 10,900.0              | 89.65           | 179.64      | 9,828.7               | -1,321.8     | 8.3          | 386,577.78          | 734,868.43         | 32° 3' 37.980 N | 103° 34' 30.689 W |
| 11,000.0              | 89.65           | 179.64      | 9,829.3               | -1,421.8     | 9.0          | 386,477.79          | 734,869.06         | 32° 3' 36.990 N | 103° 34' 30.690 W |
| 11,100.0              | 89.65           | 179.64      | 9,829.9               | -1,521.8     | 9.6          | 386,377.79          | 734,869.69         | 32° 3' 36.001 N | 103° 34' 30.690 W |
| 11,200.0              | 89.65           | 179.64      | 9,830.6               | -1,621.8     | 10.2         | 386,277.79          | 734,870.32         | 32° 3' 35.011 N | 103° 34' 30.691 W |
| 11,300.0              | 89.65           | 179.64      | 9,831.2               | -1,721.8     | 10.9         | 386,177.80          | 734,870.95         | 32° 3' 34.022 N | 103° 34' 30.692 W |
| 11,400.0              | 89.65           | 179.64      | 9,831.8               | -1,821.8     | 11.5         | 386,077.80          | 734,871.58         | 32° 3' 33.032 N | 103° 34' 30.693 W |
| 11,500.0              | 89.65           | 179.64      | 9,832.4               | -1,921.8     | 12.1         | 385,977.80          | 734,872.21         | 32° 3' 32.043 N | 103° 34' 30.694 W |
| 11,600.0              | 89.65           | 179.64      | 9,833.0               | -2,021.8     | 12.7         | 385,877.81          | 734,872.85         | 32° 3' 31.053 N | 103° 34' 30.695 W |
| 11,700.0              | 89.65           | 179.64      | 9,833.7               | -2,121.8     | 13.4         | 385,777.81          | 734,873.48         | 32° 3' 30.063 N | 103° 34' 30.695 W |
| 11,800.0              | 89.65           | 179.64      | 9,834.3               | -2,221.8     | 14.0         | 385,677.82          | 734,874.11         | 32° 3' 29.074 N | 103° 34' 30.696 W |
| 11,900.0              | 89.65           | 179.64      | 9,834.9               | -2,321.8     | 14.6         | 385,577.82          | 734,874.74         | 32° 3' 28.084 N | 103° 34' 30.697 W |
| 12,000.0              | 89.65           | 179.64      | 9,835.5               | -2,421.8     | 15.3         | 385,477.82          | 734,875.37         | 32° 3' 27.095 N | 103° 34' 30.698 W |
| 12,100.0              | 89.65           | 179.64      | 9,836.1               | -2,521.8     | 15.9         | 385,377.83          | 734,876.00         | 32° 3' 26.105 N | 103° 34' 30.699 W |
| 12,200.0              | 89.65           | 179.64      | 9,836.8               | -2,621.8     | 16.5         | 385,277.83          | 734,876.63         | 32° 3' 25.115 N | 103° 34' 30.700 W |
| 12,300.0              | 89.65           | 179.64      | 9,837.4               | -2,721.8     | 17.2         | 385,177.84          | 734,877.26         | 32° 3' 24.126 N | 103° 34' 30.700 W |
| 12,400.0              | 89.65           | 179.64      | 9,838.0               | -2,821.8     | 17.8         | 385,077.84          | 734,877.89         | 32° 3' 23.136 N | 103° 34' 30.701 W |
| 12,500.0              | 89.65           | 179.64      | 9,838.6               | -2,921.8     | 18.4         | 384,977.84          | 734,878.52         | 32° 3' 22.147 N | 103° 34' 30.702 W |
| 12,600.0              | 89.65           | 179.64      | 9,839.2               | -3,021.8     | 19.1         | 384,877.85          | 734,879.15         | 32° 3' 21.157 N | 103° 34' 30.703 W |
| 12,700.0              | 89.65           | 179.64      | 9,839.9               | -3,121.7     | 19.7         | 384,777.85          | 734,879.78         | 32° 3' 20.168 N | 103° 34' 30.704 W |
| 12,800.0              | 89.65           | 179.64      | 9,840.5               | -3,221.7     | 20.3         | 384,677.86          | 734,880.41         | 32° 3' 19.178 N | 103° 34' 30.705 W |
| 12,900.0              | 89.65           | 179.64      | 9,841.1               | -3,321.7     | 20.9         | 384,577.86          | 734,881.04         | 32° 3' 18.188 N | 103° 34' 30.705 W |
| 13,000.0              | 89.65           | 179.64      | 9,841.7               | -3,421.7     | 21.6         | 384,477.86          | 734,881.67         | 32° 3' 17.199 N | 103° 34' 30.706 W |
| 13,100.0              | 89.65           | 179.64      | 9,842.3               | -3,521.7     | 22.2         | 384,377.87          | 734,882.30         | 32° 3' 16.209 N | 103° 34' 30.707 W |
| 13,200.0              | 89.65           | 179.64      | 9,842.9               | -3,621.7     | 22.8         | 384,277.87          | 734,882.93         | 32° 3' 15.220 N | 103° 34' 30.708 W |
| 13,300.0              | 89.65           | 179.64      | 9,843.6               | -3,721.7     | 23.5         | 384,177.88          | 734,883.56         | 32° 3' 14.230 N | 103° 34' 30.709 W |
| 13,400.0              | 89.65           | 179.64      | 9,844.2               | -3,821.7     | 24.1         | 384,077.88          | 734,884.20         | 32° 3' 13.240 N | 103° 34' 30.710 W |
| 13,500.0              | 89.65           | 179.64      | 9,844.8               | -3,921.7     | 24.7         | 383,977.88          | 734,884.83         | 32° 3' 12.251 N | 103° 34' 30.710 W |
| 13,600.0              | 89.65           | 179.64      | 9,845.4               | -4,021.7     | 25.4         | 383,877.89          | 734,885.46         | 32° 3' 11.261 N | 103° 34' 30.711 W |
| 13,700.0              | 89.65           | 179.64      | 9,846.0               | -4,121.7     | 26.0         | 383,777.89          | 734,886.09         | 32° 3' 10.272 N | 103° 34' 30.712 W |
| 13,800.0              | 89.65           | 179.64      | 9,846.7               | -4,221.7     | 26.6         | 383,677.89          | 734,886.72         | 32° 3' 9.282 N  | 103° 34' 30.713 W |
| 13,900.0              | 89.65           | 179.64      | 9,847.3               | -4,321.7     | 27.3         | 383,577.90          | 734,887.35         | 32° 3' 8.293 N  | 103° 34' 30.714 W |
| 14,000.0              | 89.65           | 179.64      | 9,847.9               | -4,421.7     | 27.9         | 383,477.90          | 734,887.98         | 32° 3' 7.303 N  | 103° 34' 30.715 W |
| 14,100.0              | 89.65           | 179.64      | 9,848.5               | -4,521.7     | 28.5         | 383,377.91          | 734,888.61         | 32° 3' 6.313 N  | 103° 34' 30.715 W |
| 14,177.7              | 89.65           | 179.64      | 9,849.0               | -4,599.3     | 29.0         | 383,300.26          | 734,889.10         | 32° 3' 5.545 N  | 103° 34' 30.716 W |
| 14177.7 MD PBHL       |                 |             |                       |              |              |                     |                    |                 |                   |



# Stryker Directional Planning Report - Geographic



|           |                                            |                              |                                          |
|-----------|--------------------------------------------|------------------------------|------------------------------------------|
| Database: | EDM 5000.1 Single User Db                  | Local Co-ordinate Reference: | Well Salado Draw 9 BO Federal #1H        |
| Company:  | Mewbourne Oil Company                      | TVD Reference:               | GL 3314 + 20 @ 3334.0usft (Patterson 36) |
| Project:  | Lea County N.M.                            | MD Reference:                | GL 3314 + 20 @ 3334.0usft (Patterson 36) |
| Site:     | Section 9-26S-33E Salado Draw 9 BO Fed #1H | North Reference:             | Grid                                     |
| Well:     | Salado Draw 9 BO Federal #1H               | Survey Calculation Method:   | Minimum Curvature                        |
| Wellbore: | Original Hole                              |                              |                                          |
| Design:   | Plan#1                                     |                              |                                          |

## Design Targets

### Target Name

| - hit/miss target                                                                      | Dip Angle | Dip Dir. | TVD     | +N/-S    | +E/-W  | Northing   | Easting    | Latitude        | Longitude         |
|----------------------------------------------------------------------------------------|-----------|----------|---------|----------|--------|------------|------------|-----------------|-------------------|
| - Shape                                                                                | (°)       | (°)      | (usft)  | (usft)   | (usft) | (usft)     | (usft)     |                 |                   |
| LP Salado Draw 9 BO                                                                    | 0.00      | 0.00     | 9,824.0 | -569.0   | 3.2    | 387,330.60 | 734,863.30 | 32° 3' 45.430 N | 103° 34' 30.687 W |
| - plan misses target center by 0.4usft at 10147.2usft MD (9824.0 TVD, -569.0 N, 3.6 E) |           |          |         |          |        |            |            |                 |                   |
| - Point                                                                                |           |          |         |          |        |            |            |                 |                   |
| PBHL Salado Draw 9                                                                     | 0.00      | 0.00     | 9,849.0 | -4,599.3 | 29.0   | 383,300.26 | 734,889.10 | 32° 3' 5.545 N  | 103° 34' 30.716 W |
| - plan hits target center                                                              |           |          |         |          |        |            |            |                 |                   |
| - Point                                                                                |           |          |         |          |        |            |            |                 |                   |

## Plan Annotations

| Measured Depth | Vertical Depth | Local Coordinates |              | Comment          |
|----------------|----------------|-------------------|--------------|------------------|
| (usft)         | (usft)         | +N/-S (usft)      | +E/-W (usft) |                  |
| 9,251.1        | 9,251.1        | 0.0               | 0.0          | 9251.1' MD KOP   |
| 10,147.6       | 9,824.0        | -569.4            | 3.6          | 10147.6' MD LP   |
| 14,177.7       | 9,849.0        | -4,599.3          | 29.0         | 14177.7' MD PBHL |



COMPANY: Mewbourne Oil Company  
 WELL: Querecho 28 OB Federal #1H  
 COUNTY: Lea County N.M.  
 DATUM: NAD 1927 (NADCON CONUS)  
 RIG: Patterson 36



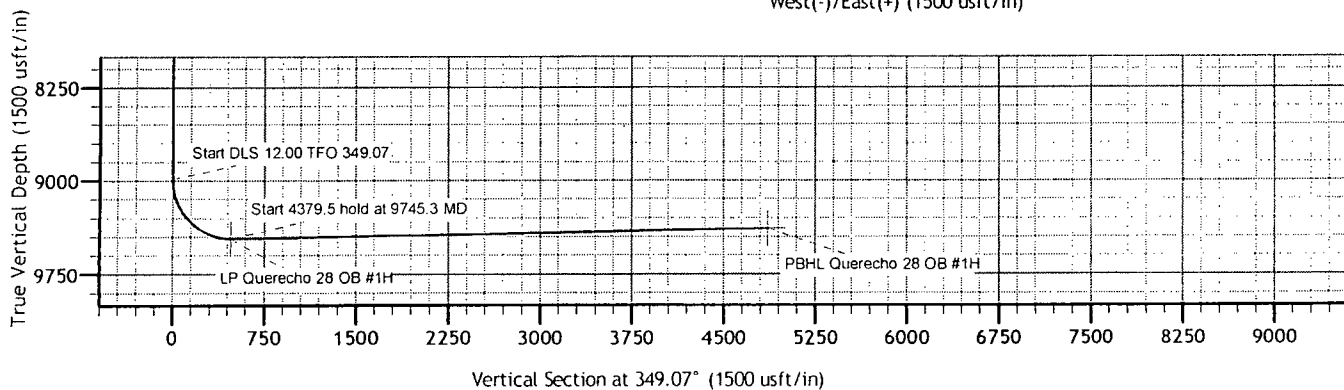
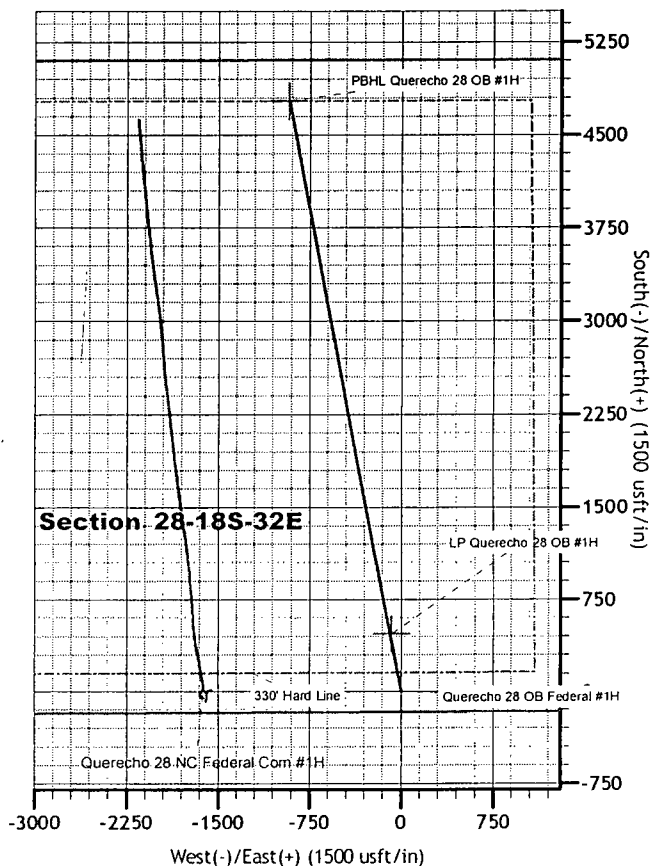
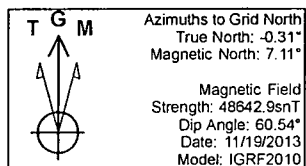
GRID CORRECTION: To convert a Magnetic Direction to a Grid Direction, Add 7.11°

OFFICE: 936.582.7296

|                                          |       |           |           |                  |                  |
|------------------------------------------|-------|-----------|-----------|------------------|------------------|
| GEODETTIC ZONE: New Mexico East 3001     |       |           |           |                  |                  |
| GL 3714 + 20 @ 3734.0usft (Patterson 36) |       |           |           |                  |                  |
| GROUND ELEVATION: 3714.0                 |       |           |           |                  |                  |
| +N/-S                                    | +E/-W | Northing  | Easting   | Latitude         | Longitude        |
| 0.0                                      | 0.0   | 623049.30 | 674236.10 | 32° 42' 41.688 N | 103° 46' 0.686 W |

| PLAN SECTIONS |         |       |        |        |        |        |       |        |        |                         |
|---------------|---------|-------|--------|--------|--------|--------|-------|--------|--------|-------------------------|
| Sec           | MD      | Inc   | Azi    | TVD    | +N/-S  | +E/-W  | Dleg  | TFace  | VSec   | Target                  |
| 1             | 0.0     | 0.00  | 0.00   | 0.0    | 0.0    | 0.0    | 0.00  | 0.00   | 0.0    |                         |
| 2             | 8986.6  | 0.00  | 0.00   | 8986.6 | 0.0    | 0.0    | 0.00  | 0.00   | 0.0    |                         |
| 3             | 9745.3  | 91.05 | 349.07 | 9464.0 | 477.4  | -92.1  | 12.00 | 349.07 | 486.2  |                         |
| 4             | 14124.8 | 91.05 | 349.07 | 9384.0 | 4776.8 | -922.0 | 0.00  | 0.00   | 4865.0 | PBHL Querecho 28 OB #1H |

Section 21-18S-32E Young 21



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

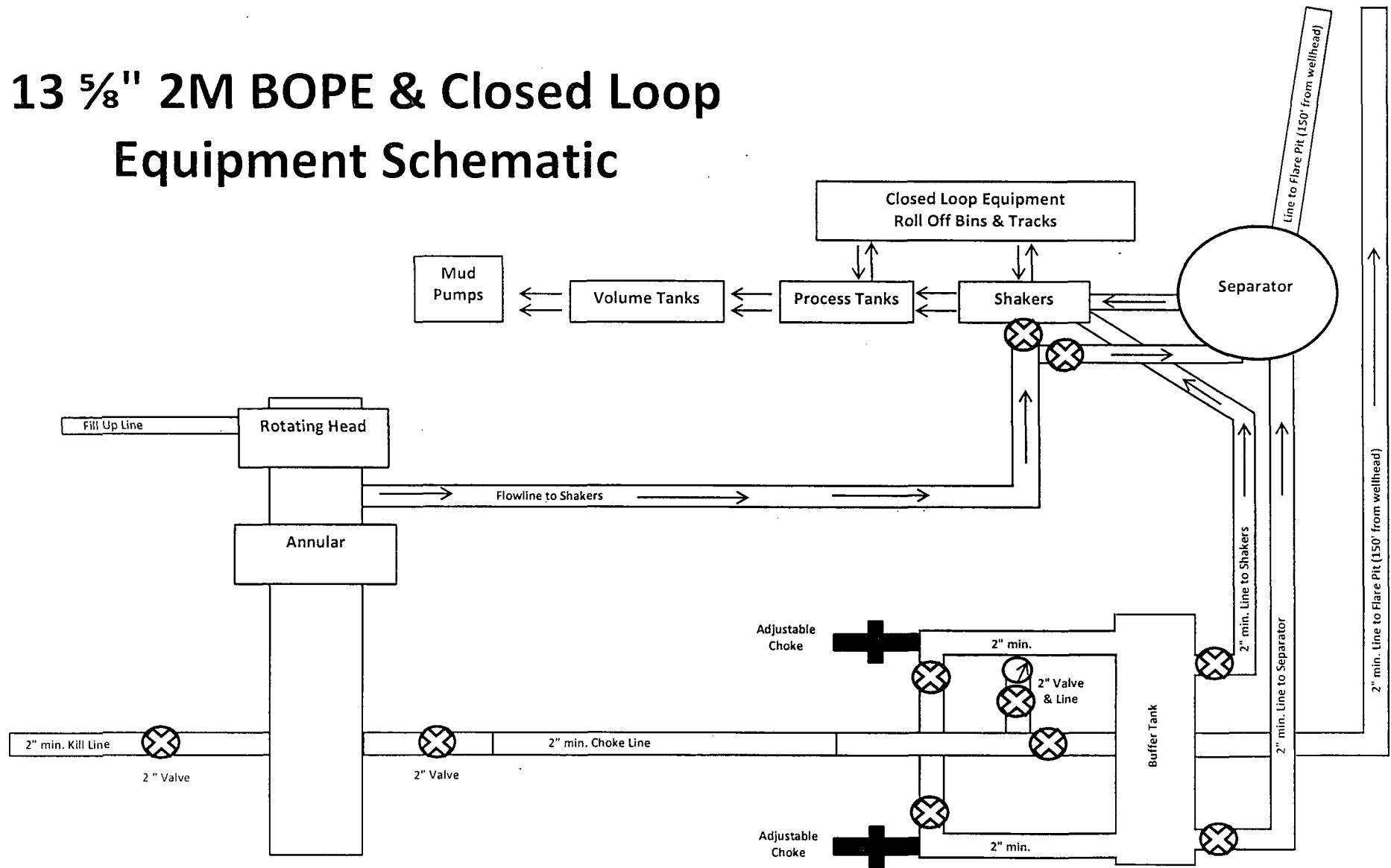
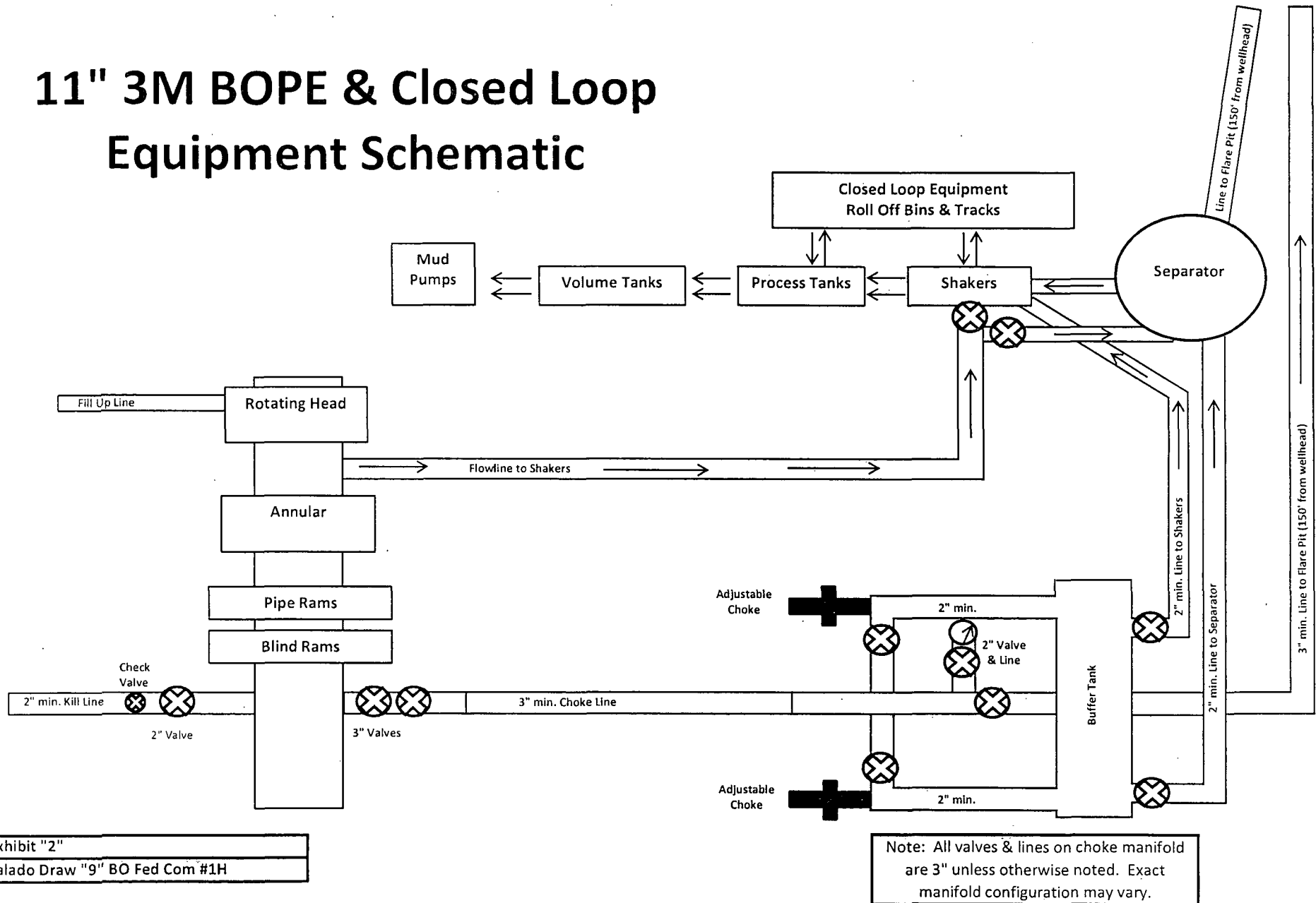


EXHIBIT "2"  
Salado Draw "9" BO Fed Com #1H

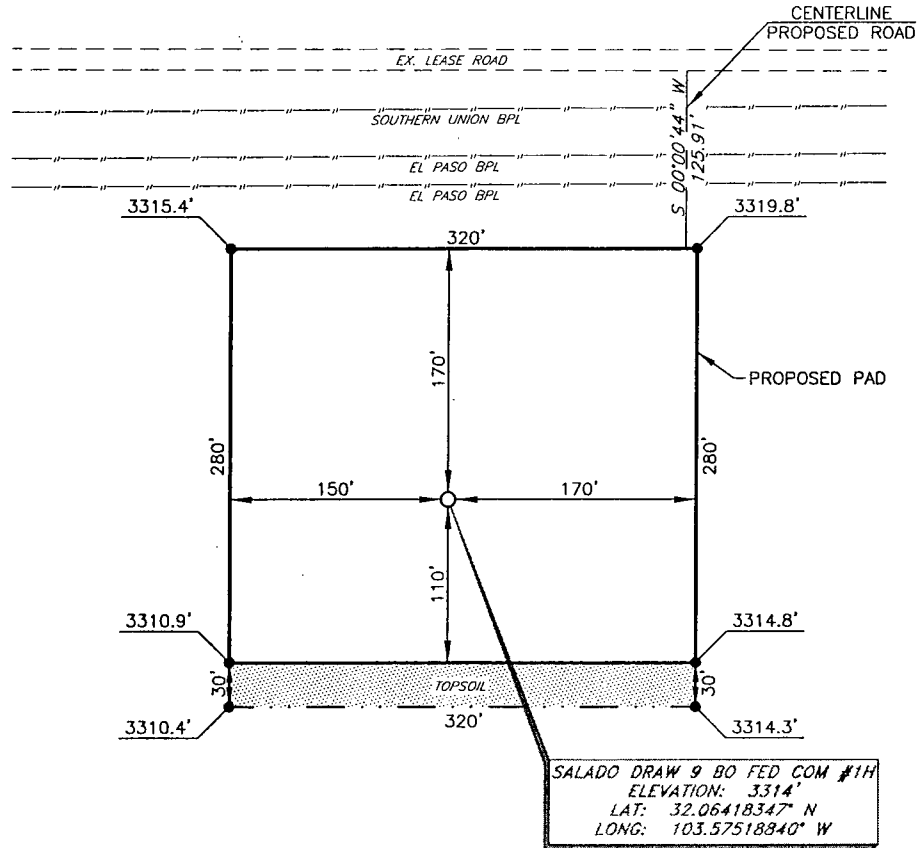
# 11" 3M BOPE & Closed Loop Equipment Schematic



"3"

# MEWBOURNE OIL COMPANY

Salado Draw 9 B0 Fed Com #1H  
(350' FNL & 2150' FEL)  
Section 9, T-26-S, R-33-E,  
N. M. P. M., Lea Co., New Mexico



SALADO DRAW 9 B0 FED COM #1H  
ELEVATION: 3314'  
LAT: 32.06418347° N  
LONG: 103.57518940° W

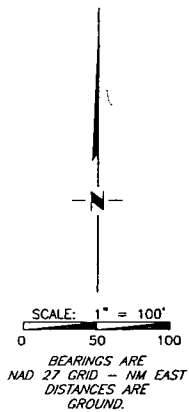
## DIRECTIONS TO LOCATION

From the intersection C-1 (Orla Hwy.) & J-2 (Battle Axe):

Go East on J-2 for approx. 11.3 miles.

Turn left and go West on a lease road approx. 1.2 mile to a road survey.

Follow road survey 126 feet to this location.



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|           |           |      |
|-----------|-----------|------|
| NO.       | REVISION  | DATE |
| JOB NO.:  | LS130470  |      |
| DWG. NO.: | 130470PAD |      |

PROSPERITY CONSULTANTS, LLC



308 W. Broadway St., Hobbs, NM 88240 | Firm No.: TX 10193838 NM 4655451 | (575) 964-8200

|                    |
|--------------------|
| SCALE: 1"=100'     |
| DATE: 11/6/13      |
| SURVEYED BY: BC/BK |
| DRAWN BY: AF       |
| APPROVED BY: LWB   |
| SHEET : 1 OF 1     |

H2S Diagram  
Closed Loop Pad Dimensions 280' x 320'

