

OCD-HOBBS

Form 3160-3
(August 2007)

HOBBS OCD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT SEP 06 2011

FORM APPROVED
OMB No. 1004-0137
Expires July 31, 2010

APPLICATION FOR PERMIT TO DRILL OR REENTER

RECEIVED

5. Lease Serial No. 1 EO-0316-0002 (NWSW)
2 NMLC 0063645 (NESW)
3 NMM 116168 (NWSE) 4 NMM 116167 (NESE)

6. If Indian, Allottee or Tribe Name

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

8. Lease Name and Well No. **(38707)**
Scratch Bear 24 Fed Com 1H

9. API Well No.

10. Field and Pool, or Exploratory

Delaware **(21655)**
11. Sec., T. R. M. or Blk. and Survey or Area
Section 24 T18S R33E

12. County or Parish
Lea

13. State
NM

1a. Type of work: DRILL REENTER

1b. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone

2. Name of Operator Devon Energy Production Company, LP

3a. Address 20 N. Broadway, OKC, OK 73102

3b. Phone No. (include area code)
405-228-8973

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

At surface 1980' FSL & 330' FWL, Unit L

At proposed prod. zone 1980' FSL & 330' FEL, Unit I

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

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 330'

16. No. of acres in lease
1. 320.00 Ac 2. 800.00 Ac
3. 274.69 Ac 4. 160.00 Ac

17. Spacing Unit dedicated to this well
160 ac

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 343'

19. Proposed Depth
5502' TVD
9877' MD PH 600'

20. BLM/BIA Bond No. on file
CO-1104

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
3874'

22. Approximate date work will start*
10/01/2011

23. Estimated duration
45 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

- 1. Well plat certified by a registered surveyor.
- 2. A Drilling Plan.
- 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
- 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- 5. Operator certification
- 6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature *Spence Laird*

Name (Printed/Typed)
Spence Laird

Date
04/25/2011

Title
Regulatory Analyst

Approved by (Signature) *Don Peterson*

Name (Printed/Typed)

Date **AUG 29 2011**

Title
FIELD MANAGER

Office
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)

Capitan Controlled Water Basin

K2 08/06/11

Approval Subject to General Requirements & Special Stipulations Attached

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

SEP 08 2011

DRILLING PROGRAM

HOBBS OCD

Devon Energy Production Company, LP
Scratch Bear 24 Federal Com 1H

SEP 06 2011

Surface Location: 1980' FSL & 330' FWL, Unit L, Sec 24 T18S R33E, Lea, NM
Bottom hole Location: 1980' FSL & 330' FEL, Unit I, Sec 24 T18S R33E, Lea, NM

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1. Geologic Name of Surface Formation

a. Permian

2. Estimated Tops of Geological Markers & Depths of Anticipated Fresh Water, Oil or Gas:

| Geologic Formation | Depth (TVD) | O/G/W | Penetration Point |
|------------------------------------|--------------------|--------------|--------------------------|
| a. Fresh Water | 120' | Water | 1980' FSL & 330' FWL |
| b. Rustler | 1599' | Barren | 1980' FSL & 330' FWL |
| c. Salado | 1869' | Barren | 1980' FSL & 330' FWL |
| d. Base Salt | 2993' | Barren | 1980' FSL & 330' FWL |
| e. Yates | 3132' | Barren | 1980' FSL & 330' FWL |
| f. Seven Rivers | 3691' | Oil | 1980' FSL & 330' FWL |
| g. Queen | 4310' | Oil | 1980' FSL & 330' FWL |
| h. Brushy Canyon | 4635' | Oil | 1980' FSL & 330' FWL |
| i. Graysburg (assumed KOP) | 4972' | Oil | 1980' FSL & 330' FWL |
| j. Horizontal Ldg Depth (TVD) | 5544' | Oil | 1980' FSL & 900' FWL |
| k. Delaware | 5524' | Oil | 1980' FSL & 330' FWL |
| l. Approx. Total Depth for Lateral | 5500' | Oil | 1980' FSL & 330' FEL |
| m. Pilot Hole TD | 6000' | Oil | 1980' FSL & 330' FWL |

Note: This well will have a pilot hole reaching TD at approximately 6000'.

No other formations are expected to yield oil, gas or fresh water in measurable volumes. The surface fresh water sands will be protected by setting 17 1/2" casing at 1650' and circulating cement back to surface. Fresh water sands will be protected by setting 9 5/8" casing at 3100' and circulating cement to surface. The Delaware intervals will be isolated by setting 5 1/2" casing to total depth and circulating cement above the base of the 9 5/8" casing.

3. Casing Program:

| Hole Size | Hole Interval | OD Csg | Casing Interval | Weight | Collar | Grade |
|------------------|----------------------|---------------|------------------------|---------------|---------------|--------------|
| 17 1/2" | 0 - 1650' | 13 3/8" | 0'-1650' | 54.5# | STC | J-55 |
| 12 1/4" | 1650-3100' | 9 5/8" | 0'-3100' | 40# | LTC | J-55 |
| 8 3/4" | 3100-6000' | Pilot Hole | | | | |
| 8 3/4" | 3100-4800' | 5 1/2" | 0-4800' | 17# | LTC | N80 |
| 8 3/4" | 4800-9900' | 5 1/2" | 4800-9900' | 17# | BTC | N80 |

Design Parameter Factors:

| <u>Casing Size</u> | <u>Collapse Design Factor</u> | <u>Burst Design Factor</u> | <u>Tension Design Factor</u> |
|--------------------|-------------------------------|----------------------------|------------------------------|
| 13 3/8" 54.5# | 1.31 | 3.18 | 5.71 |
| 9 5/8" 40# | 1.59 | 2.45 | 5.08 |
| 5 1/2" 17# | 2.71 | 3.92 | 4.34 |
| 5 1/2" 17# | 2.35 | 2.89 | 2.09 |

4. Cement Program: (Cement volumes based on at least 25% excess)

13-3/8" Surface **Lead:** 980 sacks (35:65) Poz (Fly Ash):Class C Cement + 5% bwow Sodium Chloride + 0.125 lbs/sack Cello Flake + 3 lbs/sack LCM-1 + 4% bwoc Bentonite + 0.8% bwoc Sodium Metasilicate + 5% bwoc MPA-5 + 98.2% Fresh Water
Yield: 1.97 cf/sk **TOC @ Surface**
Tail: 300 sacks Class C Cement + 1% bwoc Calcium Chloride + 0.125 lbs/sack Cello Flake + 56.2% Fresh Water **Yield:** 1.34 cf/sk

9 5/8" Intermediate

1st stage

Lead: 365 sacks (35:65) Poz (Fly Ash):Class C Cement + 5% bwow Sodium Chloride + 0.125 lbs/sack Cello Flake + 3 lbs/sack LCM-1 + 4% bwoc Bentonite + 0.8% bwoc Sodium Metasilicate + 5% bwoc MPA-5 + 98.2% Fresh Water **Yield:** 1.97 cf/sk **TOC @ 1700'**
Tail: 300 sacks Class C Cement + 0.125 lbs/sack Cello Flake + 56.1% Fresh Water **Yield:** 1.33 cf/sk
DV Tool @ 1700'

2nd Stage

Lead: 275 sacks (35:65) Poz (Fly Ash):Class C Cement + 5% bwow Sodium Chloride + 0.125 lbs/sack Cello Flake + 3 lbs/sack LCM-1 + 4% bwoc Bentonite + 0.8% bwoc Sodium Metasilicate + 5% bwoc MPA-5 + 98.2% Fresh Water **Yield:** 1.97 cf/sk **TOC:** surface
Tail: 200 sacks Class C Cement + 0.125 lbs/sack Cello Flake + 53.5% Fresh Water **Yield:** 1.29 cf/sk

5 1/2" Production

1st Stage

Lead: 225 sacks (35:65) Poz (Fly Ash):Class H Cement + 5% bwow Sodium Chloride + 0.125 lbs/sack Cello Flake + 0.1% bwoc ASA-301 + 6% bwoc Bentonite + 0.2% bwoc FL-52A + 107.8% Fresh Water **Yield:** 2.04 cf/sk **TOC @ 4,000'**
Tail: 1290 sacks (50:50) Poz (Fly Ash):Class H Cement + 5% bwow Sodium Chloride + 0.3% bwoc CD-32 + 0.5% bwoc FL-25 + 0.6% bwoc Sodium Metasilicate + 0.2% bwoc FL-52A + 57.4% Fresh Water **Yield:** 1.28 cf/sk
DV TOOL at 4,000'

2nd Stage

Lead: 135 sacks Class C Cement + 0.75% bwoc R-3 + 0.125 lbs/sack Cello Flake + 3% bwoc Sodium Metasilicate + 157% Fresh Water **Yield:** 2.88 cf/sk **TOC @ 2600'**
Tail: 150 sacks Class C Cement **Yield:** 1.33cf/sk

8 3/4" Pilot Hole

Plug 1: 450 sacks Class H Cement, **yield** 1.18 cf/sk **TOC 4950'**

The above cement volumes could be revised pending the caliper measurement from the open hole logs. The top of cement is designed to reach approximately 500' above the 9 5/8" casing shoe. All casing is new and API approved.

Positive standoff centralizers will be utilized for the production string every other joint of casing from 100' MD above KOP or at the legal footage setback, whichever ever is the deeper MD, up to TOC.

5. Pressure Control Equipment:

The BOP system used to drill the intermediate hole will consist of a 13-5/8" 2M Double Ram, and Annular preventer. The BOP system will be tested as per BLM Onshore Oil and Gas Order No. 2 as a **2M system** prior to drilling out the surface casing shoe.

The BOP system used to drill the production hole will consist of a 11" 3M Double Ram and Annular preventer. The BOP system will be tested as per BLM Onshore Oil and Gas Order No. 2 as a **3M system** prior to drilling out the intermediate casing shoe.

Pipe rams will be operated and checked each 24 hour period and blind rams tested each time the drill pipe is out of the hole. These tests will be logged in the daily log. A 2" kill line and 3" choke line will be incorporated into the drilling spool below the ram BOP. In addition to the rams and annular preventer, additional BOP accessories include a kelly cock, floor safety valve, choke lines, and choke manifold rated at 3,000 psi WP.

6. Proposed Mud Circulation System

| <u>Depth</u> | <u>Mud Wt.</u> | <u>Visc.</u> | <u>Fluid Loss</u> | <u>Type System</u> |
|---------------|----------------|--------------|-------------------|--------------------|
| 0' - 1650' | 8.4-9.0 | 30-34 | NC | FW |
| 1650' - 3100' | 9.8-10.0 | 28-32 | NC | Brine |
| 3100' - 9900' | 8.6-9.3 | 28-32 | NC | FW |

The necessary mud products for weight addition and fluid loss control will be on location at all times.

7. Auxiliary Well Control and Monitoring Equipment:

- a. A Kelly cock will be in the drill string at all times.
- b. A full opening drill pipe stabbing valve having the appropriate connections will be on the rig floor at all times.
- c. Hydrogen Sulfide detection equipment will be in operation after drilling out the 13 3/8" casing shoe until the 5 1/2" casing is cemented. Breathing equipment will be on location upon drilling the 13 3/8" shoe until total depth is reached.

8. Logging, Coring, and Testing Program: *See COA*

- a. Drill stem tests will be based on geological sample shows.
- b. If a drill stem test is anticipated; a procedure, equipment to be used and safety measures will be provided via sundry notice to the BLM.
- c. The open hole electrical logging program will be:
 - i. Total Depth to Intermediate Casing Dual Laterolog-Micro Laterolog with SP and Gamma Ray. Compensated Neutron – Z Density log with Gamma Ray and Caliper.
 - ii. Total Depth to Surface Compensated Neutron with Gamma Ray
 - iii. No coring program is planned
 - iv. Additional testing will be initiated subsequent to setting the 5 ½” production casing. Specific intervals will be targeted based on log evaluation, geological sample shows and drill stem tests.

9. Potential Hazards:

- a. No abnormal pressures or temperatures are expected. There is no known presence of H2S in this area; therefore, no H2S is anticipated to be encountered. If H2S is encountered the operator will comply with the provisions of Onshore Oil and Gas Order No. 6. No lost circulation is expected to occur. All personnel will be familiar with all aspects of safe operation of equipment being used to drill this well. Estimated BHP 3000 psi and Estimated BHT 135°.

10. Anticipated Starting Date and Duration of Operations:

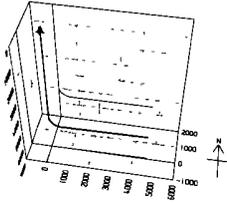
- a. Road and location construction will begin after the BLM has approved the APD. Anticipated spud date will be as soon after BLM approval and as soon as a rig will be available. Move in operations and drilling is expected to take 32 days. If production casing is run then an additional 30 days will be needed to complete well and construct surface facilities and/or lay flow lines in order to place well on production.

~~Depending on rig availability, Devon may set the surface casing using an Ashton Oilfield Services rig. The rig plat is attached. This rig will be used only to set the surface casing and will leave the location once the surface casing has been run and cemented. Another rig will drill the remainder of the wellbore. The reasons for using the smaller rig to set surface are: rig availability and economics.~~

~~The BLM will be contacted 24 hours prior to commencing drilling operations. The surface casing will be run and cemented back to surface as per the approved APD. The well will be secured with a cap welded onto the surface casing. Another rig will be on location to drill the remainder of the wellbore within 60 days after the Ashton rig has left the location.~~



Company: Devon Energy
 Project: Lea County (NAD83)
 Site: Sec 24-T18S-R33E
 Well: Scratch Bear 24 Fed Com #1H
 Wellbore: Wellbore #1
 Design: Plan #1
 Lat: 32° 43' 52.972 N
 Long: 103° 37' 26.837 W
 GL: 0.0



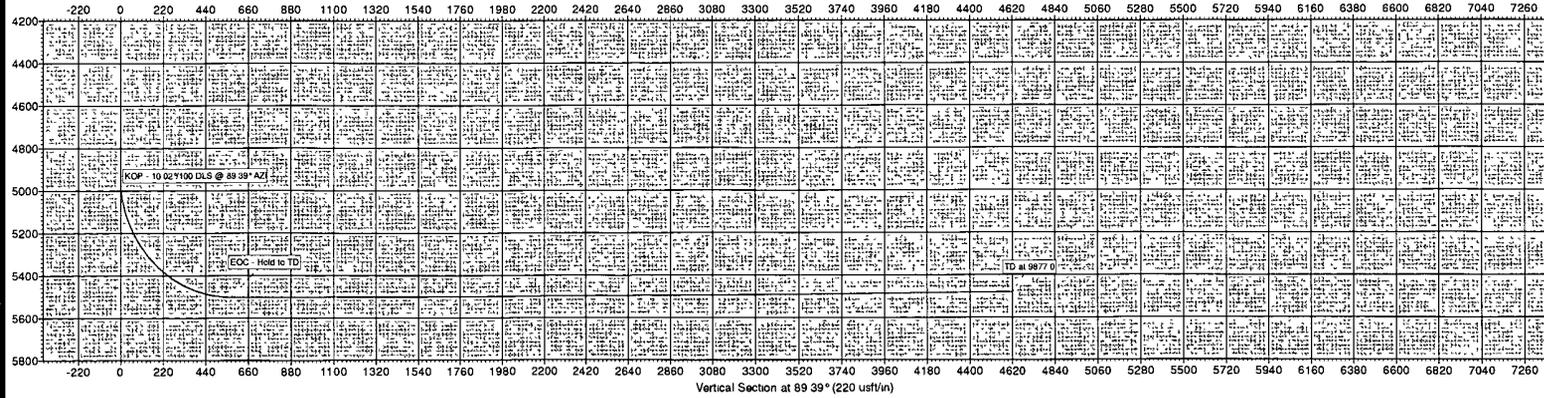
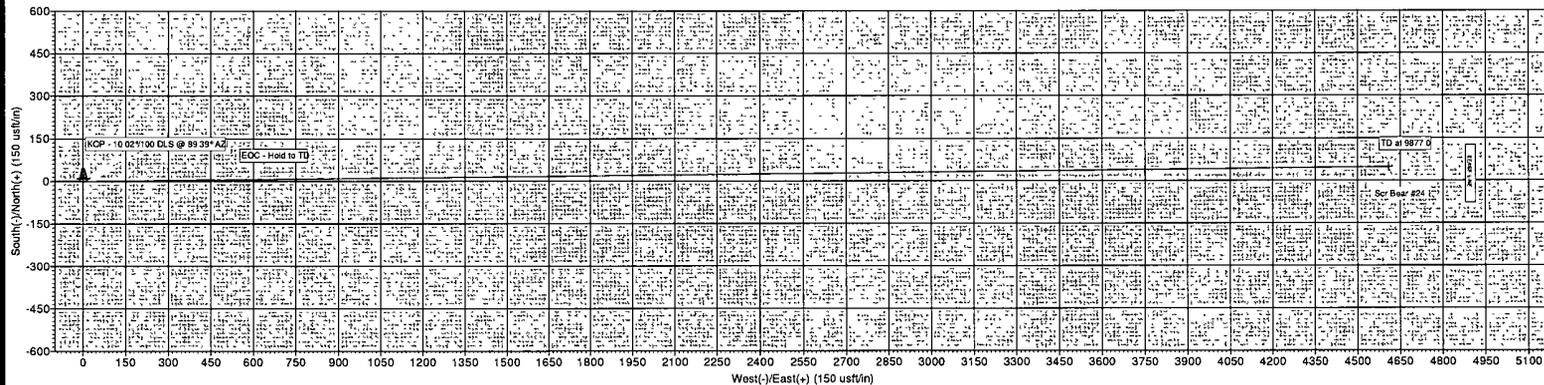
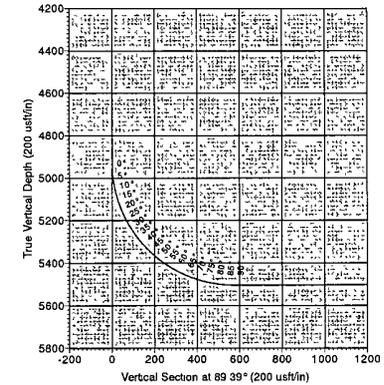
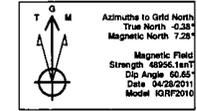
| WELL DETAILS Scratch Bear 24 Fed Com #1H | | | | | | |
|--|------|-----------|-----------|------------------|-------------------|------|
| +N S | +E-W | Northing | Easting | Latitude | Longitude | Spot |
| 0.0 | 0.0 | 630537.86 | 759424.04 | 32° 43' 52.972 N | 103° 37' 26.837 W | |

| WELLBORE TARGET DETAILS (LAT/LONG) | | | | | | |
|------------------------------------|--------|------|--------|------------------|-------------------|-------------|
| Name | TVD | +N-S | +E-W | Latitude | Longitude | Shape Point |
| Scr Bear #24 | 5480.0 | 49.0 | 4569.3 | 32° 43' 53.149 N | 103° 36' 32.875 W | |

| SECTION DETAILS | | | | | | | |
|-----------------|-------|-------|--------|------|--------|------------|--------|
| MD | Inc | Azi | TVD | +N-S | +E-W | Diag TFace | V Sect |
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.0 |
| 4330.0 | 0.00 | 0.00 | 4330.0 | 0.0 | 0.0 | 0.00 | 0.0 |
| 5628.5 | 90.00 | 89.33 | 5628.0 | 6.1 | 572.0 | 10.02 | 89.33 |
| 9877.0 | 90.62 | 89.33 | 5480.1 | 43.2 | 4629.2 | 0.02 | 0.00 |

| PROJECT DETAILS Lea County (NAD83) | | | |
|------------------------------------|---------------------------|--|--|
| Geodetic System | US State Plane 1983 | | |
| Datum | North American Datum 1983 | | |
| Ellipsoid | GRS 1980 | | |
| Zone | New Mexico Eastern Zone | | |
| System Datum | Mean Sea Level | | |

| SITE DETAILS Sec 24-T18S-R33E | | | |
|-------------------------------|-------------------|--|--|
| Site Centre Latitude | 32° 43' 52.972 N | | |
| Site Centre Longitude | 103° 37' 26.837 W | | |
| Positional Uncertainty | 0.0 | | |
| Convergence | 0.38 | | |
| Local North | Grid | | |



Devon Energy

Lea County (NAD83)

Sec 24-T18S-R33E

Scratch Bear 24 Fed Com #1H

Wellbore #1

HOBBS OCD

Plan: Plan #1

SEP 06 2011

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Standard Planning Report

29 April, 2011

Great White Directional Services Planning Report

| | | | |
|------------------|-----------------------------|-------------------------------------|-------------------------------------|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well Scratch Bear 24 Fed Com #1H |
| Company: | Devon Energy | TVD Reference: | WELL @ 0.0usft (Original Well Elev) |
| Project: | Lea County (NAD83) | MD Reference: | WELL @ 0.0usft (Original Well Elev) |
| Site: | Sec 24-T18S-R33E | North Reference: | Grid |
| Well: | Scratch Bear 24 Fed Com #1H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan #1 | | |

| | | | |
|------------------------------------|---------------------------|----------------------|----------------|
| Project: Lea County (NAD83) | | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | New Mexico Eastern Zone | | |

| | | | |
|-------------------------------|----------|--------------------------|-------------------|
| Site: Sec 24-T18S-R33E | | | |
| Site Position: | | Northing: | 630,537.88 usft |
| | | Latitude: | 32° 43' 52.972 N |
| From: | Map | Easting: | 759,424.04 usft |
| | | Longitude: | 103° 37' 26.837 W |
| Position Uncertainty: | 0.0 usft | Slot Radius: | 13-3/16 " |
| | | Grid Convergence: | 0.38 ° |

| | | | |
|--|-------|----------|-------------------------------------|
| Well: Scratch Bear 24 Fed Com #1H | | | |
| Well Position | +N/-S | 0.0 usft | Northing: 630,537.88 usft |
| | | | Latitude: 32° 43' 52.972 N |
| | +E/-W | 0.0 usft | Easting: 759,424.04 usft |
| | | | Longitude: 103° 37' 26.837 W |
| Position Uncertainty | | 0.0 usft | Wellhead Elevation: 0.0 usft |
| | | | Ground Level: 0.0 usft |

| | | | | | |
|------------------------------|-------------------|--------------------|--------------------|------------------|-----------------------|
| Wellbore: Wellbore #1 | | | | | |
| Magnetics | Model Name | Sample Date | Declination | Dip Angle | Field Strength |
| | | | (°) | (°) | (nT) |
| | IGRF2010 | 04/28/11 | 7.67 | 60.65 | 48,956 |

| | | | | |
|--------------------------|-------------------------|--------------|----------------------|------------------|
| Design: Plan #1 | | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PLAN | Tie On Depth: | 0.0 |
| Vertical Section: | Depth From (TVD) | +N/-S | +E/-W | Direction |
| | (usft) | (usft) | (usft) | (°) |
| | 0.0 | 0.0 | 0.0 | 89.39 |

| 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 | |
| 4,930.0 | 0.00 | 0.00 | 4,930.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 5,828.5 | 90.00 | 89.39 | 5,502.0 | 6.1 | 572.0 | 10.02 | 10.02 | 0.00 | 89.39 | |
| 9,877.0 | 90.62 | 89.39 | 5,480.1 | 49.2 | 4,620.2 | 0.02 | 0.02 | 0.00 | 0.00 | |

| Planned Survey | | | | | | | | | | |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | |
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | |
| 4,930.0 | 0.00 | 0.00 | 4,930.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | |
| 5,828.5 | 90.00 | 89.39 | 5,502.0 | 6.1 | 572.0 | 572.0 | 10.02 | 10.02 | 0.00 | |
| 9,877.0 | 90.62 | 89.39 | 5,480.1 | 49.2 | 4,620.2 | 4,620.4 | 0.02 | 0.02 | 0.00 | |

Great White Directional Services Planning Report

| | | | |
|------------------|-----------------------------|-------------------------------------|-------------------------------------|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well Scratch Bear 24 Fed Com #1H |
| Company: | Devon Energy | TVD Reference: | WELL @ 0.0usft (Original Well Elev) |
| Project: | Lea County (NAD83) | MD Reference: | WELL @ 0.0usft (Original Well Elev) |
| Site: | Sec 24-T18S-R33E | North Reference: | Grid |
| Well: | Scratch Bear 24 Fed Com #1H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan #1 | | |

Design Targets

| Target Name | Dip Angle | Dip Dir. | TVD | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude |
|--|-----------|----------|---------|--------|---------|------------|------------|------------------|-------------------|
| - hit/miss target | (°) | (°) | (usft) | (usft) | (usft) | (usft) | (usft) | | |
| - Shape | | | | | | | | | |
| Scr Bear #24 | 0.00 | 0 00 | 5,480.0 | 49.0 | 4,609.3 | 630,586 90 | 764,033.38 | 32° 43' 53.149 N | 103° 36' 32.875 W |
| - plan misses target center by 0.2usft at 9866.2usft MD (5480.2 TVD, 49.1 N, 4609.3 E) | | | | | | | | | |
| - Point | | | | | | | | | |

Plan Annotations

| Measured Depth | Vertical Depth | Local Coordinates | | Comment |
|----------------|----------------|-------------------|---------|-----------------------------------|
| | | +N/-S | +E/-W | |
| (usft) | (usft) | (usft) | (usft) | |
| 4,930.0 | 4,930.0 | 0.0 | 0.0 | KOP - 10.02°/100 DLS @ 89.39° AZI |
| 5,828.5 | 5,502.0 | 6.1 | 572.0 | EOC - Hold to TD |
| 9,877.0 | 5,480.1 | 49.2 | 4,620.2 | TD at 9877.0 |

Attachment to Exhibit #1
NOTES REGARDING BLOWOUT PREVENTERS
Devon Energy Production Company, LP

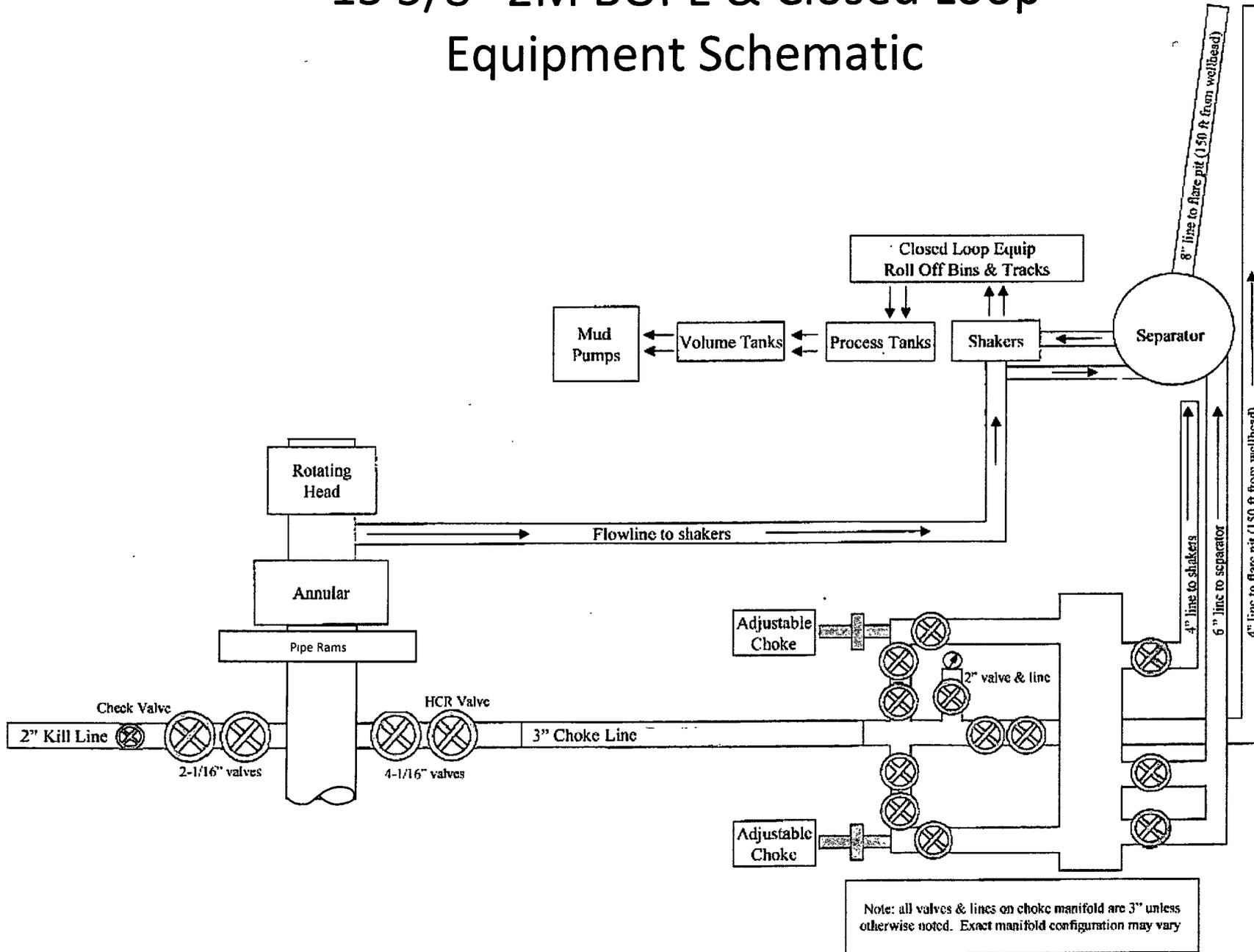
Scratch Bear 24 Federal Com 1H

Surface Location: 1980' FSL & 330' FWL, Unit L, Sec 24 T18S R33E, Lea, NM

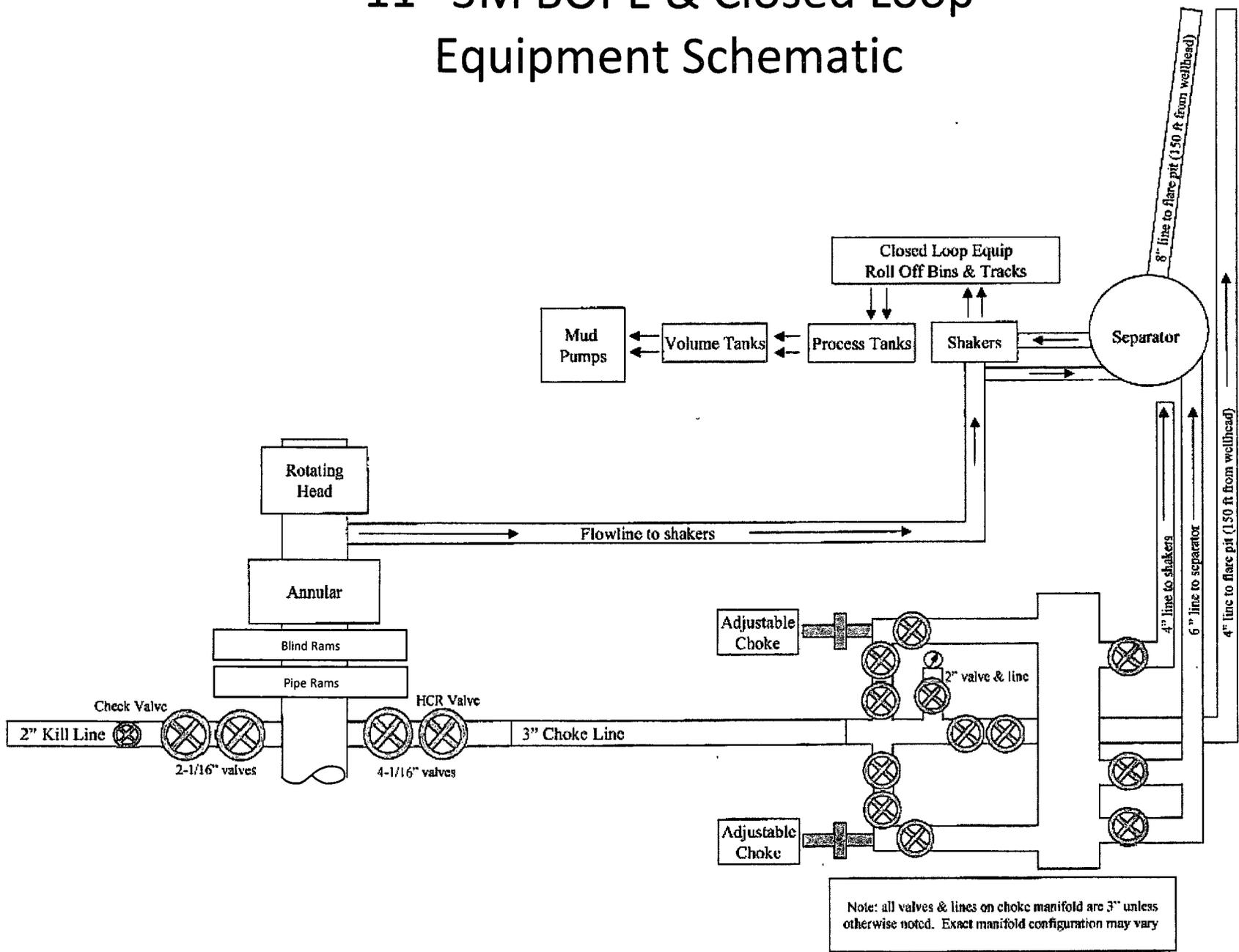
Bottom hole Location: 1980' FSL & 330' FEL, Unit I, Sec 24 T18S R33E, Lea, NM

1. Drilling nipple will be constructed so it can be removed mechanically without the aid of a welder. The minimum internal diameter will equal BOP bore.
2. Wear ring will be properly installed in head.
3. Blowout preventer and all associated fittings will be in operable condition to withstand a minimum 3000 psi working pressure.
4. All fittings will be flanged.
5. A full bore safety valve tested to a minimum 3000 psi WP with proper thread connections will be available on the rotary rig floor at all times.
6. All choke lines will be anchored to prevent movement.
7. All BOP equipment will be equal to or larger in bore than the internal diameter of the last casing string.
8. Will maintain a kelly cock attached to the kelly.
9. Hand wheels and wrenches will be properly installed and tested for safe operation.
10. Hydraulic floor control for blowout preventer will be located as near in proximity to driller's controls as possible.
11. All BOP equipment will meet API standards and include a minimum 40 gallon accumulator having two independent means of power to initiate closing operation.

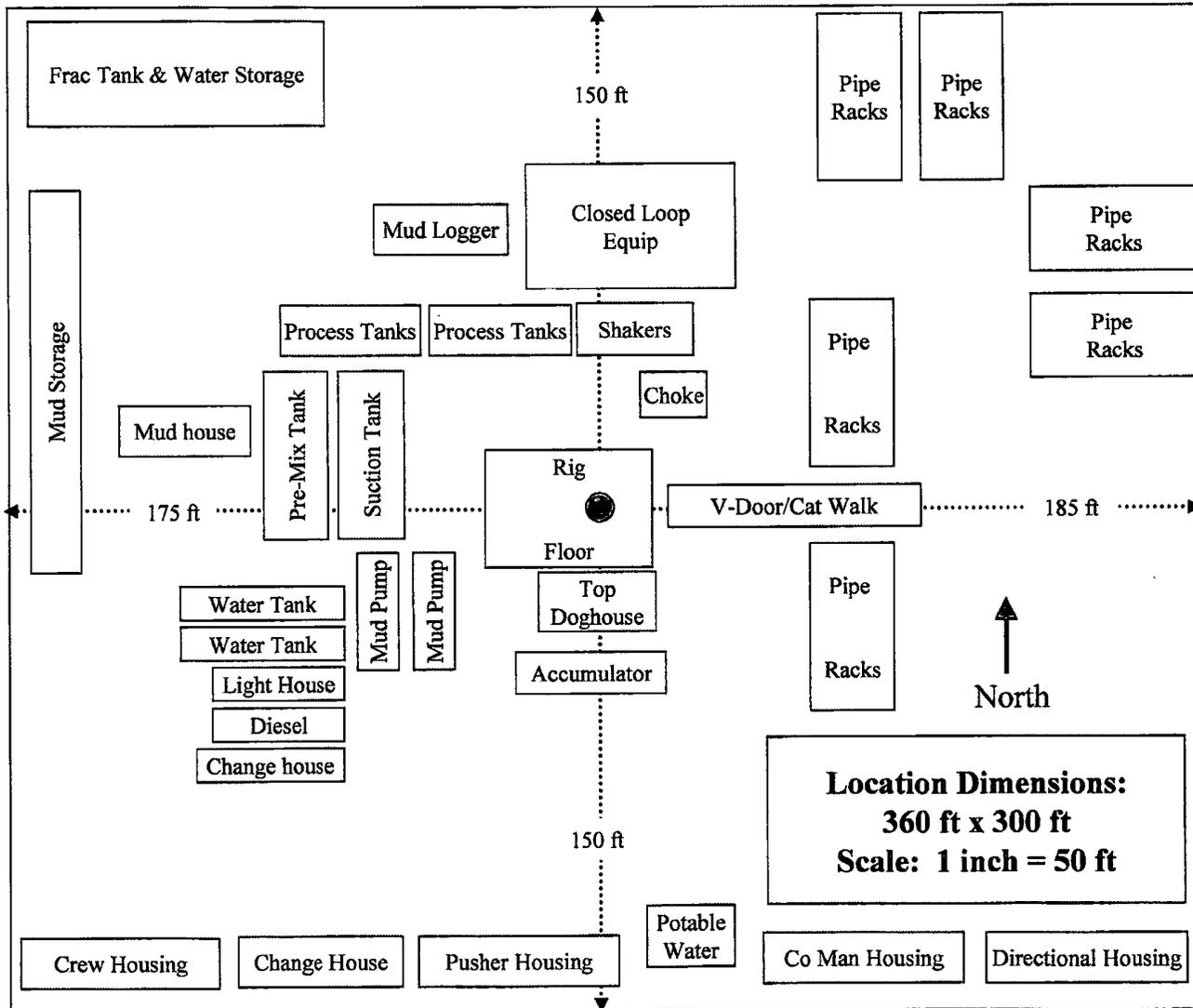
13 5/8" 2M BOPE & Closed Loop Equipment Schematic



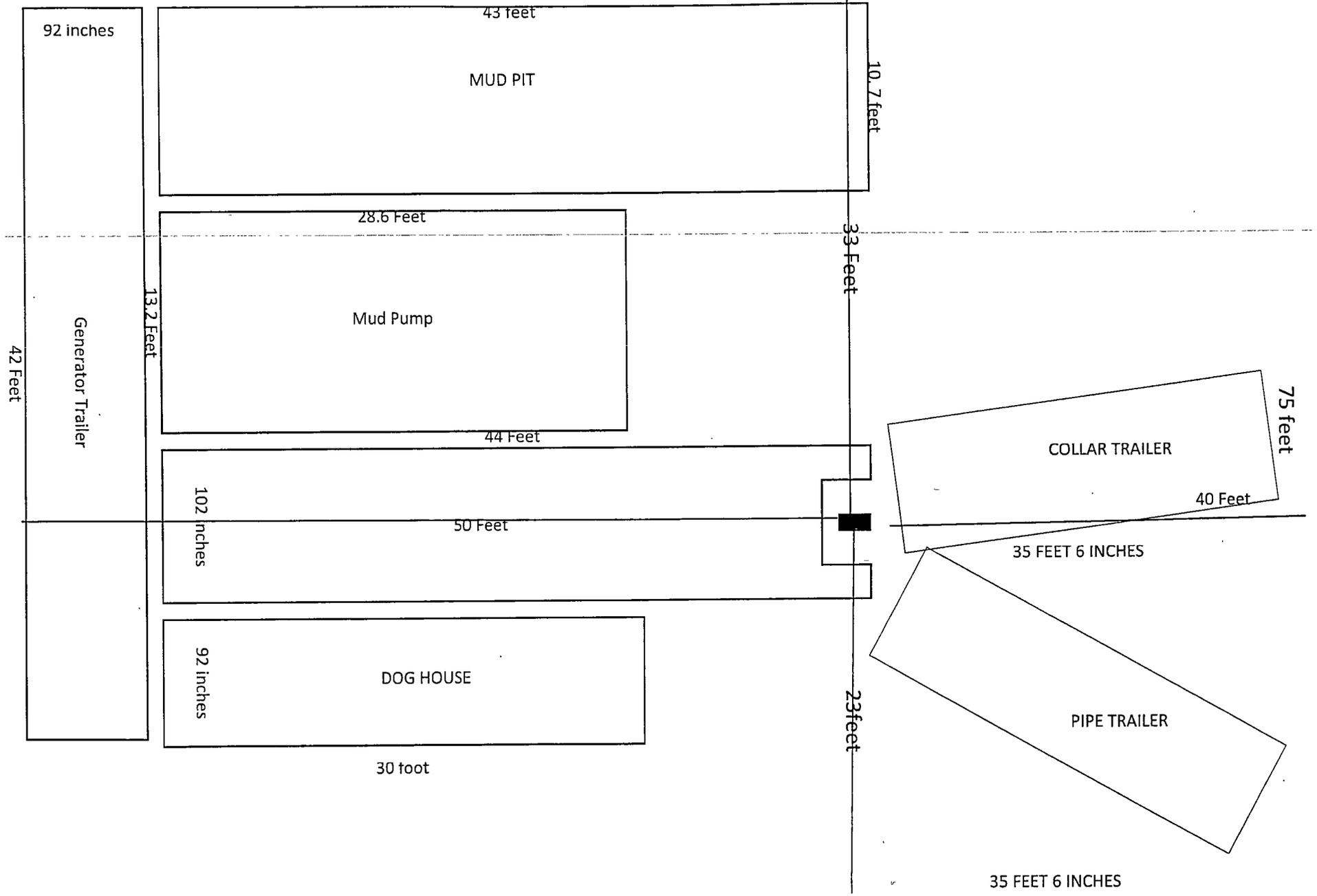
11" 3M BOPE & Closed Loop Equipment Schematic



Conventional Rig Location Layout



95 FEET



Ashton Rig "Spudder Rig" Layout



Proposed Interim Site Reclamation

Devon Energy Production Co.
Scratch Bear "24"
Federal Com 1H
1,980' FSL & 330' FWL
Sec. 24 - T18S - R33E
Lea County, NM

Proposed Reclamation Area



1" : 60'

