

7012

Form 3160-3  
(April 2004)

K-04-52

0878

**N.M. Oil Cons. DIV-Dist. 2**  
**1301 W. Grand Avenue**  
**Artesia, NM 88210**

**POTASH**

FORM APPROVED  
 OMB No. 1004-0137  
 Expires March 31, 2007

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT

**APPLICATION FOR PERMIT TO DRILL OR REENTER**

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. LC-066087A
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" 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 Edge Petroleum Operating Company, Inc.		7. If Unit or CA Agreement, Name and No. NM NM 105316
3a. Address 1301 Travis, Suite 2000 Houston, TX 77002		8. Lease Name and Well No. Southwest TT 6 Federal #1
3b. Phone No. (include area code) 713-654-8960		9. API Well No. 30-015-33666
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface 1980' FNL & 800' FWL At proposed prod. zone 1980' FNL & 800' FWL <b>Let S</b>		10. Field and Pool, or Exploratory Turkey Track (Morrow) (Atoka)
14. Distance in miles and direction from nearest town or post office* 9 miles south of Loco Hills		11. Sec., T. R. M. or Blk. and Survey or Area Section 6, T-19-S, R-30-E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 800'	16. No. of acres in lease 156.49	12. County or Parish Eddy County
17. Spacing Unit dedicated to this well W/2 Section 6 (313.04 acres)	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 1,200'	13. State NM
19. Proposed Depth 11,800	20. BLM/BIA Bond No. on file NM B 000121	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3420' GL	22. Approximate date work will start* 08/26/2004	23. Estimated duration 35 days

**24. Attachments**

**CAPITAN CONTROLLED WATER BASIN**

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall 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 shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature <i>Randall K. Ford</i>	Name (Printed/Typed) Randall K. Ford	Date 08/16/2004
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Title  
Consultant

Approved by (Signature) <i>/s/ Jesse J. Juen</i>	Name (Printed/Typed) <b>Jesse J. Juen</b>	Date OCT 01 2004
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Title <b>ACTING STATE DIRECTOR</b>	Office <b>NM STATE OFFICE</b>
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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 1 YEAR**

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.

\*(Instructions on page 2)

APPROVAL SUBJECT TO  
 GENERAL REQUIREMENTS  
 AND SPECIAL STIPULATIONS  
 ATTACHED

RECEIVED

OCT 07 2004

OCD-ARTESIA

# State of New Mexico

## DISTRICT I

1625 N. FRENCH DR., BOBBS, NM 88240

## DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

## DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

Energy, Minerals and Natural Resources Department

# OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102

Revised JUNE 10, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
Property Code 224400	Property Name SOUTHWEST TT 6 FEDERAL	Well Number 1
OGRID No.	Operator Name EDGE PETROLEUM OPERATING COMPANY, INC.	Elevation 3420'

### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
5	6	19-S	30-E		1980'	NORTH	800'	WEST	EDDY

### Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 313	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>LOT 4</p> <p>LOT 3</p> <p>LOT 2</p> <p>LOT 1</p> <p>LOT 5</p> <p>LOT 6</p> <p>LOT 7</p> <p>38.22 AC</p> <p>40.06 AC</p> <p>40.06 AC</p> <p>40.06 AC</p> <p>3416.4'</p> <p>3416.1'</p> <p>800'</p> <p>600'</p> <p>3415.4'</p> <p>3411.4'</p> <p>38.21 AC</p> <p>38.25 AC</p> <p>38.30 AC</p> <p>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=615310.2 N X=597455.1 E</p> <p>LAT.=32°41'28.27" N LONG.=104°00'59.61" W</p>	<h3>OPERATOR CERTIFICATION</h3> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Randall K. Ford</i></p> <p>Signature</p> <p>Randell K. Ford</p> <p>Printed Name</p> <p>Consultant</p> <p>Title</p> <p>August 3, 2004</p> <p>Date</p> <h3>SURVEYOR CERTIFICATION</h3> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>JULY 14, 2004</p> <p>Date Surveyed</p> <p>Signature &amp; Seal of Professional Surveyor</p> <p><i>Gary E. Edson</i> 7/19/04</p> <p>04.11.0869</p> <p>Certificate No. GARY EDSON 12841</p>
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## DRILLING PROGRAM

### **EDGE PETROLEUM OPERATING COMPANY, INC. SOUTHWEST TT 6 FEDERAL #1**

Section 6, T-19-S, R-30-E  
Eddy County, New Mexico

The following items supplement Form 3160-3 in accordance with instructions contained in Onshore Oil and Gas Orders #1 and #2, and all other applicable federal and state regulations.

1. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Yates	1,300'
Queen	2,290'
Grayburg	2,600'
San Andres	3,100'
Bone Spring lm	4,890'
3 <sup>rd</sup> Bone Spring sd	8,790'
Wolfcamp	9,210'
Strawn lm	10,510'
Atoka (Clastics)	10,890'
Morrow lm	11,010'
Middle Morrow sd	11,380'
Lower Morrow sd	11,530'
Barnett sh	11,650'
Mississippian sd	11,750'
Total Depth	11,800'

2. ESTIMATED DEPTHS TO WATER, OIL, OR GAS FORMATIONS:

Fresh Water	Above 200'
Oil and Gas	San Andres, Bone Springs, Atoka, Strawn and Morrow

3. Pressure control equipment: The blow out preventer equipment (BOP) shown in Exhibit #1 will consist of a 3000 psi double ram type preventer for drilling the intermediate hole. The blowout preventer stack for the production hole will consist of at least a double-ram blowout preventer and annular preventer rated to 3000 psi working pressure. A diagram of the BOPs and choke manifold is attached. All BOPs and accessory equipment will be tested according to Onshore Order #2 before drilling out.

#### 4. PROPOSED CASING PROGRAM:

<u>Hole Size</u>	<u>Interval</u>	<u>Casing Size</u>	<u>Weight</u>	<u>Grade, Joint</u>
17-1/2"	0 – 350'	13-3/8"	48#	H-40 ST&C
12-1/4"	0 – 3,050	9-5/8"	43.5#	K-55 LT&C
8-1/2"	0 – 11,800'	5-1/2"	20#	N-80 LT&C

Equivalent or adequate grades and weights of casing may be substituted at time casing is run, depending on availability. Changes will be relayed to BLM prior to running.

#### 5. PROPOSED CEMENTING PROGRAM

20" conductor	cemented with ready mix to surface	
13-3/8" surface	250 sxs Premium Plus cement, 2% calcium chloride	WITNESS
9-5/8" intermediate	500 sxs Interfill "C" cement, 1/4# per sx Flocele	
	200 sxs Premium Plus cement	
5-1/2" production	200 sxs Light Cement	
	200 sxs Super "H" cement .5% Halad, .4% CFR-3, 3# per sx	
	Gilsonite	

#### 6. PROPOSED MUD SYSTEM:

<u>DEPTH</u>	<u>DESCRIPTION</u>	<u>MUD WEIGHT</u>	<u>VISCOSITY</u>	<u>WATER LOSS</u>
0 – 350'	fresh water	8.6 – 8.8 ppg	28 – 30	NC
350 – 3,050'	brine water	10.0 – 10.2 ppg	28 – 34	NC
3,050 – 11,800'	fresh/brine/mud	8.4 – 10.4 ppg	28 – 40	6-8 cc

#### 7. TESTING, LOGGING AND CORING PROGRAM:

Samples	From 2,000'
DST's	Potential DST Zones: Wolfcamp reef, Strawn lm, Atoka sand, Mid/Lwr Morrow sd
Logging	Dual Lateral, Gamma Ray, Caliper, Density Neutron, PE Factor
Coring	Possible sidewall core: Grayburg, San Andres, Strawn lm, Atoka sand, Mid/Lwr Morrow sd

#### 8. ABNORMAL PRESSURES AND TEMPERATURES:

None anticipated. Maximum bottom hole pressure should not exceed 4,900psi. Although we do not anticipate encountering H<sub>2</sub>S in amounts significant enough to require an H<sub>2</sub>S contingency plan in accordance with Rule 118 of the OCD, we have prepared an H<sub>2</sub>S drilling plan, which follows.

## **ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:**

It is planned that operations will commence on August 26, 2004. Drilling should be completed within 35 days followed by completion operations.

## **HYDROGEN SULFIDE DRILLING OPERATIONS PLAN**

### **EDGE PETROLEUM OPERATING COMPANY, INC.**

#### **Southwest TT 6 Federal #1**

#### **I. HYDROGEN SULFIDE TRAINING**

- A.** All regularly assigned personnel, contracted or employed by Cabal Energy Corporation, will receive training from a qualified instructor in the following areas prior to commencing drilling potential hydrogen sulfide bearing formations in this well:
  - 1.** The hazards and characteristics of hydrogen sulfide (H<sub>2</sub>S).
  - 2.** The proper use and maintenance of personal protective equipment and life support systems.
  - 3.** The proper use of H<sub>2</sub>S detectors, alarms, warning systems, briefing areas, evacuation procedures and prevailing winds.
  - 4.** The proper techniques for first aid and rescue procedures.
- B.** In addition, supervisory personnel will be trained in the following areas:
  - 1.** The effects of H<sub>2</sub>S on metal components. If high tensile tubulars are to be used, personnel will be trained in their special maintenance requirements.
  - 2.** Corrective action and shut-in procedures when drilling or reworking a well and blowout prevention and well control procedures.
  - 3.** The contents and requirements of the H<sub>2</sub>S Drilling Operations Plan.

- C. There will be an initial training session just prior to encountering a known or probable H<sub>2</sub>S zone (within 3 days or 500 feet) and weekly H<sub>2</sub>S and well control drills for all personnel in each crew. The initial training session shall include a review of the site specific H<sub>2</sub>S Drilling Operations Plan. This plan shall be available at the well site. All personnel will be required to carry documentation that they have received the proper training.

## II. H<sub>2</sub>S SAFETY EQUIPMENT AND SYSTEMS

Note: All H<sub>2</sub>S safety equipment and systems will be installed, tested and operational when drilling reaches a depth of 500 feet above, or three days prior to penetrating the first zone containing or reasonably expected to contain H<sub>2</sub>S.

### A. Well Control Equipment.

1. Flare line with continuous pilot.
2. Choke manifold with a minimum of one remote choke.
3. Blind rams and pipe rams to accommodate all pipe sizes with properly sized closing unit.
4. Auxiliary equipment to include: annular preventer, mud-gas separator, rotating head and flare.

### B. Protective Equipment for Essential Personnel:

Mark II Surviveair 30-minute units located in the dog house and at briefing areas, as indicated on well site diagram.

### C. H<sub>2</sub>S Detection and Monitoring Equipment:

1. Two portable H<sub>2</sub>S monitors positioned on location for best coverage and response. These units have warning lights and audible sirens when H<sub>2</sub>S levels of 20 ppm are reached.
2. One portable SO<sub>2</sub> monitor positioned near flare line.

### D. Visual Warning Systems

1. Wind direction indicators are shown on well site diagram.
2. Caution/Danger signs shall be posted on roads providing direct access to location. Signs will be painted a high visibility yellow with black lettering of sufficient size to be readable at a

reasonable distance from the immediate location. Bilingual signs will be used when appropriate. See example attached.

**E. Mud Program**

- 1.** The Mud Program has been designed to minimize the volume of H<sub>2</sub>S circulated to the surface. Proper mud weights, safe drilling practices and the use of H<sub>2</sub>S scavengers will minimize hazards when penetrating H<sub>2</sub>S bearing zones.
- 2.** A mud-gas separator will be utilized as needed.

**F. Metallurgy:**

All drill strings, casing, tubing, wellhead, blowout preventers, drilling spool, kill lines, choke manifold and line and valves shall be suitable for H<sub>2</sub>S service.

**G. Communication:**

Cellular telephone communications in company vehicles, rig floor and mud logging trailer.

**H. Well Testing:**

Drill stem testing will be performed with a minimum number of personnel in the immediate vicinity, which are necessary to safely and adequately conduct the test. The drill stem testing and an H<sub>2</sub>S environment will be conducted during the daylight hours.

MULTI POINT SURFACE USE AND OPERATIONS PLAN FOR

**EDGE PETROLEUM OPERATING COMPANY, INC.  
SOUTHWEST TT 6 FEDERAL #1**

1980' FNL & 800' FWL  
Section 6, T-19-S, R-30-E  
Eddy County, New Mexico  
Lease No.: NM LC-066087-A

This plan is submitted with the Application for Permit to Drill the above described well. The purpose of the plan is to describe the location of the proposed well, the proposed construction activities and operations plan to be followed in rehabilitating the surface and environmental effects associated with the operation.

**1. EXISTING ROADS:**

- A. Exhibit "A" is a Vicinity map showing the location of the proposed well as staked.
- B. Directions: The well site location is at milepost 13 on ST. HWY #360. Go 0.9 miles NW to a caliche road on the left. Go southwest on caliche road for approx. 0.3 miles to a caliche pit. Go east thru caliche pit. Proposed location is approx. 350' SE.

**2. PLANNED ACCESS ROAD:**

- A. Length and Width: Exhibit "B" is the proposed access road. It will be approximately 856' long and 12' wide and run South to the NW corner of the location.
- B. Construction: The proposed access road will be constructed by grading and topping with compacted caliche. The surface will be properly drained.
- C. Turnouts: None required.
- D. Culverts: None necessary.
- E. Cuts and Fills: 1-foot Cut to the North.
- F. Gates and Cattle Guards: None necessary.
- G. Off lease right of way: None required.



**3. LOCATION OF EXISTING WELLS:**

Existing wells in the immediate area are shown on the Location Verification Map, Exhibit "C".

**4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES:**

A. Edge Petroleum Operating Company, Inc. has no production facilities on the lease at this time.

B. If the well proves to be commercial, the necessary production facilities, gas separation-process equipment and tank battery, if required, will be installed on the drilling pad.

**5. LOCATION AND TYPE OF WATER SUPPLY:**

It is planned to drill the proposed well with fresh water that will be obtained from private or commercial sources and will be transported over the existing and proposed access roads.

**6. SOURCE OF CONSTRUCTION MATERIAL:**

Caliche for surfacing the proposed access road and well site pad will be obtained from the location, if available, or from an approved Federal pit. No surface materials will be disturbed except those necessary for actual grading and leveling of the drill site and access road.

**7. METHODS OF HANDLING WASTE DISPOSAL:**

A. Drill cuttings will be disposed of in the reserve pits.

B. Drilling fluids will be allowed to evaporate in the drilling pits until the pits are dry.

C. All pits will be fenced with normal fencing materials to prevent livestock from entering the area.

D. Water produced during operations will be collected in tanks until hauled to an approved disposal system, or a separate disposal application will be submitted to the BLM for approval.

E. Oil Produced during tests will be stored in test tanks.

F. Current laws and regulations pertaining to the disposal of human waste will be complied with.

G. All trash and debris will be removed from the well site within 30 days after finishing drilling and/or completion operations.

8. ANCILLARY FACILITIES:

None required.

9. WELL SITE LAYOUT:

A. Exhibit "D" shows the relative location and dimensions of the well pad, reserve pits, and major rig components. The pad and pit area has been staked and flagged 600' x 600'.

B. Mat Size: 230' x 330', plus 180' x 180' reserve pit on the north.

C. Cut & Fill: The location will require a 1-foot cut on the north with fill to the south.

D. The surface will be topped with compacted caliche and the reserve pits will be plastic lined.

10. PLANS FOR RESTORATION OF THE SURFACE:

A. After completion of drilling and/or completion operations, all equipment and other material not needed for operations will be removed. The well site will be cleaned of trash leaving the site aesthetically pleasing to the extent possible.

B. If the proposed well is non-productive, all rehabilitation and/or vegetation requirements of the Bureau of Land Management will be complied with and will be accomplished as expeditiously as possible. All pits will be filled and leveled as soon as they are dry enough to be worked.

11. OTHER INFORMATION:

A. Surface Ownership - Bureau of Land Management

B. Mesa Field Services, P. O. BOX 3072, CARLSBAD, NEW MEXICO 88221, conducted an archaeological survey. No significant archaeological resources were found in the area of the planned access road or of the proposed well site.

C. Oil & Gas Lease:  
LC 066087A

Township 19 South, Range 30 East, Section 6  
Lots 3, 4, 5 and SE4NW4

D. RECORD LESSEE:

David C. Collier, Etux (Mary Louise Collier)	50%
The Herman J. Ledbetter Family Trust	50%

E. BOND COVERAGE:

\$25,000 Statewide Oil & Gas Surety Bond  
BLM Bond #: NM B000121

12. OPERATOR'S REPRESENTATIVE:

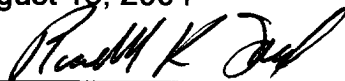
The field representative for assuring compliance with the approved use and operations plan is as follows:

R. K. Ford & Associates  
415 West Wall, Suite 1700  
Midland, Texas 79701  
432-682-0440 (Office)  
432-682-0441 (Fax)  
432-570-7216 (Home)  
432-559-2222 (Cell)  
[Randell@rkford.com](mailto:Randell@rkford.com) (E-mail)

13. CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Edge Petroleum Operating Company, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

August 16, 2004

  
\_\_\_\_\_  
Randall K. Ford      President

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

Statement Accepting Responsibility for Operations

Operator Name: Edge Petroleum Operating Company, Inc.  
Street or Box: 1301 Travis, Suite 2000  
City, State: Houston, Texas  
Zip Code: 77002

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

Lease No: LC-066087-A

Legal Description of Land:

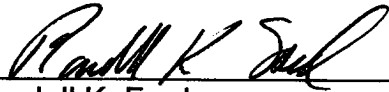
Township 19 South, Range 30 East, Eddy, New Mexico

Lots 3, 4, 5 and the SE4NW4 of Section 6

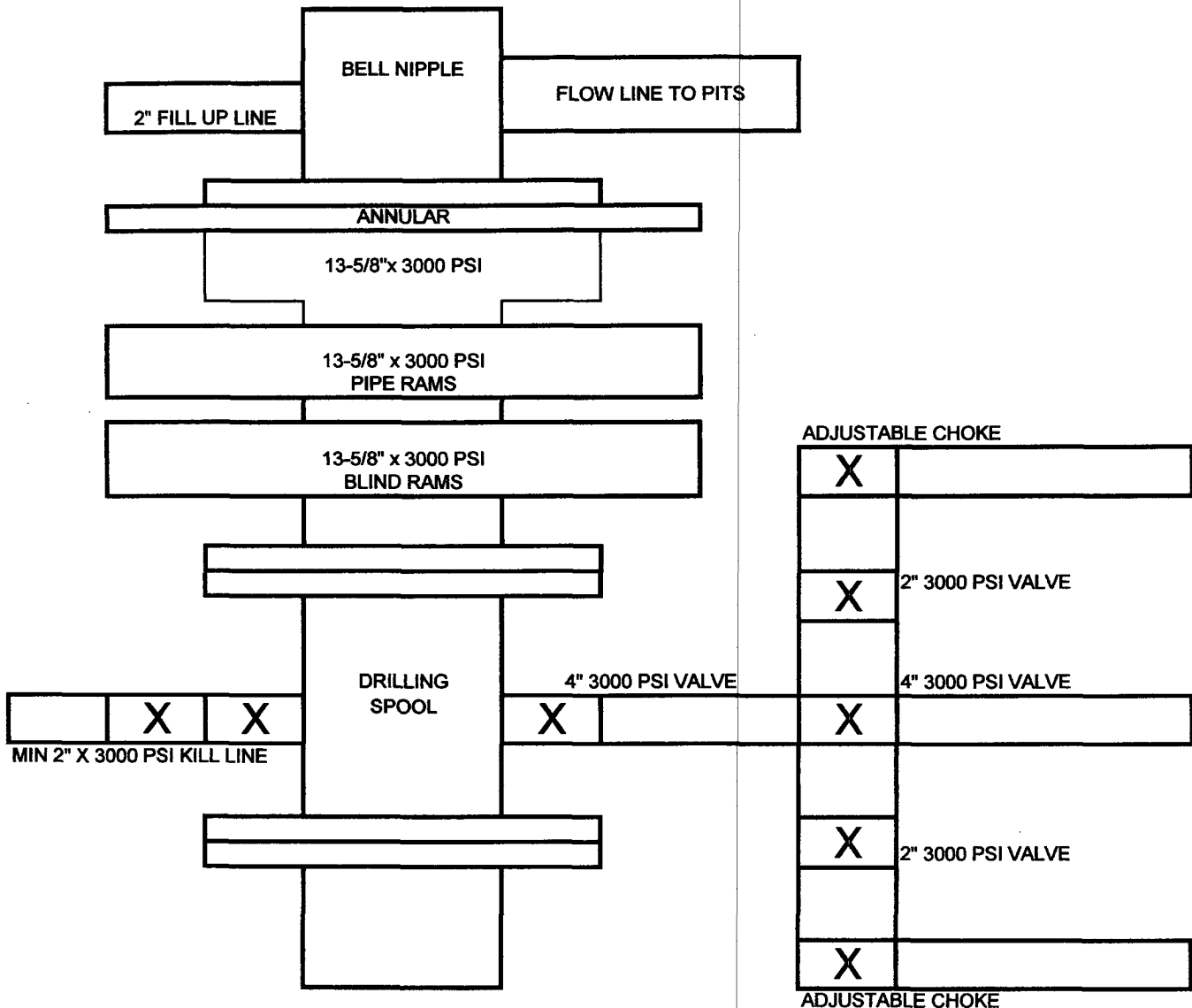
Bond Coverage:

Statewide Oil and Gas Surety Bond

BLM Bond File No.: NM B000121

  
\_\_\_\_\_  
Randell K. Ford  
Agent  
August 16, 2004

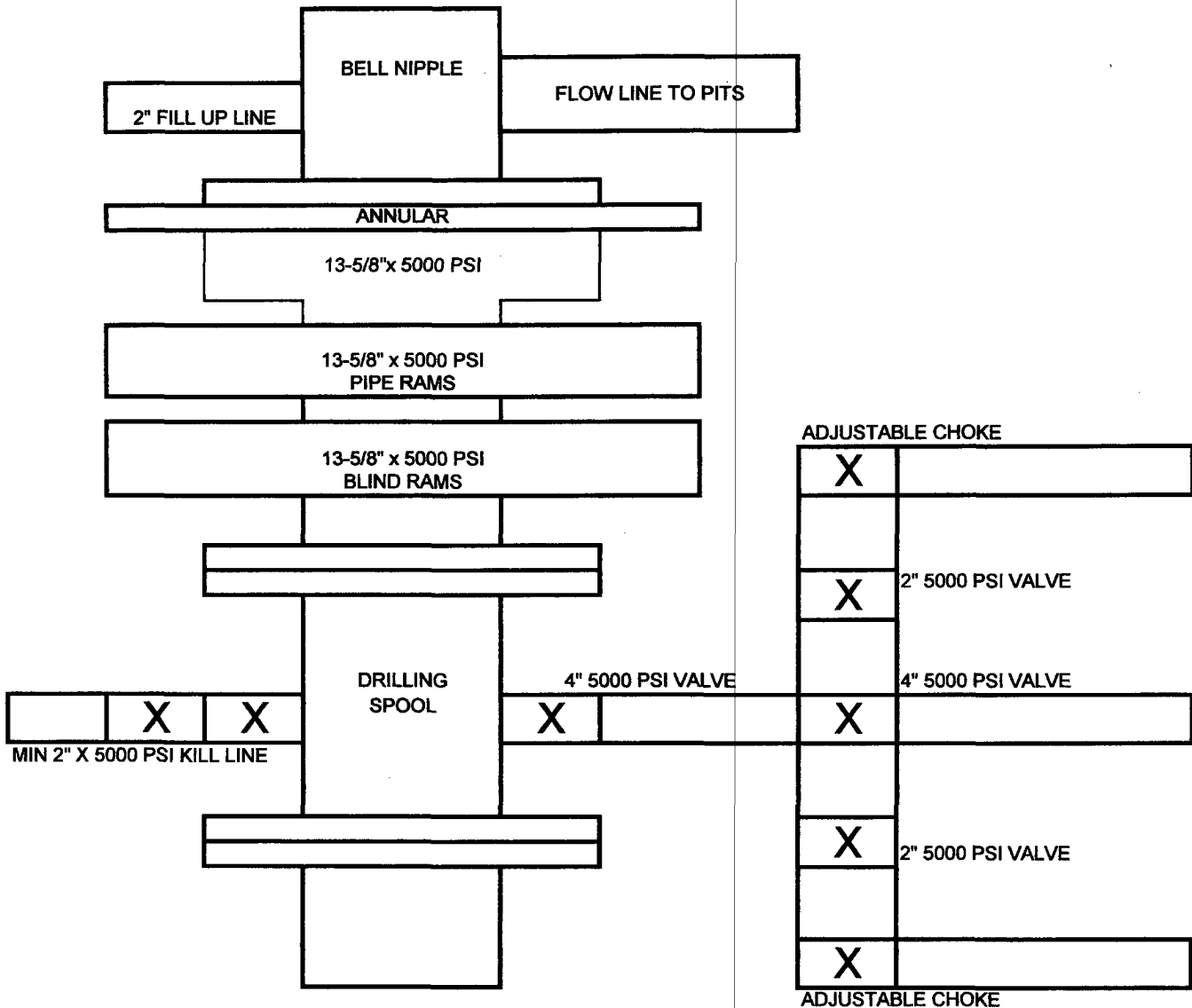
BOP SCHEMATIC FOR  
12-1/4" HOLE



Edge Petroleum Operating Company, Inc.  
Southwest TT 6 Federal  
Eddy County, New Mexico

Exhibit 1

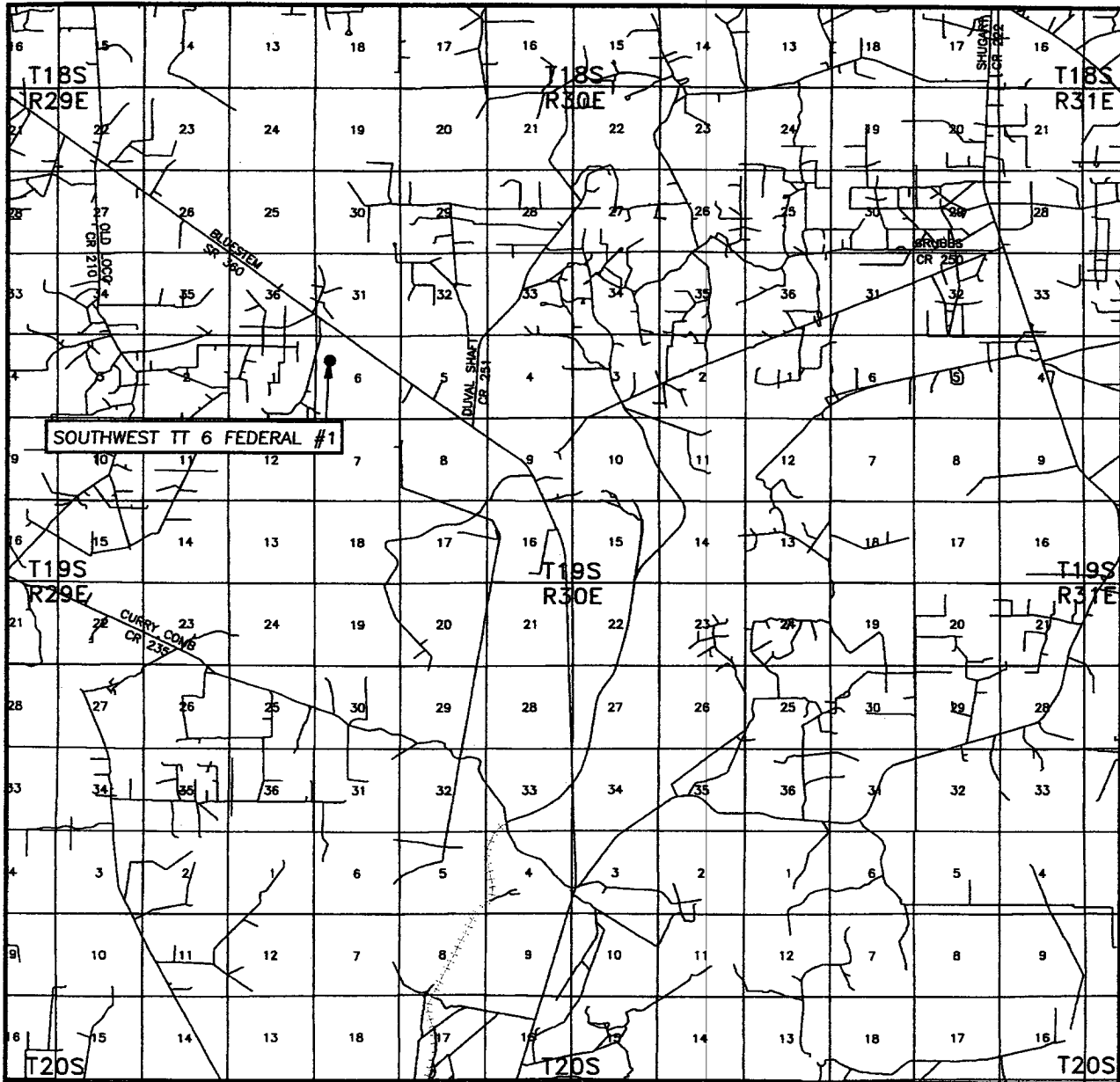
BOP SCHEMATIC FOR  
8-1/2" HOLE



Edge Petroleum Operating Company, Inc.  
Southwest TT Federal 6  
Eddy County, New Mexico

Exhibit 2

# VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 6 TWP. 19-S RGE. 30-E

SURVEY N.M.P.M.

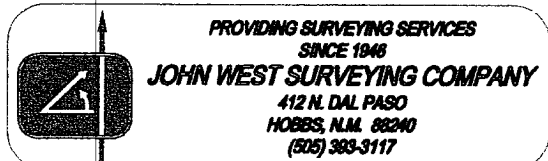
COUNTY EDDY

DESCRIPTION 1980' FNL & 800' FWL

ELEVATION 3420'

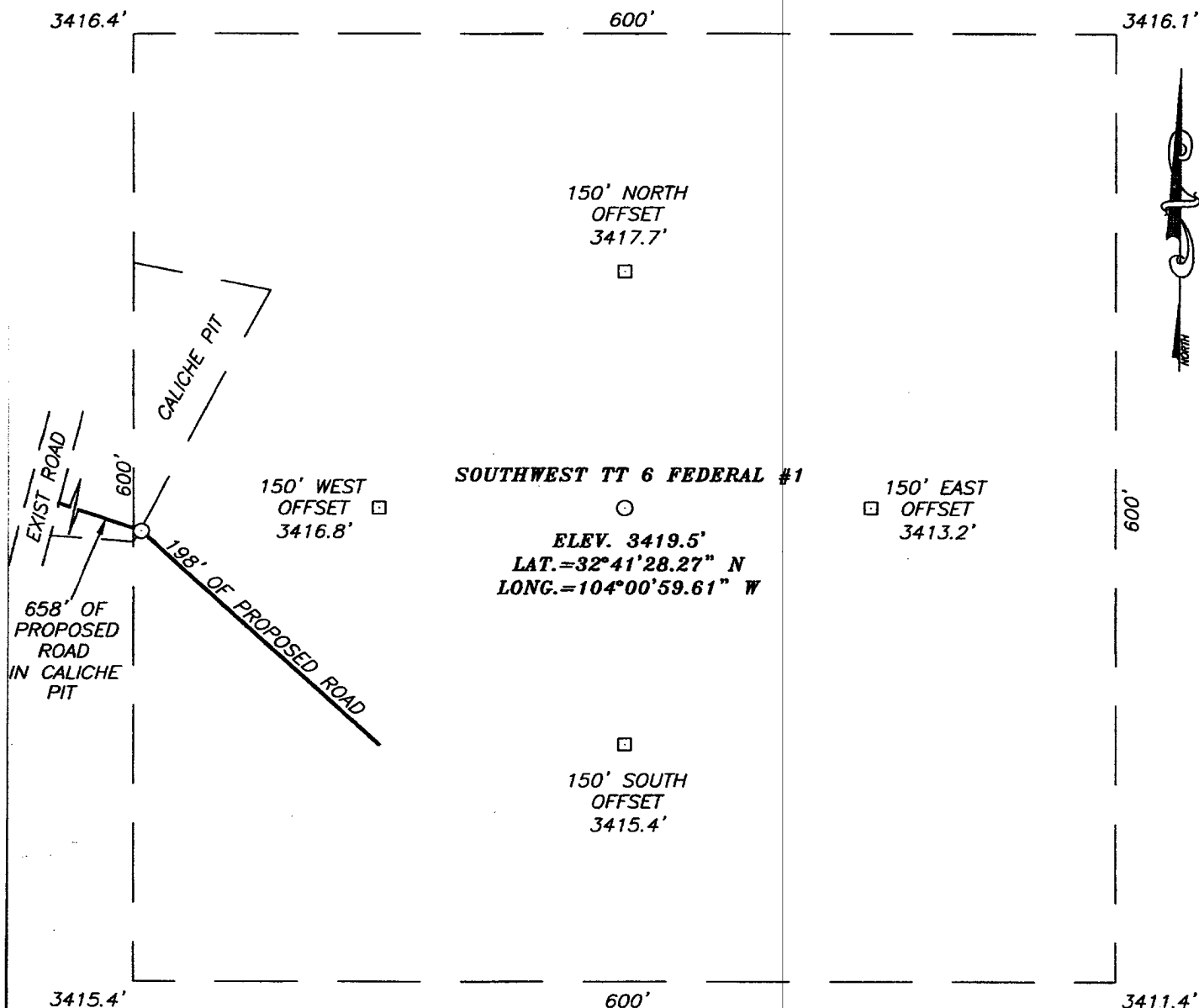
EDGE PETROLEUM  
OPERATOR OPERATING COMPANY, INC.

LEASE SOUTHWEST TT 6 FEDERAL



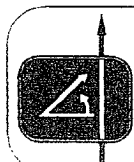
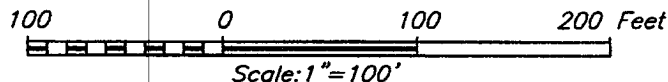
Edge Petroleum Exhibit "A"  
Southwest TT 6 Federal #1

**SECTION 6, TOWNSHIP 19 SOUTH, RANGE 30 EAST, N.M.P.M.,**  
**EDDY COUNTY, NEW MEXICO**



**DIRECTIONS TO LOCATION**

AT MILEPOST 13 ON ST. HWY. #360 GO 0.9 MILES NW TO A CALICHE ROAD ON THE LEFT. GO SOUTHWEST ON CALICHE ROAD FOR APPROX. 0.3 MILES TO A CALICHE PIT. GO EAST THRU CALICHE PIT. PROPOSED LOCATION IS APPROX. 350' SE.



**PROVIDING SURVEYING SERVICES**  
**SINCE 1946**  
**JOHN WEST SURVEYING COMPANY**  
 412 N. DAL PASO  
 HOBBS, N.M. 88240  
 (505) 393-3117

**EDGE PETROLEUM OPERATING COMPANY, INC.**

**SOUTHWEST TT 6 FEDERAL #1 WELL**  
 LOCATED 1980 FEET FROM THE NORTH LINE  
 AND 660 FEET FROM THE WEST LINE OF SECTION 6,  
 TOWNSHIP 19 SOUTH, RANGE 30 EAST, N.M.P.M.,  
 EDDY COUNTY, NEW MEXICO.

Survey Date: 07/14/04	Sheet 1 of 1 Sheets
W.O. Number: 04.11.0949	Dr By: J. RIVERO
Date: 07/16/04	Disk: CD#10
04110949	Scale: 1"=100'

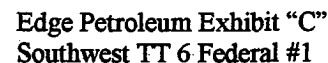




CONTOUR INTERVAL:  
ILLINOIS CAMP NE, N.M. - 10'

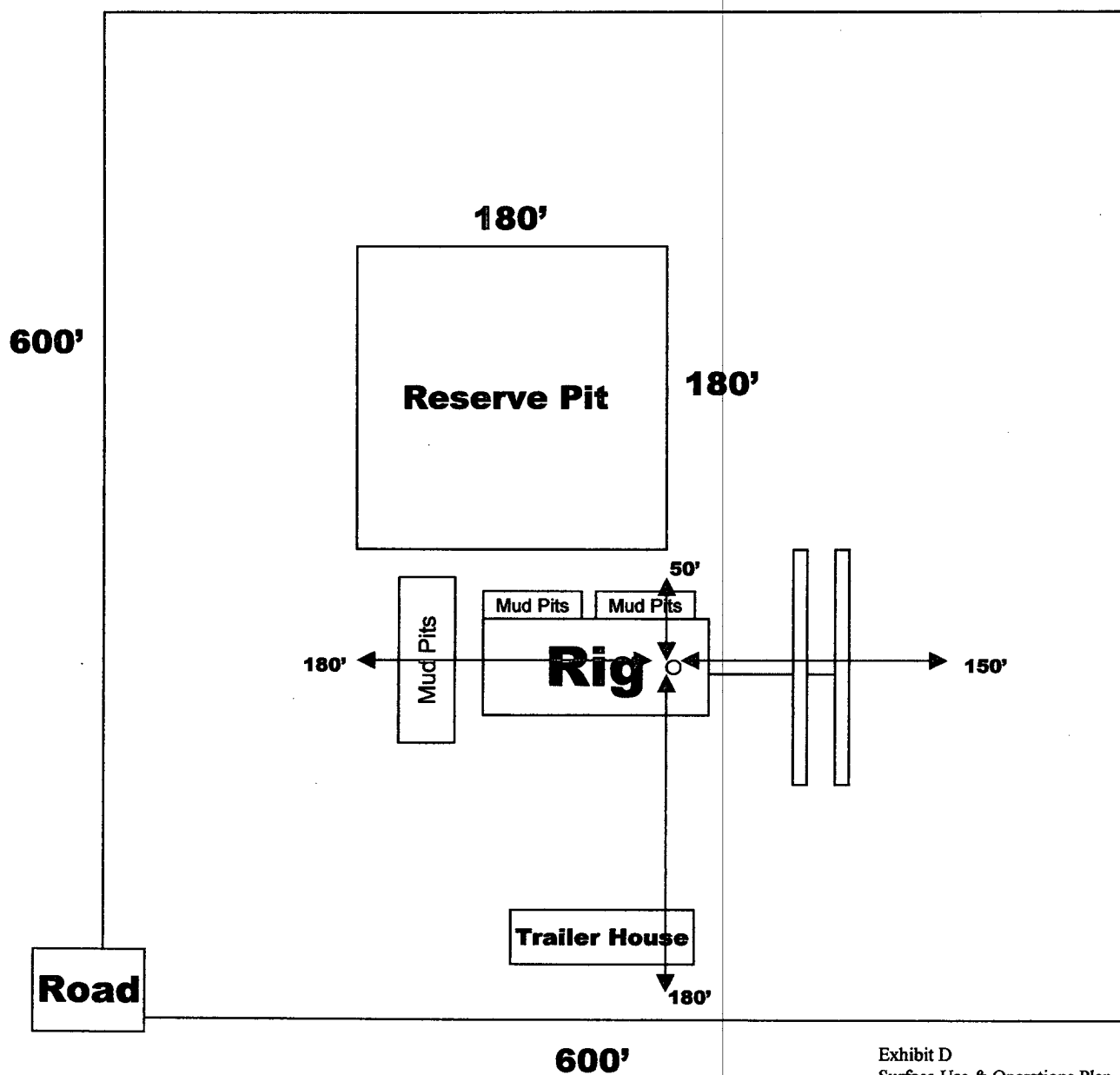
ILLINOIS CAMP NE, N.M.

CONTOUR INTERVAL:  
ILLINOIS CAMP NE, N.M. - 10'



**Scale 1" = 100'**

**DRILLING RIG LAYOUT**  
**Edge Petroleum Operating Company, Inc.**  
**Southwest TT 6 Federal #1**



**Exhibit D**  
**Surface Use & Operations Plan**