New Mexico Oil Conservation Division, District I
1625 N. French Drive
Hobbs, NM 88240 11-04-06

POTASH

Form 3160-3
(September 2001)

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.: NM - 01135

6. If Indian, Allottee or Tribe Name: N/A

7. If Unit or CA Agreement, Name and No.: N/A

1a. Type of Work: ☒ DRILL ☐ REENTER

8. Lease Name and Well No.: South Lusk 33 Federal #3 33177

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

9. API Well No.: 30-025-36872 80990

2. Name of Operator: Edge Petroleum Operating Co., Inc. 224400

3a. Address: 1301 Travis St., Ste 2000, Houston, TX 77002

3b. Phone No. (include area code): (713) 427-8883

10. Field and Pool, or Exploratory: Lusk, Morrow, East (Gas)

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface: 1545' FNL & 1910' FWL
At proposed prod. zone: 1350' FSL & 990' FWL R-111-P Potash

11. Sec., T., R., M., or Blk. and Survey or Area: Sec. 33 - T19S - R32E

12. County or Parish: Lea

13. State: NM

14. Distance in miles and direction from nearest town or post office*: 5 miles N/NW of Halfway Bar

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. unit line, if any): 1350'

16. No. of Acres in lease: 639.12

17. Spacing Unit dedicated to this well: 160 acres - SW/4

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.: 2960'

19. Proposed Depth: 12,800'

20. BLM/BIA Bond No. on file: RLI INSURANCE COMPANY BOND. NO. NMB000121 (RLB0006074)

21. Elevations (Show whether DF, KDB, RT, GL, etc.): 3549' GL

22. Approximate date work will start*: June 15, 2004

23. Estimated duration: 45 days

24. Attachments

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.
2. A Drilling Plan.
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).
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 authorized officer.

25. Signature: Randell K Ford — Name (Printed/Typed): Randell K. Ford — Date: 5/4/04

Title: Consultant

Approved by (Signature): /s/ Linda S. C. Rundell — Name (Printed/Typed): /s/ Linda S. C. Rundell — Date: 7 SEP 2004

Title: STATE DIRECTOR — Office: NM STATE OFFICE

Application approval does not warrant or certify the 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 reverse)

SUBJECT TO LIKE APPROVAL BY STATE

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

RECEIVED
SEP 2004

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-102
Revised February 10, 1994
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
30-025-36872	80770	Lusk; Morrow, East (GAS)

Property Code	Property Name	Well Number
33177	SOUTH LUSK 33 FEDERAL	3

OGRID No.	Operator Name	Elevation
224400	EDGE PETROLEUM OPERATING COMPANY, INC.	3549'

Surface Location

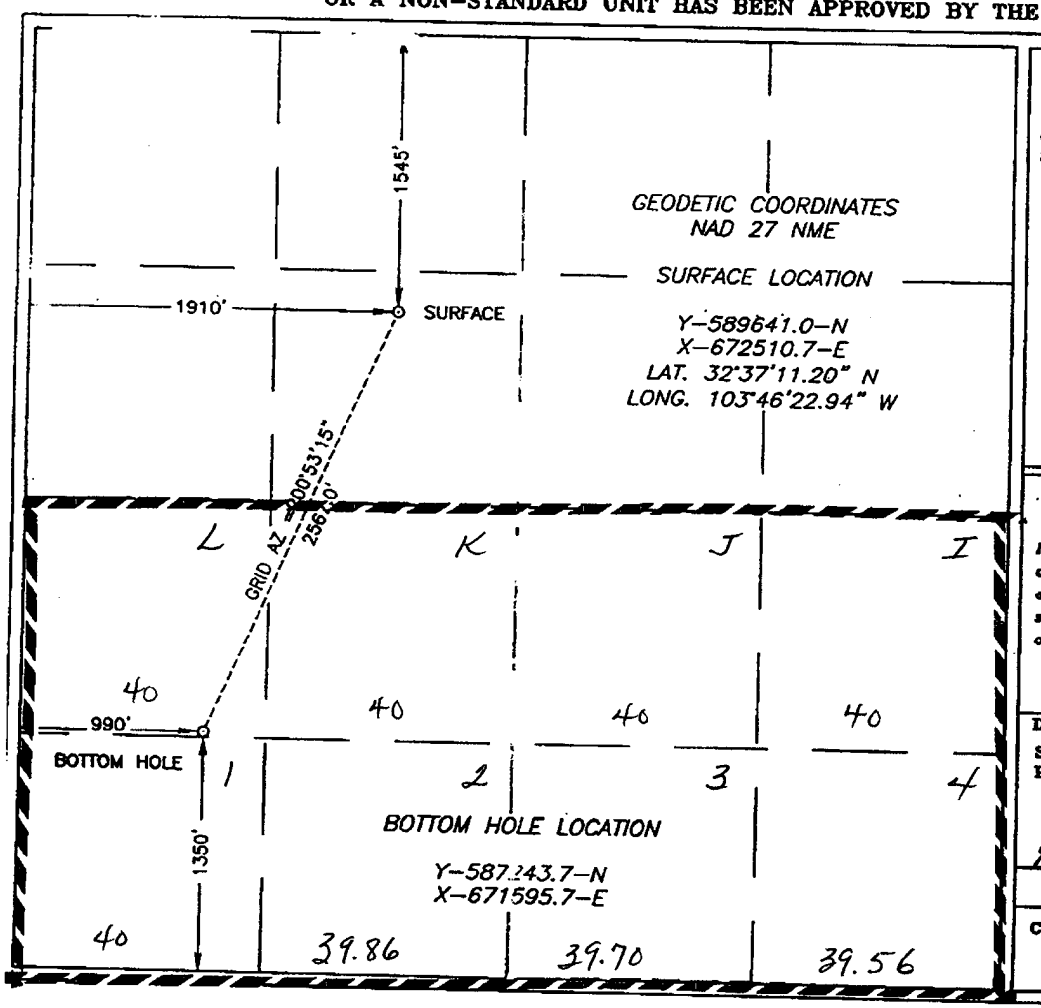
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	33	19-S	32-E		1545'	NORTH	1910'	WEST	LEA

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
L	33	19-S	32-E		1350'	SOUTH	990'	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
319.12			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.

Signature: Sandra Nobles

Printed Name: Sandra Nobles

Title: Consultant

Date: September 16, 2004

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison, and that the same is true and correct to the best of my belief.

Date Surveyed: FEBRUARY 19, 2004 LMP

Signature & Seal of Professional Surveyor: Gary L. Eidson 3/4/04

04.11.0171

Certificate No. GARY EIDSON 12641

DRILLING PROGRAM

EDGE PETROLEUM OPERATING COMPANY, INC.
SOUTH LUSK "33" FEDERAL #3
Section 33, T-19-S, R-32-E
Lea 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 (TVD):

Anhydrite	890'
Yates	2,695'
Capitan	3,062'
Delaware	4,760'
Bone Springs	7,315'
Wolfcamp Carbonate	10,655'
Strawn Carbonate	11,291'
Atoka Clastic	11,705'
Atoka Sand	11,941'
Morrow Lime	12,000'
Middle Morrow	12,315'
Lower Morrow	12,576'
Total Depth	12,800'

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

Fresh Water	Down to 860'
Oil and Gas	Delaware, Atoka Sand, Middle Morrow, Lower Morrow

3. Pressure control equipment: Exhibit #1 shows a 20", 2000# diverter system, which will be used on the 17-1/2" hole. The blow out preventer equipment (BOP) shown in Exhibit #2 will consist of a 3000 psi double ram type preventer for drilling the 12-1/4" hole. The blowout preventer stack for the production (8-1/2") hole as shown on Exhibit #3 will consist of at least a double-ram blowout preventer and annular preventer rated to 5000 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:

Hole Size	Interval	Casing Size	Weight	Grade, Joint
26"	0 – 890'	20"	94#	K-55, BTC
17-1/2"	0 – 2,550'	13-3/8"	61#	K-55, BTC

12-1/4"	0 – 4,300'	9-5/8"	40#	K-55 LT&C
8-1/2"	0 – 12,800'	5-1/2"	17#	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

30" conductor	cemented with ready mix to surface
20" surface	700 sx Premium Plus cement, 2% calcium chloride
13-3/8" intermediate	1,500 sx Premium Plus cement, 2% calcium chloride
9-5/8" intermediate	900 sx Interfill "C" cement, 1/4# per sx Flocele
	250 sx Premium Plus cement
5-1/2" production	400 sx Light Cement
	480 sx Super "H" cement .5% Halad, .4% CFR-3, 3# per sack Gilsonite

6. PROPOSED MUD SYSTEM:

DEPTH	DESCRIPTION	MUD WEIGHT	VISCOSITY	WATER LOSS
0 – 890'	fresh water	8.6 – 8.8 ppg	28 – 30	NC
890' – 2,550'	brine water	10.0 – 10.2 ppg	28 – 34	NC
2,550' – 4,300'	fresh water	8.4 – 8.6 ppg	28 – 29	NC
4,300' – 12,800'	fresh/brine/mud	8.4 – 10.4 ppg	28 – 40	6-8 cc

7. TESTING, LOGGING AND CORING PROGRAM:

Samples	10' Samples from 5,200'
DST's	Possible Cisco, Strawn & Atoka
Logging	Density, Lateral, Resistivity
Coring	Possible sidewall core

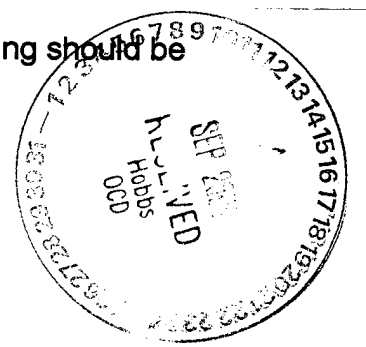
8. ABNORMAL PRESSURES AND TEMPERATURES:

None anticipated. Maximum bottom hole pressure should not exceed 5,200 psi.

This area has a potential H_2S hazard. An H_2S drilling plan is attached.

ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

It is planned that operations will commence on June 15, 2004. Drilling should be completed within 45 days followed by completion operations.



HYDROGEN SULFIDE DRILLING OPERATIONS PLAN

EDGE PETROLEUM OPERATING COMPANY, INC.

South Lusk "33" Federal #3

I. HYDROGEN SULFIDE TRAINING

A. All regularly assigned personnel, contracted or employed by Edge Petroleum Operating Company, Inc., 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_2S).

2. The proper use and maintenance of personal protective equipment and life support systems.

3. The proper use of H_2S 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_2S 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_2S Drilling Operations Plan.

C. There will be an initial training session just prior to encountering a known or probable H_2S zone (within 3 days or 500 feet) and weekly H_2S and well control drills for all personnel in each crew. The initial training session shall include a review of the site specific H_2S 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_2S SAFETY EQUIPMENT AND SYSTEMS

Note: All H_2S 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_2S.

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 doghouse and at briefing areas, as indicated on well site diagram.

C. H_2S Detection and Monitoring Equipment:

1. Two portable H_2S monitors positioned on location for best coverage and response. These units have warning lights and audible sirens when H_2S levels of 20 ppm are reached.

2. One portable SO_2 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 form 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_2S circulated to the surface. Proper mud weights, safe drilling

practices and the use of H_2S scavengers will minimize hazards when penetrating H_2S 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_2S service.

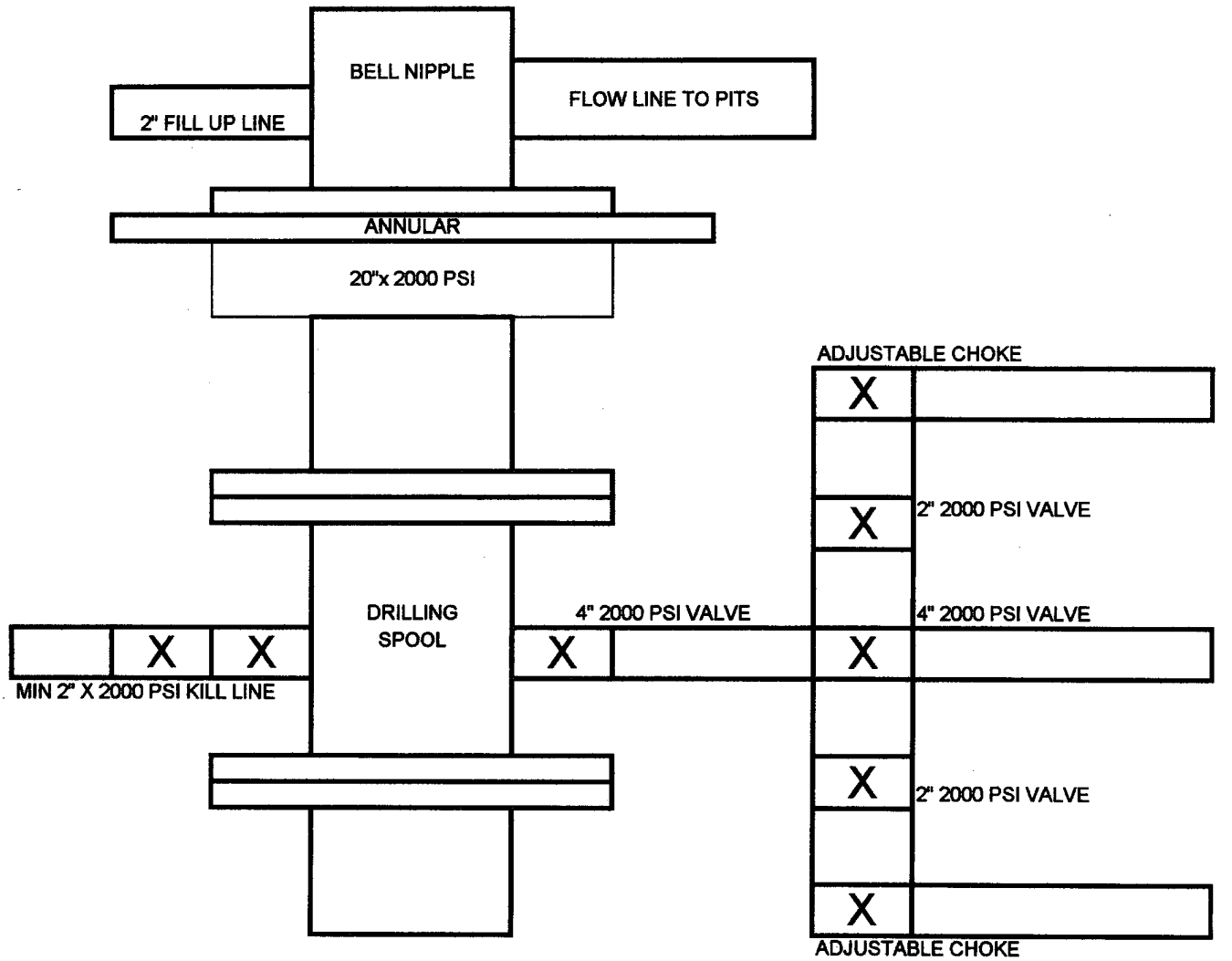
G. Communication:

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_2S environment will be conducted during the daylight hours.

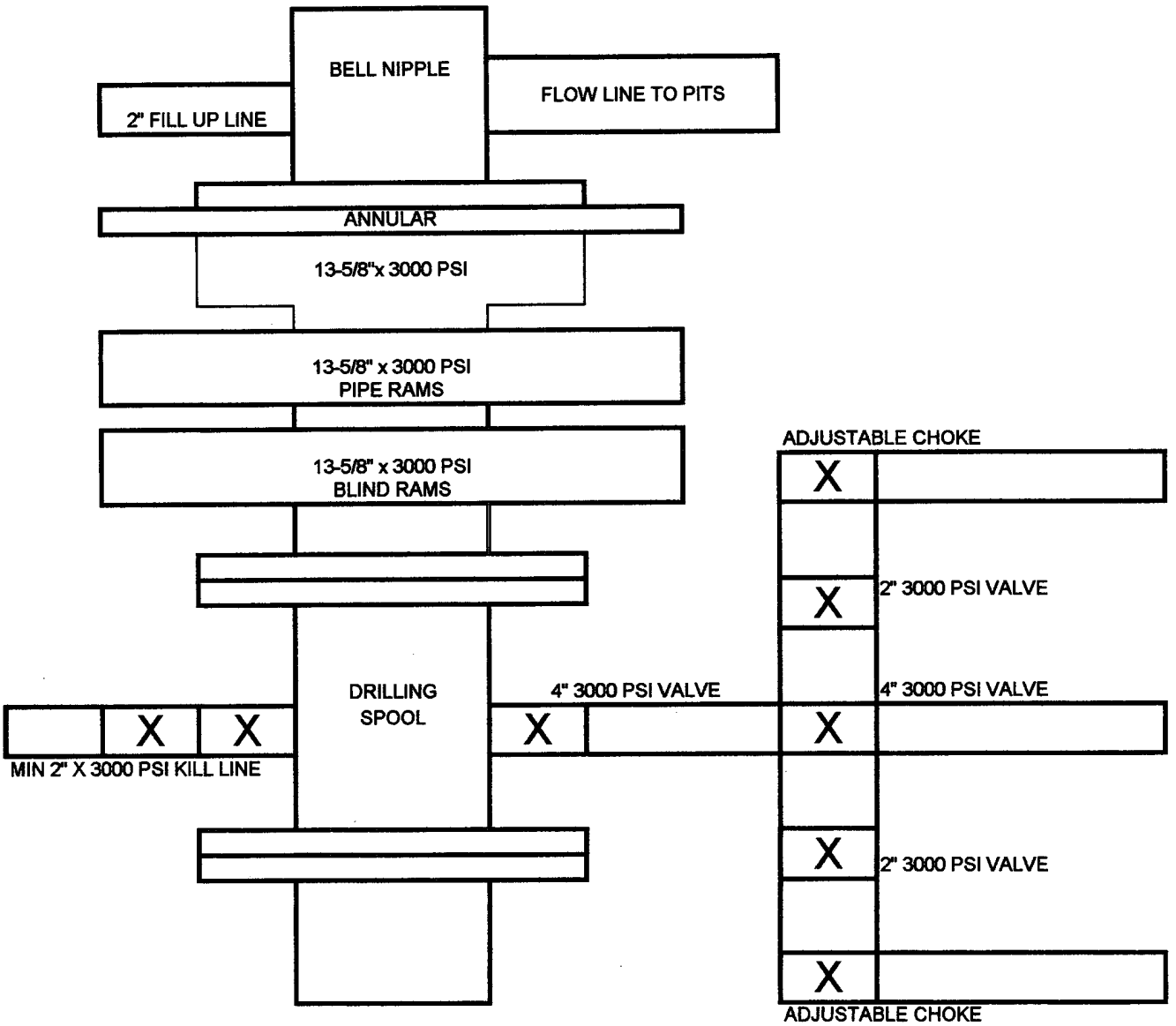
BOP SCHEMATIC FOR
17-1/2" HOLE



Edge Petroleum Operating Company, Inc.
South Lusk 33 Federal #3
Lea County, New Mexico

Exhibit 1

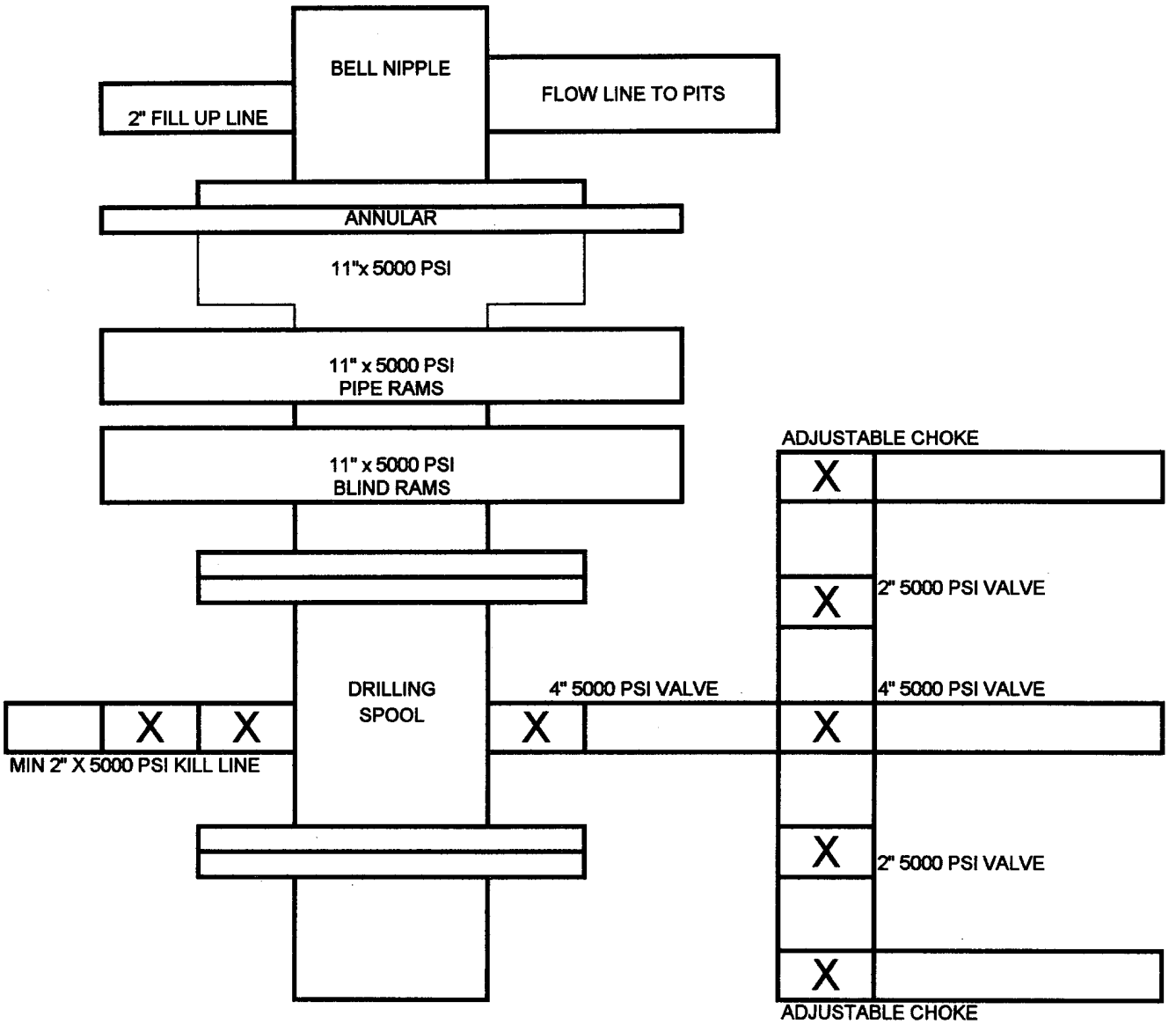
BOP SCHEMATIC FOR
12-1/4" HOLE



Edge Petroleum Operating Company, Inc.
South Lusk 33 Federal #3
Lea County, New Mexico

Exhibit 2

BOP SCHEMATIC FOR
8-1/2" HOLE



Edge Petroleum Operating Company, Inc.
South Lusk 33 Federal #3
Lea County, New Mexico

Exhibit 3

MULTI POINT SURFACE USE AND OPERATIONS PLAN FOR

EDGE PETROLEUM OPERATING COMPANY, INC.
South Lusk "33" Federal #3

Surface Location: 1545' FNL & 1910' FWL
Proposed Bottom Hole Location: 1350' FSL & 990' FWL
Section 33, T-19-S, R-32-E
Lea County, New Mexico
Lease No.: NM 01135

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 location verification map showing the location of the proposed well as staked. The well site location is approximately 17 road miles South of Maljamar, New Mexico.

   B. Directions: Traveling West out of Hobbs on Hwy 62 / 180 drive approximately 32 miles then turn right (North) onto 176. Go 4.2 miles, and then turn right (North) onto CR-126. Go 4 miles; turn right (East) onto a caliche road. Go 1.3 miles to location.

2. PLANNED ACCESS ROAD:

   A. Length and Width: The proposed access road will be approximately 250' long and 12' wide and run East to the SW 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: None required.

   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 Vicinity Map, Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES:

A. Edge Petroleum Operating Company, Inc. has production facilities on the lease at this time.

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 "C" 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 500' x 500'.

B. Mat Size: 225' x 300', plus 150' x 150' reserve pit on the north.

C. Cut & Fill: The location will require a 6-inch 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:
NM 01135
(Based on LC-063536)

Township 19 South, Range 32 East
Section 33 – All

D. RECORD LESSEE:

Pure Energy Group	50%
Chisos	50%

E. BOND COVERAGE:

Bond Provided by RLI Insurance Company
Bond No. NMB000121 (RLB0006074)

12. OPERATOR'S REPRESENTATIVE:

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

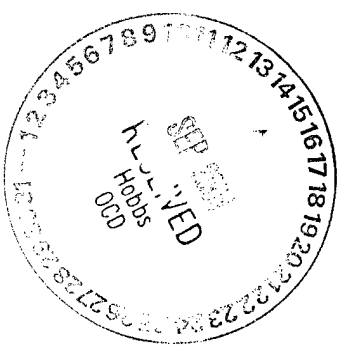
R. K. Ford & Associates
415 West Wall, Suite 1700
Midland, Texas 79701
432-682-0440 (Office)
432-682-0441 (Fax)
432-570-7216 (Home)
432-559-2222 (Cell)
Randell@rkford.com (E-mail)

13. CERTIFICATION:

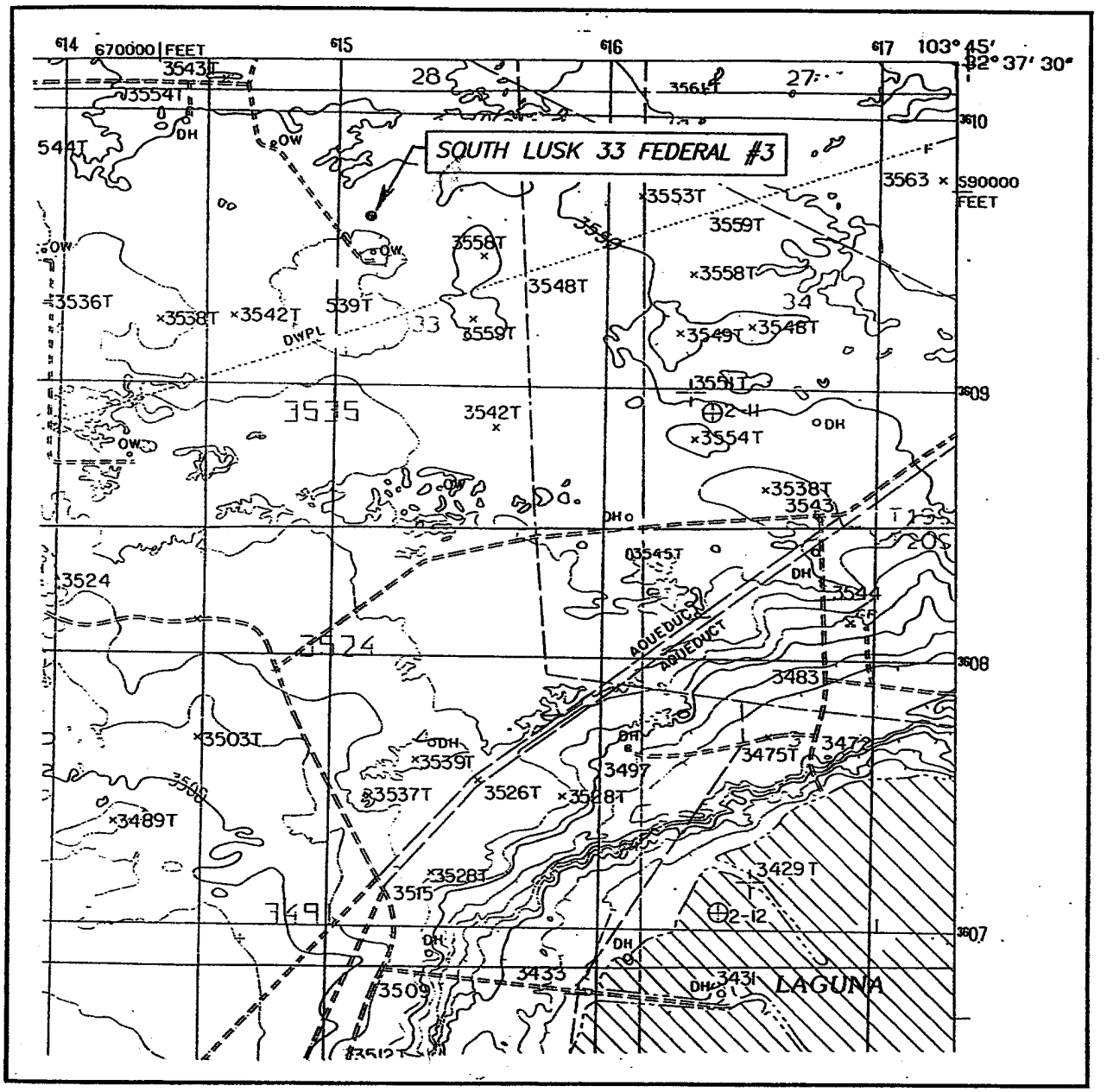
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated 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.

May 4, 2004

Randell K. Ford
Consultant



LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 10'
WILLIAMS SINK, N.M.

SEC. 33 TWP. 19-S RGE. 32-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1545' FNL & 1910' FWL

ELEVATION 3549'

OPERATOR EDGE PETROLEUM OPERATING COMPANY, INC.

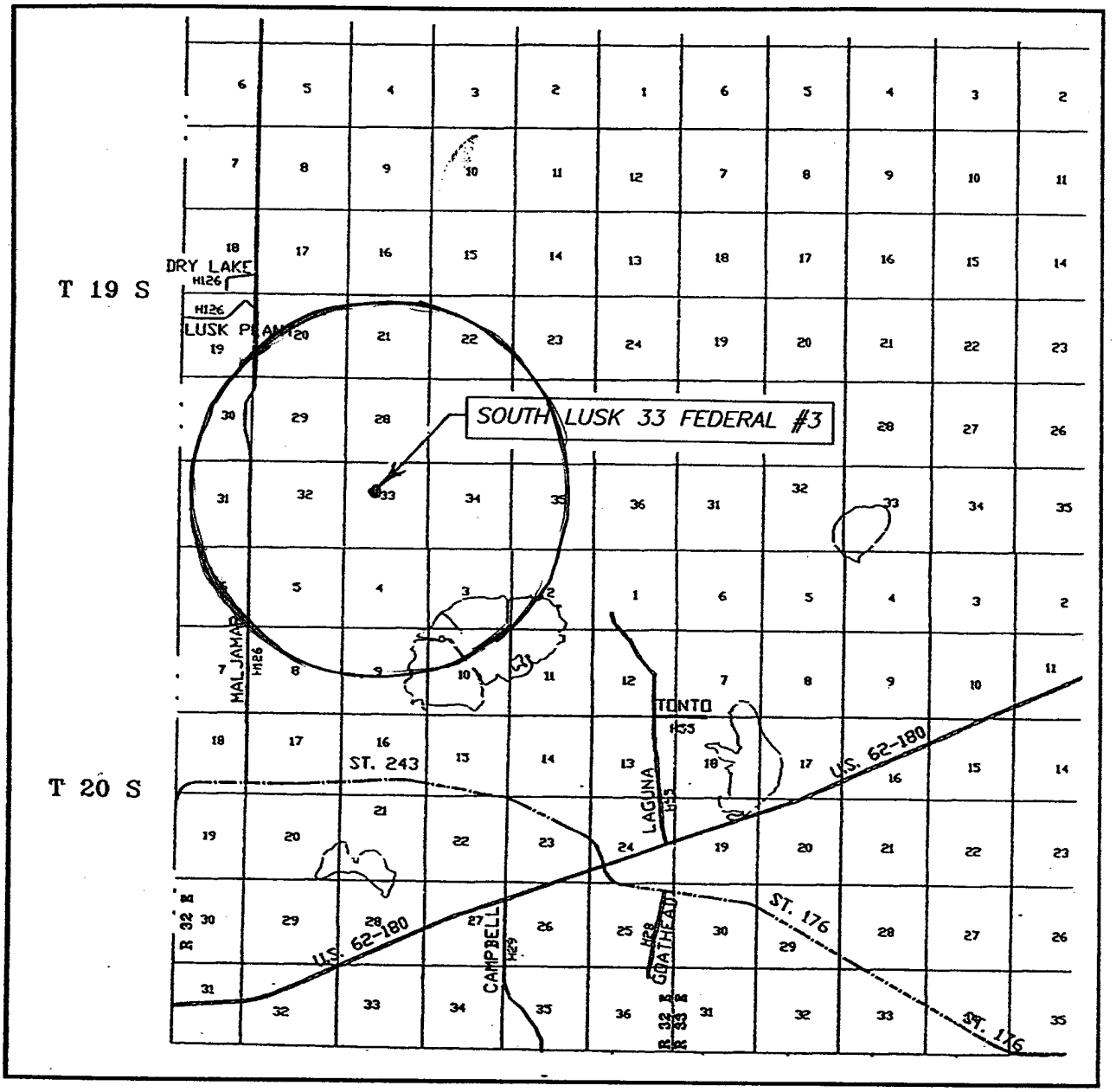
LEASE SOUTH LUSK 33 FEDERAL

U.S.G.S. TOPOGRAPHIC MAP
WILLIAMS SINK, N.M.

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

EXHIBIT A

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 33 TWP. 19-S RGE. 32-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1545' FNL & 1910' FWL

ELEVATION 3549'

OPERATOR EDGE PETROLEUM OPERATING COMPANY, INC.

LEASE SOUTH LUSK 33 FEDERAL

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

EXHIBIT B

Scale 1" = 50'

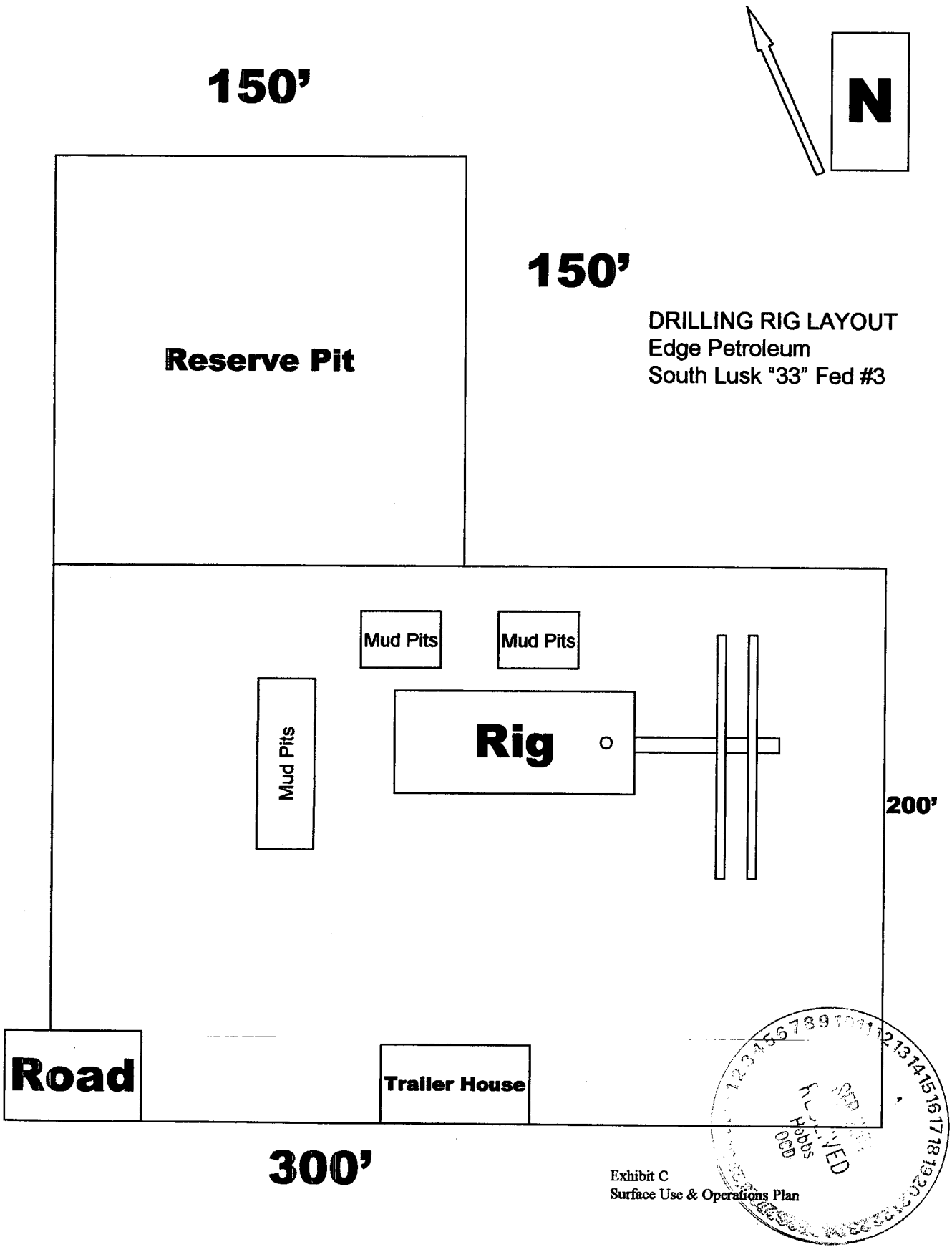


Exhibit C
Surface Use & Operations Plan

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 St., Ste 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: NM 01135

Legal Description of Land:

Township 19 South, Range 32 East, Lea County, New Mexico

Section 33 All

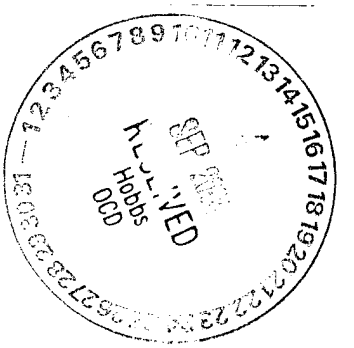
South Lusk 33 Federal #3

Bond Coverage:

Statewide Oil and Gas Surety Bond, Edge Petroleum Operating Company, Inc. (Principal)

Bond provided by RLI Insurance Company
Bond No. NMB000121 (RLB0006074)

Randell K. Ford
Consultant
May 4, 2004



District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
June 1, 2004

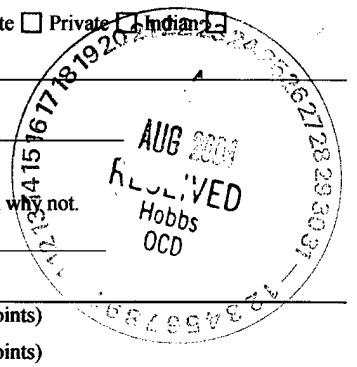
For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐
Type of action: Registration of a pit or below-grade tank ☒ Closure of a pit or below-grade tank ☐

Operator: Edge Petroleum Operating Company, Inc. Telephone: 713-427-8883 e-mail address: sandra@rkford.com
Address: 1301 Travis, Suite 2000 Houston, Texas 77002
Facility or well name: South Lusk 33 Federal #3 API #: 30-025-36872 U/L or Qtr/Qtr F Sec 33 T-19-S R-32-E
County: Lea Latitude 32°37'11.20" N Longitude 103°46'22.94" W NAD: 1927 ☐ 1983 ☐ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

Pit	Below-grade tank		
Type: Drilling ☒ Production ☐ Disposal ☐ Workover ☐ Emergency ☐ Lined ☒ Unlined ☐ Liner type: Synthetic ☒ Thickness 12 mil Clay ☐ Pit Volume _____bbl	Volume: _____bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes ☐ If not, explain why not. _____		
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) (0 points)	0
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes No	(20 points) (0 points)	0
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points)	0
	Ranking Score (Total Points)		0



If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if your are burying in place) onsite ☐ offsite ☐ If offsite, name of facility_____. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface_____ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments:

I hereby certify that the information above is true and complete to the best of my knowledge and belief. **I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.**
Date: August 20, 2004

Printed Name/Title Sandra Nobles / Consultant Signature Sandra Nobles

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:
Printed Name/Title PETROLEUM ENGINEER Signature Date: 9/16/04

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
June 1, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐
Type of action: Registration of a pit or below-grade tank ☒ Closure of a pit or below-grade tank ☐

Operator: Edge Petroleum Operating Company, Inc. Telephone: 713-427-8883 e-mail address: sandra@rkford.com
Address: 1301 Travis, Suite 2000 Houston, Texas 77002
Facility or well name: South Lusk 33 Federal #3 API #: 30-025-36872 U/L or Qtr/Qtr F Sec 33 T-19-S R-32-E
County: Lea Latitude 32°37'11. 20" N Longitude 103°46'22. 94" W NAD: 1927 ☐ 1983 ☐ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

Pit	Below-grade tank		
Type: Drilling ☒ Production ☐ Disposal ☐ Workover ☐ Emergency ☐ Lined ☒ Unlined ☐ Liner type: Synthetic ☒ Thickness 12 mil Clay ☐ Pit Volume _____bbl	Volume: _____bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes ☐ If not, explain why not. _____		
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) (0 points)	0
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes No	(20 points) (0 points)	0
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points)	0
	Ranking Score (Total Points)		0

AUG 2004 RECEIVED Hobbs OCD

If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if your are burying in place) onsite ☐ offsite ☐ If offsite, name of facility_____. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface_____ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

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Date: August 20, 2004

Printed Name/Title Sandra Nobles / Consultant Signature Sandra Nobles

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Approval:

Printed Name/Title_____ Signature_____ Date: _____