

UNITED STATES
DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Elk Oil Company

7147

3. ADDRESS AND TELEPHONE NO.

P. O. Box 310, Roswell, NM 88202-0310 (505) 623-3190

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

600 FSL, 1200 FWL, Section 29

At proposed prod. zone

Unit M

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

16 Miles ENE from Hagerman, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

600

16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. No other Well

19. PROPOSED DEPTH

9700

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3687 Ground Level

22. APPROX. DATE WORK WILL START*

Immediately

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | GRADE, SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|-----------------------|-----------------|---------------|----------------------|
| 17 1/2 | 13-3/8" H-40 | 48.0 | 0-300 | Circulate to Surface |
| 12 1/4 | 8-5/8" K-55 | 36.00 | 0-2100 | Circulate to Surface |
| 7-7/8 | 5 1/2" N-80 | 17.00 | 0-9700 | 500 Sx. Minimum |

Attachments: 1. NMOC Form C-102

2. Drill Plan

Exhibit A-BOP Diagram

3. Surface Use Plan

Exhibit B- Highway Quad

Exhibit C- Topo Quad

Exhibit D- Lease Map

Exhibit E- Wellsite Diagram

Applicant proposes to drill to 9700 feet and complete as a conventional oil
Producer. Any associated gas has not been dedicated.

RECEIVED
JUN 30 1995
OIL CON. DIV.
DIST. 2

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

[Signature]

TITLE agent for Elk Oil Co.

DATE June 7, 1995

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

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:

APPROVED BY

Earle Smith

TITLE

Acting Area Mgr.

DATE

6-28-95

*See Instructions On Reverse Side


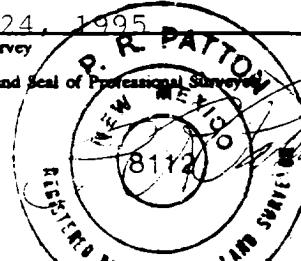
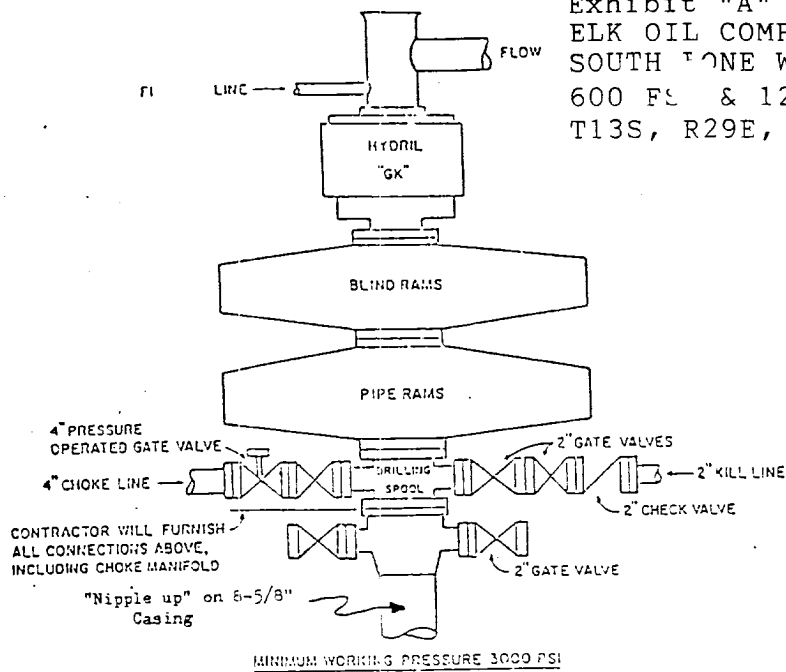
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|-------|--------------------------------|--|--|--|
| 16 | | | | <p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p></p> <p>Signature P.R. Patton</p> <p>Printed Name agent</p> <p>Title</p> <p>Date June 7, 1995</p> |
| | East line South Lone wolf unit | | | <p>18 SURVEYOR CERTIFICATION</p> <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>May 24, 1995</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p></p> <p>Certificate Number 8112</p> |
| 1200' | NM 68651 | | | |

Exhibit "A"
ELK OIL COMPANY
SOUTH ONE WOLF UNIT WELL No. 2
600 F₁ & 1200 F_{WL}, SECTION 29,
T13S, R29E, NMPM, CHAVES Co., NM



CONTRACTED TO FURNISH

1. ALL EQUIPMENT ABOVE CASING HEAD HOUSING INCLUDING CHOKE MANIFOLD.
2. INDEPENDENT AUTOMATIC ACCUMULATOR 3000 PSI WP.
3. B.O.P. CONTROLS TO BE LOCATED NEAR DRILLER'S POSITION AND AT SAFE DISTANCE FROM THE WELL.
4. SPARE SET PIPE RAMS TO F T PIPE IN USE.

COMPANY TO FURNISH

1. WELLHEAD EQUIPMENT.
2. WEAR BUSHING, IF REQUIRED.

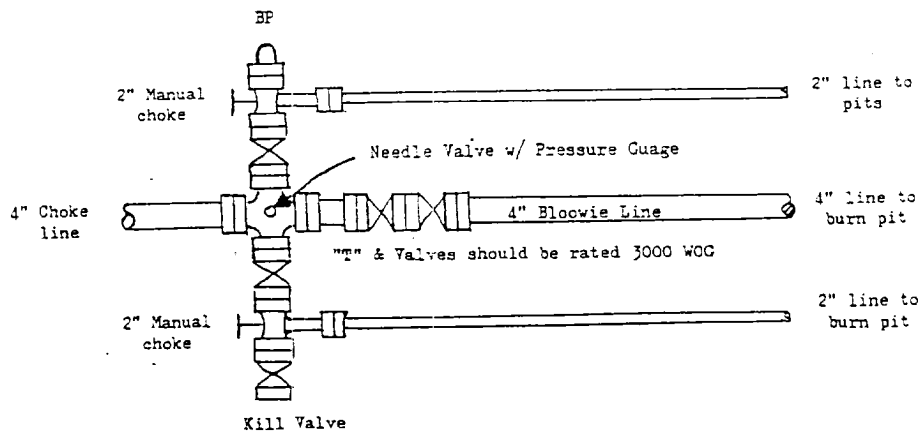
GENERAL NOTES

1. ALL VALVES, PIPING, FLANGES ETC. MUST HAVE MINIMUM WORKING PRESSURE EQUAL TO WORKING PRESSURE OF PREVENTERS. VALVES MUST BE OF THE FULL OPENING TYPE.
2. CONTROLS TO BE OF STANDARD DESIGN AND EACH MARKED SHOWING OPEN AND CLOSED POSITION.
3. CHOKE MANIFOLD AS SHOWN IN APP. 18 AND 19 REPLACEABLE PARTS AND WRENCHES TO BE CONVENIENTLY LOCATED FOR IMMEDIATE USE.
4. ALL VALVES TO BE EQUIPPED WITH HANDWHEELS.
5. CHOKE LINES MUST BE SUITABLY ANCHORED.
6. DEVIATIONS FROM THIS DRAWING MAY BE MADE ONLY WITH THE PERMISSION OF THE COMPANY.

MINIMUM BLOWOUT PREVENTER REQUIREMENTS

NORMAL PRESSURE SERVICE

CHOKE MANIFOLD SETUP



The above Manifold Hookup Design will meet minimum requirement by the Operator. Drilling Contractor to supply choke line and choke manifold. Operator to supply downstream lines from manifold assembly to pits.