

OCC COPY
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TYPEWRITING
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

30-005-60482

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
 OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Elk Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 310, Roswell, New Mexico 88201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface
680 FNL, 1980 FEL
 At proposed prod. zone
Same

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 drlg. unit line, if any) 680'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3738 GR.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10	8 5/8	20#	250	150 sx
8	4 1/2	10.7#	1600	150 sx

Replacement well for Christine Federal #2, J. & A. 8/11/75.
 Move 20' south of original well site.

Drill to approximately 1600'. Run open hole logs. Run 4 1/2" casing & cement w/150 sx. Perforate and swab test.

Control head will be used.

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ARTESIA, NEW MEXICO

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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 President DATE 12/20/77
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE JAN 5 - 1978

APPROVED BY [Signature] TITLE ACTING DISTRICT ENGINEER DATE JAN 5 - 1978
 CONDITIONS OF APPROVAL, IF ANY:

THIS APPROVAL IS RESCINDED IF OPERATIONS ARE NOT COMMENCED WITHIN 3 MONTHS.
 EXPIRES APR 5 - 1978

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator ELK OIL COMPANY			Well No. 3	
Unit Letter B	Section 30	Township 15S	Range 29E	County Chaves
Actual Location of Well: 680 feet from the North 1980 feet from the East				
Ground Level Elev. 3738 GR.	Producing Formation Queen	Well Name Round Tank		Dedicated Acreage: 40 Acres

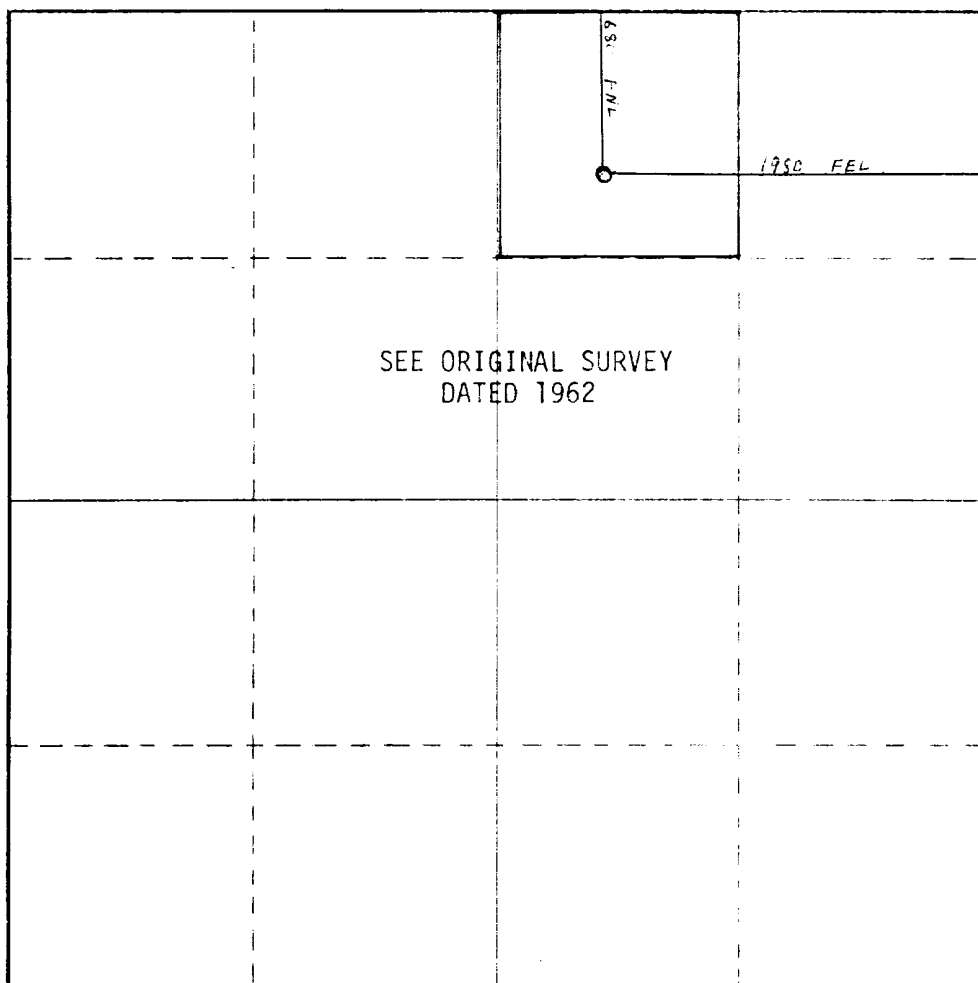
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the owner, interest, and working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

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CERTIFICATION

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

Joseph J. Kelly
Signature
Joseph J. Kelly

Position
President

Company
Elk Oil Company

Date
12/20/77

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 knowledge and belief.

Date Surveyed

Registered Professional Engineer
and/or Land Surveyor

Certificate No.



WELL-POINT SURFACE USE AND OPERATIONS PLAN

ELK OIL COMPANY
WELL NO. 3 CHRISTINE FEDERAL
680' FNL and 1980' FEL Sec. 30-15S-29E
Chaves County, New Mexico
NM 4434

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This plan is submitted with 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, the magnitude of necessary surface disturbance involved, and the procedures to be followed in rehabilitating the surface after completion of the operations so that a complete appraisal can be made of the environmental effects associated with the operation.

1. EXISTING ROADS:

- A. Well will be drilled on an existing drillsite utilizing existing roads, as shown in Exhibit A.
- B. Exhibit B is a plat showing all existing roads within a one mile radius of the wellsite.

2. LOCATION OF EXISTING WELLS:

- A. Existing wells are shown on the attached plat, Exhibit C.

3. LOCATION OF TANK BATTERIES, ETC.:

- A. Tank batteries or Production facilities exist within one mile of the proposed location owned or controlled by Elk Oil Company, shown on attached plat Exhibit C.
- B. In the event the proposed well is productive, the production facilities will be located in the southeast portion of the drillsite. The facility will consist of 2-200 barrel stock tanks and a heater treater.
- C. The reserve pits will be back filled and leveled and surface returned to its original contours.

4. LOCATION AND TYPE OF WATER SUPPLY:

- A. All water used in drilling operations will be trucked to the drillsite from commercial sources.
- B. There is no known surface water in the area.

5. METHODS FOR HANDLING WASTE DISPOSAL:

- A. Well cuttings will be disposed in the reserve pit. All waste and trash will be either burned or buried in a separate pit.

- B. After completion any produced water will be collected in tanks and trucked to an approved disposal system.
 - C. During testing operations, all produced fluids will be collected in tanks and trucked from the Wellsite.
6. ANCILLARY FACILITIES:
- A. None anticipated.
7. WELL SITE LAYOUT:
- A. Attached is a plat of the wellsite and rig layout, Exhibit D.
8. PLANS FOR RESTORATION OF THE SURFACE:
- A. As soon as practical upon completion of the well, the pits will be back filled and leveled and the surface returned to its original contours.
9. OTHER INFORMATION:
- A. See attached topographic map for terrain of the general area.
 - B. The soil is a thin, sandy alluvium underlain by a caliche hardpan.
 - C. Vegetation is a mesquite and sparse semi-desert grass and weeds.

10. OPERATOR'S REPRESENTATIVE:

Joseph J. Kelly
P. O. Box 310
Roswell, New Mexico 88201

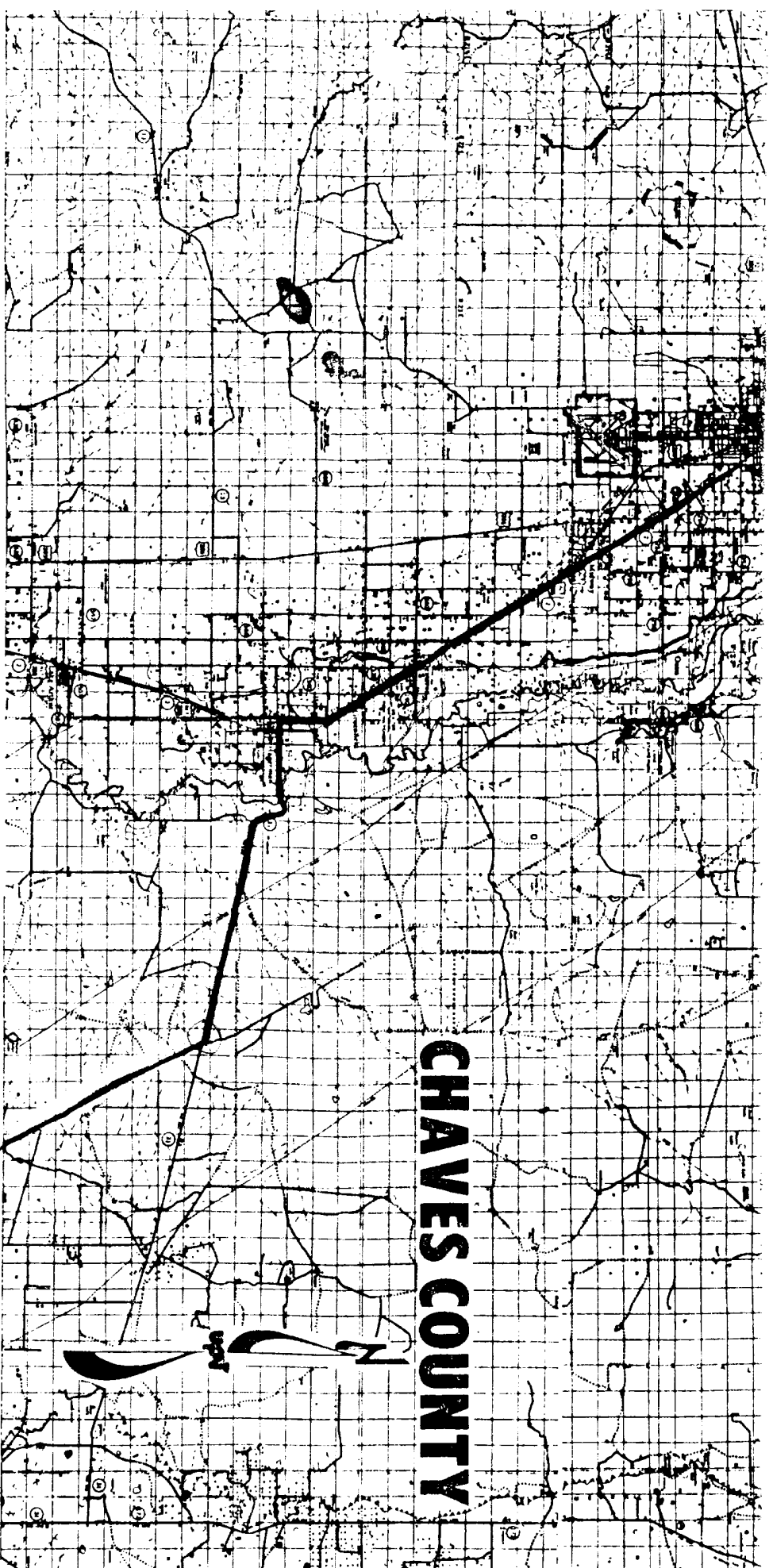
Office Phone: (505) 623-3190
Home Phone: (505) 623-6074

11. CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently 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 ELK OIL COMPANY and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

Dated: Dec 20 1977

BY: 
Joseph J. Kelly, President



PAVED Hg
EXISTING Hg = 0.05

EXHIBIT "A"
Elk Oil Company
Well No. 3 Christine Fed.
SSO Fil., 1980 FEL
Section 30, T-15S, R-29E,
Chaves County, New Mexico

LEGEND

1. Organization _____
 2. Project Title _____
 3. Project Number _____
 4. Project Location _____
 5. Project Dates _____
 6. Project Status _____
 7. Project Description _____
 8. Project Objectives _____
 9. Project Budget _____
 10. Project Personnel _____
 11. Project Results _____
 12. Project Conclusions _____
 13. Project Recommendations _____
 14. Project Acknowledgments _____
 15. Project References _____
 16. Project Appendix _____
 17. Project Glossary _____
 18. Project Bibliography _____
 19. Project Index _____
 20. Project Table of Contents _____

[The page contains dense handwritten text in cursive script, which is mostly illegible due to blurring.]

DISTANCES		LIQUID MEASURES	
MILES	KILOMETERS	GALLONS	LITRES
0.62	1	26	1
3.11	5	1.06	4
6.21	10	2.64	10
12.43	20	3.96	15
18.64	30	5.26	20

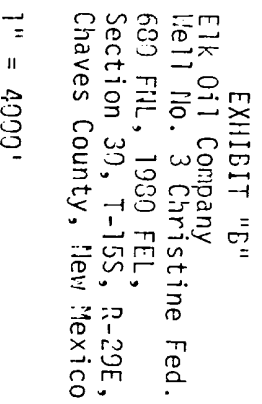
CONVERSION TABLE FOR YOUR CONVENIENCE

TURN RIGHT ON 2ND RD - TRUCK CHANGE FROM LEFT HAND DRIVE
PICK UP AND MAKE LEFT
APPROX 13 MILES WEST OF ALBANY
ON STATE RD 31

Publisher's Note

YOUR MAP HAS BEEN PREPARED FROM THE MOST RELIABLE INFORMATION OBTAINABLE FROM FEDERAL, STATE, AND LOCAL SOURCES. WE CANNOT GUARANTEE ACCURACY. DUE TO CIRCUMSTANCES BEYOND OUR CONTROL, HOWEVER, ANY OMISSIONS OR ERRORS BROUGHT TO OUR ATTENTION WILL BE APPRECIATED AND WILL BE CORRECTED IN SUBSEQUENT EDITIONS. ALL UPDATE MAPS ARE COPYRIGHTED AND ANY REPRODUCTION, WITHOUT WRITTEN PERMISSION FROM THE PUBLISHER, IS STRICTLY FORBIDDEN.

5.33 MILES
TO HIGHWAY 31



R-29E

T
15
S

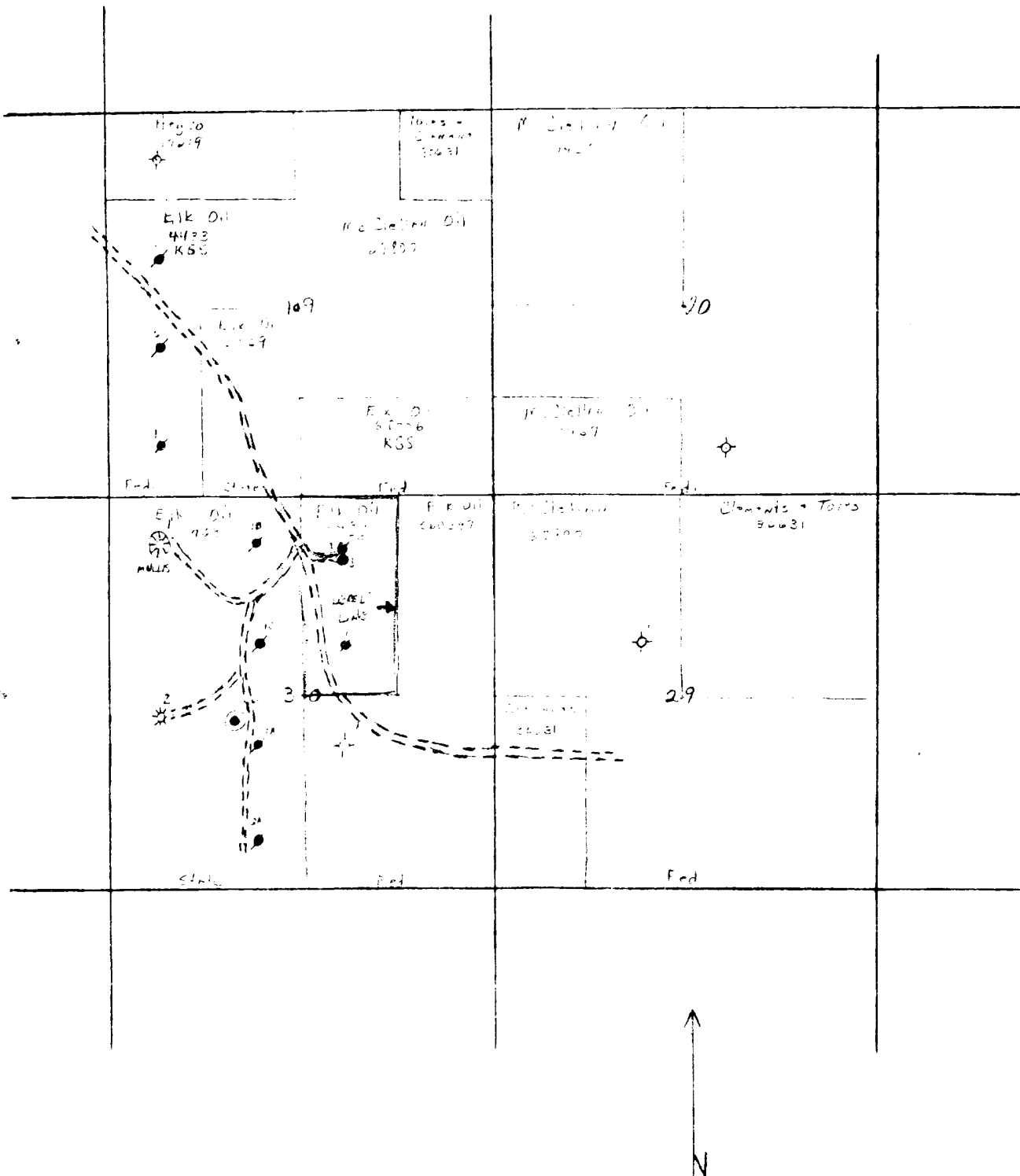


EXHIBIT "C"
Elk Oil Company
Well No. 3 Christine Fed.
680 FIL, 1980, Section 30
Township 15S, Range 29E,
Chaves County, New Mexico

1" = 2000'

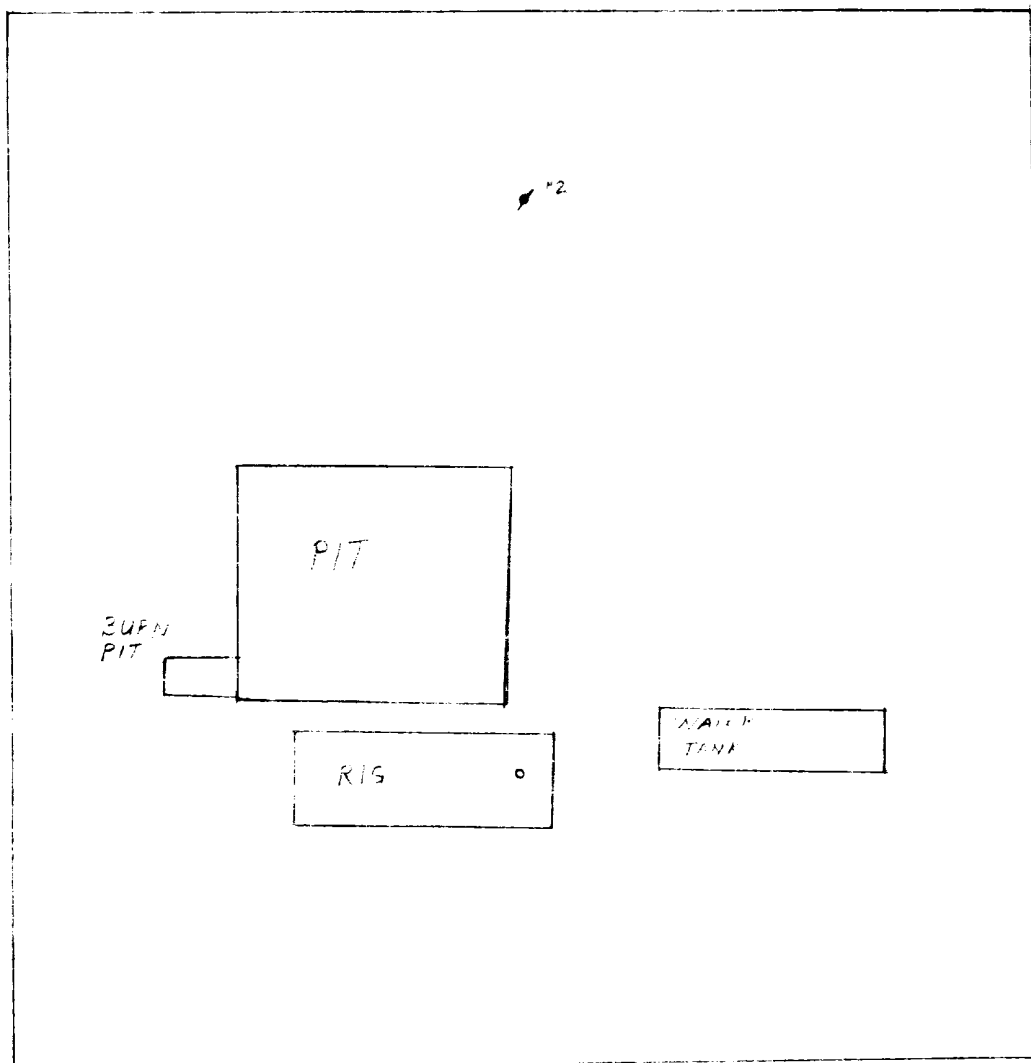


EXHIBIT "D"
Elk Oil Company
Well No. 3 Christine Fed.
680 FNL, 1980 FEL
Section 30, T-15S, R-29E,
Chaves County, New Mexico