

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Water Injection ☒SINGLE
ZONE ☐MULTIPLE
ZONE ☒

2. NAME OF OPERATOR

Shenandoah Oil Corporation

3. ADDRESS OF OPERATOR

1500 Commerce Building; Fort Worth, Texas 76102

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

At surface

1,980' FNL, 660' FNL Sec. 28, T-18S, R-31E, Eddy County

At proposed prod. zone New Mexico

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

8 miles SE of Loco Hills, New Mexico

15. DISTANCE FROM PROPOSED*

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

330

16. NO. OF ACRES IN LEASE

120

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.

660

19. PROPOSED DEPTH

3,600 (TD 3650)

20. ROTARY OR CABLE TOOLS

Rotary

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

3,614.3 G.L.

22. APPROX. DATE WORK WILL START*

23.

Record ~~PROPOSED~~ CASING AND CEMENTING ~~PROGRAM~~ in 1962

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11	8 5/8	24#	250'	Circulated in 1962
7 7/8	4 1/2	9.5#	3,650'	" (DWG 1044) in 1962

RECEIVED

1. Drill out inside 4 1/2" casing to 3,600'.

2. Perforate Queen section 3,265-75'; 3,286-94'
Perforate Penrose section 3,535-40'; 3,546-50'3. Run 2 3/8" o.d. tubing with downhole flow regulators and packers. Set
packers @3,200' and 3,500' to isolate perforated intervals.

4. Hook up well head and put to injection.

Formerly Gulf Oil Corp.
Per A. 11-30-65

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



TITLE

Manager - Secondary Rec.

DATE

July 31, 1972

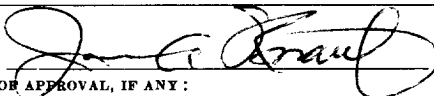
(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

AUG 4 1972

APPROVED BY



TITLE

DISTRICT ENGINEER

DATE

AUG 4 1972

CONDITIONS OF APPROVAL, IF ANY:

THIS APPROVAL IS RESCINDED IF THE OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS
EXPIRES 11-4-72*See Instructions On Reverse Side
PROPOSED OPERATIONS WILL NOT
AFFECT ENVIRONMENT SIGNIFICANTLY

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACREAGE DEDICATION PLAT

FORM C-128
Revised 5/1/57

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

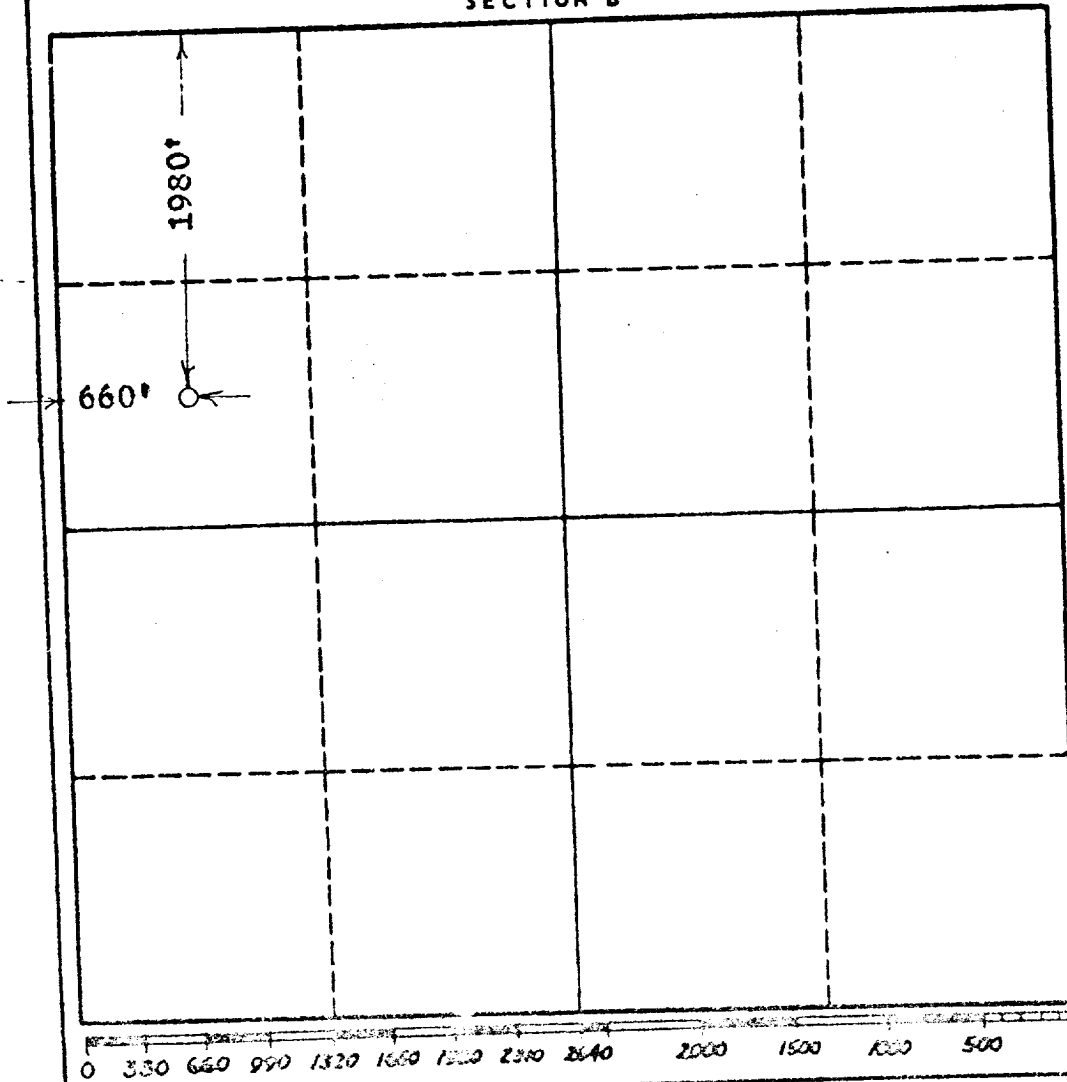
SECTION A

Operator Gulf Oil Corp.		Lease Federal-Keohane (et al)		Well No. 1
Unit Letter E	Section 28	Township 18 South	Range 31 East	County Eddy
Actual Footage Location of Well: 1980 feet from the north line and 660 feet from the west line				
Ground Level Elev. 3614.3	Producing Formation Queen		Pool Undesignated	Dedicated Acreage: 40 Acres

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO ____ ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES ____ NO ____ If answer is "yes," Type of Consolidation ____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

SECTION B



CERTIFICATION

I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

Name J. W. MISSEL
Position Area Production Manager
Company Gulf Oil Corporation
Date February 16, 1962

I hereby certify that the well location shown on the plat in SECTION B 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 Jan. 31, 1962
Registered Professional Engineer and/or Land Surveyor, JOHN W. WEST
Certificate No. A.N. - P.E. & L.S. NO. 678