

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 ☐SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

OLEN F. FEATHERSTONE

3. ADDRESS OF OPERATOR

1717 West Second Street, Roswell, New Mexico 88201

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

At surface

660' FNL, 330' FEL of Section 30, Township 15 South,
Range 30 East.

At proposed prod. zone

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

25 miles Northeast of Artesia, New Mexico

15. DISTANCE FROM PROPOSED*

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

330 feet

16. NO. OF ACRES IN LEASE

640 acres

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40 acres

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

19. PROPOSED DEPTH

11,200 feet

20. ROTARY OR CABLE TOOLS

Rotary

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

3959 feet GR

22. APPROX. DATE WORK WILL START*

November 7, 1970

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	12 3/4"	42#	475 ft	Circulate
11"	8 5/8"	32# & 24#	3,000 ft	400 sacks
7 7/8"	5 1/2"	17# & 20#	11,200 ft	200 sacks or more*

Propose to drill the well, set pipe and cement the surface and intermediate string as scheduled above. Core tests may be taken in the Queen and San Andres formations, and Drill Stem tests will be run over intervals of porosity, permeability and hydrocarbon.

Logs will be run and depending upon the results of the drillstem tests and logs, the well will either be plugged and abandoned or completed as a producer.

In the event the well is to be completed as a producer, 5 1/2" casing will be run and cemented with *200 sacks or more depending upon the number of zones to be covered. The productive zones will be perforated and treated.

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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 depths. Give blowout preventer program, if any.

24.

SIGNED

Charles W. Hickey

TITLE

General Manager

DATE

October 26, 1970

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED
CONDITIONS OF APPROVAL, IF ANY:

R. L. BEEKMA

THIS APPROVAL IS REVOKED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES JAN 28 1971

*See Instructions On Reverse Side

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.

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OIL CONSERVATION COMM. RECEIVED
HOBBBS, N. H.

OCT 29 1970

E. L. C.
ARTESIA, OFFICE

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-63

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

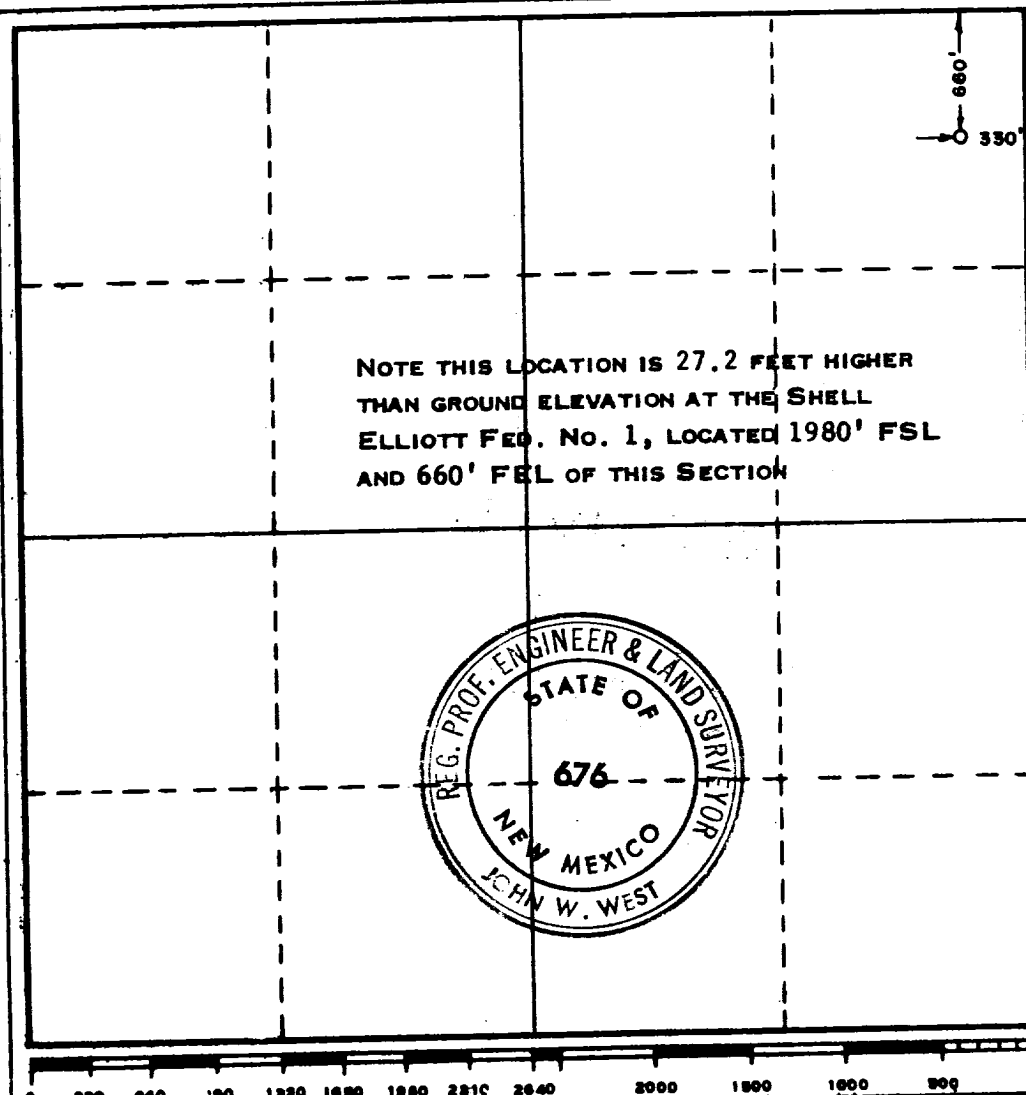
Operator OLEN F FEATHERSTONE			Lease HARRIS-FED.		Well No. 1
Unit Letter A	Section 30	Township 15 SOUTH	Range 30 EAST	County CHAVES	
Actual Footage Location of Well:					
660 feet from the NORTH line and		330 feet from the EAST line			
Ground Level Elev. 3959 feet	Producing Formation Devonian	Pool Little Lucky Lake Devonian Extension	Dedicated Acreage 40 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to 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.



CERTIFICATION

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

Name Charles W. Hicks
 Position General Manager
 Company OLEN F. FEATHERSTONE
 Date October 26, 1970

I hereby certify that the information shown on this plat was obtained 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.

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U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

Date Surveyed
OCT. 15, 1970
 Registered Professional Engineer
 and/or Land Surveyor

John W. West
 Certificate No. **676**

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OIL CONSERVATION COMM.
HOBBS, R. L.

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D. C. C.
ARTESIA, OFFICE