

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-015-21089

## 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

Skelly Oil Company

## 3. ADDRESS OF OPERATOR

P. O. Box 1351, Midland, Texas 79701

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

At surface

Unit Letter F, 2630' FNL and 1330' FWL, Section 22-17S-31E

At proposed prod. zone

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

7 miles southwest of Maljamar, New Mexico

## 15. DISTANCE FROM PROPOSED\*

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

## 16. NO. OF ACRES IN LEASE

5200

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.

## 19. PROPOSED DEPTH

3900

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3932' GR

## 22. APPROX. DATE WORK WILL START\*

January 25, 1974

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 11"          | 8-5/8"         | 24#             | 650'          | 350                |
| 7-7/8"       | 5-1/2"         | 15.5#           | 3900'         | 1100               |

The pump and plug process will be used in cementing both strings of casing. Both strings will be cemented to surface. The 5-1/2" OD casing will be perforated in the Grayburg-San Andres at approximately 3200 to 3900' and will be stimulated. The drilling fluid will be brine water with sufficient gel to condition the hole for logging and running casing. Blowout preventer will be installed and tested to 1000 PSI.

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ARTESIA, OFFICE

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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

J. R. Avent

TITLE

Dist. Admin. Coordinator

DATE

January 10, 1974

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

JAN 29 1974

APPROVED BY

TITLE

DISTRICT ENGINEER

DATE

CONDITIONS OF APPROVAL, IF ANY:

THIS APPROVAL IS RESCINDED IF OPERATIONS  
ARE NOT COMMENCED WITHIN 3 MONTHS

\*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.

NE EXICO OIL CONSERVATION COMMISSIO  
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

All distances must be from the outer boundaries of the Section

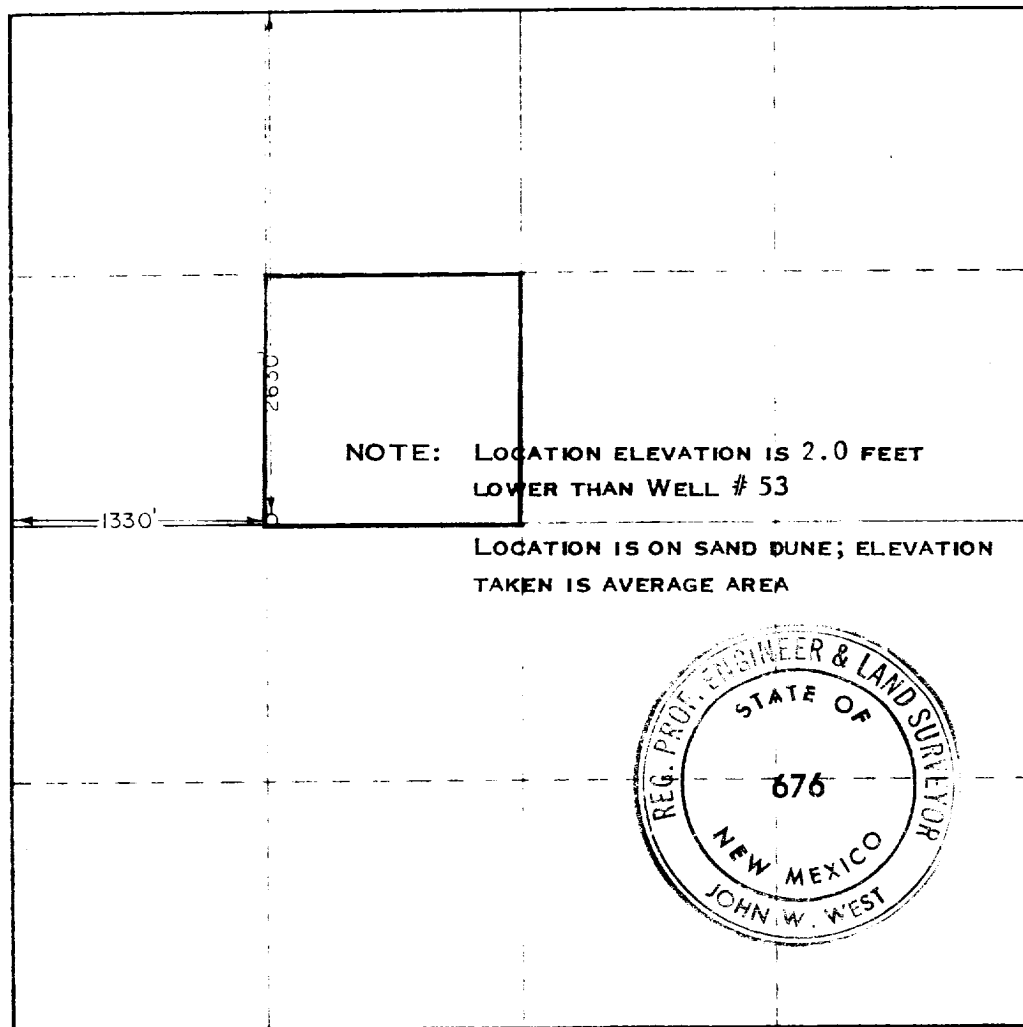
|                                       |                                                     |                             |                                 |                            |                                |
|---------------------------------------|-----------------------------------------------------|-----------------------------|---------------------------------|----------------------------|--------------------------------|
| Operator<br><b>SKELLY OIL COMPANY</b> |                                                     |                             | Lease<br><b>SKELLY UNIT</b>     |                            | Well No.<br><b>115</b>         |
| Section<br><b>F</b>                   | Section<br><b>22</b>                                | Township<br><b>17 SOUTH</b> | Range<br><b>31 EAST</b>         | County<br><b>EDDY</b>      |                                |
| Actual Surface Location of Well:      |                                                     |                             |                                 |                            |                                |
| <b>1330</b>                           |                                                     | feet from the <b>WEST</b>   | line and <b>2630</b>            | feet from the <b>NORTH</b> | line                           |
| Ground Level Elev.<br><b>3832'</b>    | Producing Formation<br><b>Grayburg - San Andres</b> |                             | Pool<br><b>Grayburg-Jackson</b> |                            | Dedicated Acreage<br><b>40</b> |

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  
(signed) D. R. Crow

Name **D. R. Crow**

Position **Lead Clerk**

Company **Skelly Oil Company**

Date **January 10, 1974**

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I hereby certify that the well location shown on this plat was plotted from notes of actual survey made under my supervision and that the same is true and correct to the best of my knowledge and belief

Date surveyed **NOVEMBER 12, 1973**

Registered Professional Engineer and Land Surveyor

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

330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600



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# SKELLY OIL COMPANY

Midland, Texas 79701

January 11, 1974

O. C. C.  
ARTESIA, OFFICE

File: Skelly Unit Well No. 115  
Skelly Lease No. 73617  
Grayburg-Jackson Pool  
Eddy County, New Mexico

U. S. Geological Survey  
Drawer "U"  
Artesia, New Mexico 88210

Gentlemen:

An Application For Permit To Re-enter Skelly Oil Company's Lynch "B" Well No. 1, 1980' FWL and 660' FWL of Section 27-178-31E, was submitted September 27, 1972 and approved by Mr. H. L. Beckman September 29, 1972. At that time the re-entry was designated as Skelly Unit Well No. 115. This work was not done and the permit expired December 29, 1972.

We now propose to drill Well No. 115 at an unorthodox location 2630' FWL and 1330' FWL of Section 22-178-31E, Eddy County, New Mexico. The New Mexico Oil Conservation Commission hearing, Case 5137, regarding the unorthodox location, was held January 3, 1974. The order is still pending. We do have verbal permission from Mr. D. S. Nutter to proceed, as far as the New Mexico Oil Conservation Commission is concerned.

We trust that this application meets with your approval.

Very truly yours,

Signed: J. R. Avent

J. R. Avent

CCB:lj1

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JAN 1 1971

D.C.D.  
AIR FORCE

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U.S. AIR FORCE  
OFFICE OF THE  
SECRETARY



# SKELLY OIL COMPANY

Midland, Texas 79701  
January 22, 1974

File: Skelly Unit Well No. 115  
Skelly Lease No. 73617  
Federal Lease No. LC-029419 (a)  
Grayburg-Jackson Pool  
Eddy County, New Mexico

U. S. Geological Survey  
Drawer "U"  
Artesia, New Mexico

Gentlemen:

As supplemental information to our Application To Drill the Skelly Unit Well No. 115, we are attaching a plat of wells and road locations, and schematic drawings of blowout preventers and drilling location layout.

We expect to have a rig available within a few days to commence drilling operations. If there is any other information required, please advise.

Very truly yours,

D. R. Crow  
Lead Clerk

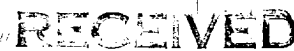
CCB:lj1  
cc: D. R. Crockett

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## ROAD MAP



B. 2. CENSUS SURVEY  
ARIZONA, NEW MEXICO

SKELLY OIL COMPANY  
SKELLY UNIT NO. 115  
BLOW-OUT PREVENTER  
2500 PSI WORKING PRESSURE

