

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-015-20261

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. <b>NM-2938</b>	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <b>Water Inj.</b> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR <b>Atlantic Richfield Company</b>			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR <b>P. O. Box 1978, Roswell, New Mexico 88201</b>			8. FARM OR LEASE NAME <b>Panco Federal</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface <b>2310' FNL, 2310' FWL (Unit Letter F)</b> At proposed prod. zone			9. WELL NO. <b>4</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			10. FIELD AND POOL, OR WILDCAT <b>Shugart-Queen</b>	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 23, T-18S, R-31E</b>	
16. NO. OF ACRES IN LEASE <b>440</b>			12. COUNTY OR PARISH <b>Eddy</b>	
17. NO. OF ACRES ASSIGNED TO THIS WELL <b>40</b>			13. STATE <b>N.M.</b>	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. <b>3550'</b>			20. ROTARY OR CABLE TOOLS <b>Rotary</b>	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>To be reported</b>			22. APPROX. DATE WORK WILL START* <b>10/8/69</b>	
23. PROPOSED CASING AND CEMENTING PROGRAM				

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	8-5/8	24#	800'	Circulate
7-7/8	4-1/2	9.5#	3550'	300 ex Class C

We propose to drill the above well to serve as a water injector for the Panco Waterflood Project. Two ram BOP's will be used on all casing strings.

RECEIVED

OCT 23 1969

O. C. C.  
ARTESIA, OFFICERECEIVED  
OCT 21 1969  
U. S. GEOLOGICAL SURVEY  
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 Original Signed  
O. D. Bretches TITLE Dist. Drlg. Supervisor DATE 9-19-69

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED  
OCT 21 1969  
R. L. BEEKMA  
ACTING DISTRICT SUPERVISOR

THIS APPROVAL IS RESCINDED IF OPERATIONS  
ARE NOT COMMENCED WITHIN 3 MONTHS.  
EXPIRES JAN 21 1970

DATE

\*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.

**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 <b>Atlantic Richfield Co.</b>			Lease <b>Panco Federal</b>		Well No. <b>4</b>
Unit Letter <b>F</b>	Section <b>23</b>	Township <b>18-S</b>	Range <b>31-E</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>2310</b> feet from the <b>North</b> line and <b>2310</b> feet from the <b>West</b> line					
Ground Level Elev.	Producing Formation <b>Queen</b>	Pool <b>Shugart</b>	Dedicated Acreage: <b>40</b> Acres		

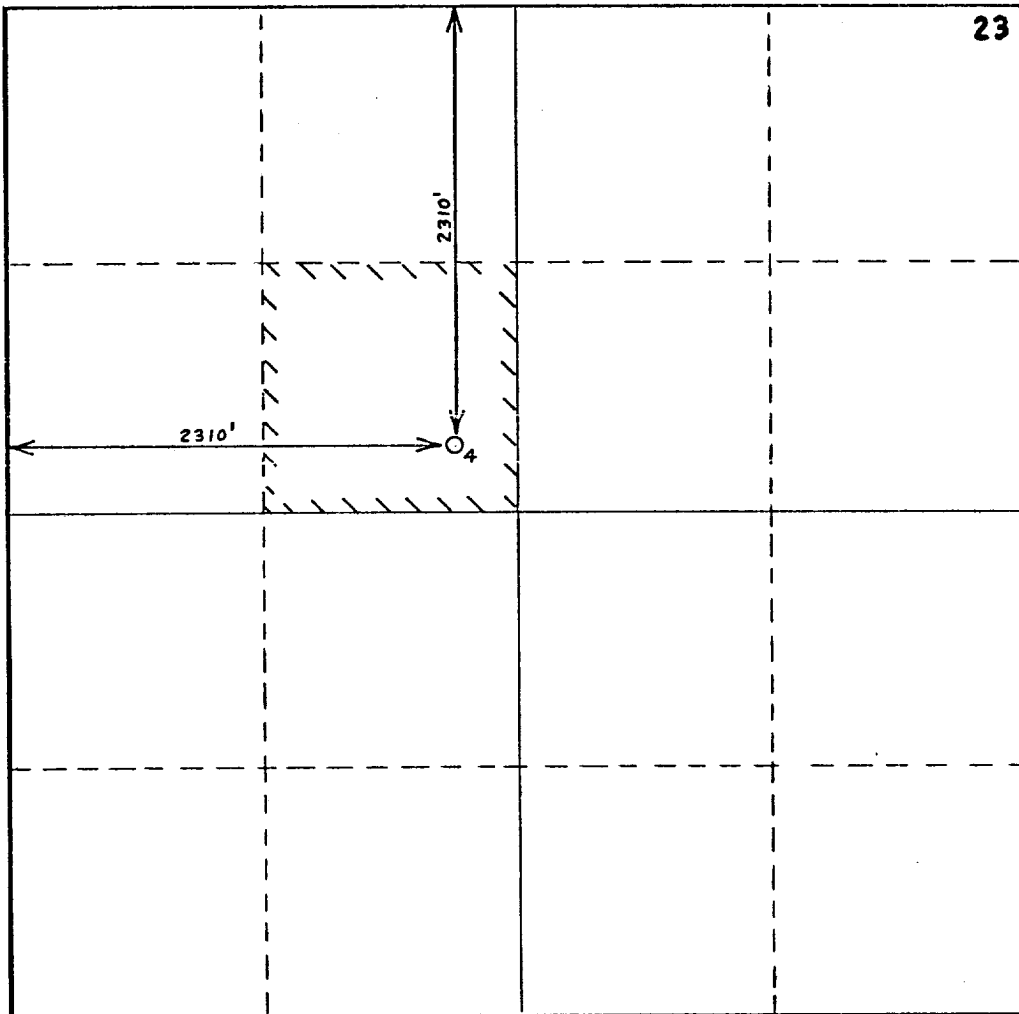
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is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

**R 31 E**



**CERTIFICATION**

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

*A.D. Kloxin*

Name

**A.D. Kloxin**

Position

**Dist. Prod. & Drlg. Supt.**

Company

**Atlantic Richfield Co.**

Date

**September 19, 1969**

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

**Sept. 17 - 1969**

Registered Professional Engineer  
and/or Land Surveyor

*Shirley Anderson*

Certificate No.

**648**

330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0