

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

HUSKY OIL COMPANY ✓

3. ADDRESS OF OPERATOR

600 S. Cherry St., Denver, Colorado 80222

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

670' FNL &amp; 660' FWL, NW NW

At proposed prod. zone

Same

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

Approximately 14 miles to Roswell, New Mexico

15. DISTANCE FROM PROPOSED\*

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

660'

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

13,000'

16. NO. OF ACRES IN LEASE

1960'

19. PROPOSED DEPTH

3900'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

3572' GR

22. APPROX. DATE WORK WILL START\*

12/24/84

23.

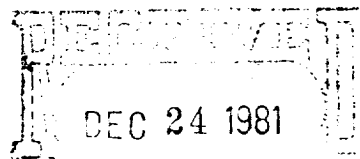
## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	950'	Circ. to surface
12-1/4"	8-5/8"	24#	1600'	Circ. to surface
7-7/8"	4-1/2"	10.5#	3900'	300 sx ±

We propose to drill the captioned well and test the Abo formation. We propose to test any shows deemed worthy of test and to set casing, as above, or to plug and abandon in accordance with instructions received from the U.S.G.S. An archaeological survey has been made and clearance recommended for the site and access road.

We propose to use the caliche pit in Section 7, T6S, R26E, NMPM, Chaves County. New Mexico Archaeological Services has also submitted a clearance report on this quarry.

The gas for the above well is not dedicated.

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ROSWELL, 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

*Jim Yates*

TITLE Drilling Engineer

DATE December 21, 1981

(This space for Federal or State office use)

PERMIT NO.

APPROVED

(Orig. Sgd.) ROGER A. CHAPMAN

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

DEC 28 1981

TITLE

DATE

*for* JAMES A. GILLHAM  
DISTRICT SUPERVISORSEE PAGE 2 FOR  
CONDITIONS OF APPROVAL

**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>HUSKY OIL COMPANY</b>			Lease <b>Bitter Lake Federal</b>		Well No. <b>2-Y</b>
Unit Letter <b>"D"</b>	Section <b>24</b>	Township <b>8 South</b>	Range <b>24 East</b>	County <b>Chaves</b>	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> <span>670 feet from the North line and</span> <span>660 feet from the West line</span> </div>					
Ground Level Elev. <b>3572.2</b>	Producing Formation <b>Abo</b>	Pool <b>Walden Bitter Lake</b>		Dedicated Acreage: <b>160 Acres</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).  

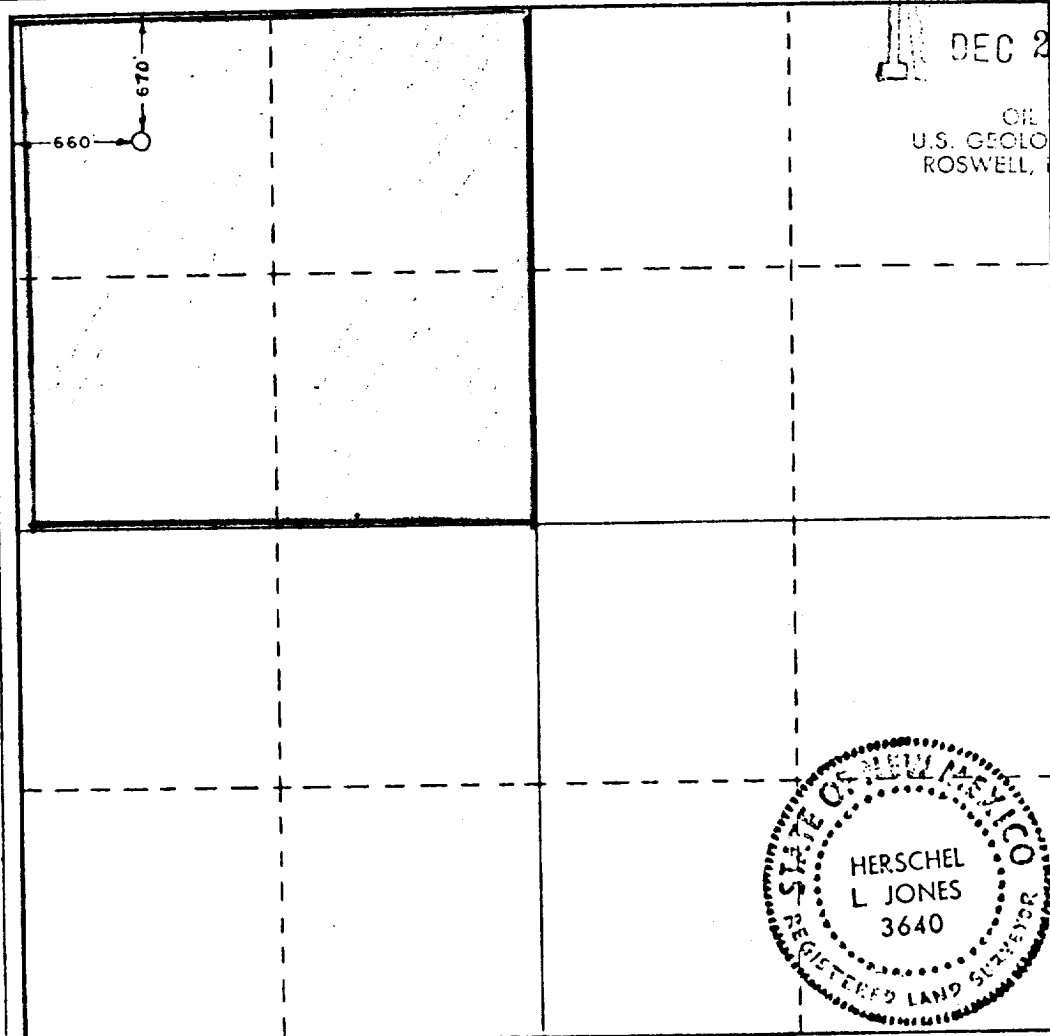
N/A
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?  

N/A

☐ 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.

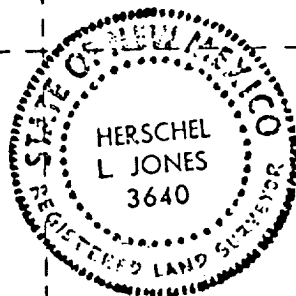
Name **L. L. Novacek**  
 Position **L. L. Novacek Drilling Manager**  
 Company **HUSKY OIL COMPANY**  
 Date **12/21/81**

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. 14, 1981**

Registered Professional Engineer and/or Land Surveyor

Certificate No **3640**



0 330 660 990 1320 1650 1980 2310 2640 2000 1600 1200 800 0

UNITED STATES  
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SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒  
well well other

2. NAME OF OPERATOR

HUSKY OIL COMPANY

3. ADDRESS OF OPERATOR

600 S. Cherry St., Denver, CO 80222

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 670' FNL & 660' FWL, NW1/4NW1/4

AT TOP PROD. INTERVAL: Same.

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐

☐  
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☐

(other) Re-drill Bitter Lake Federal #2

5. LEASE

NM 16316

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Bitter Lake Federal

9. WELL NO.

2-Y (Re-drill of WELL NO. 2)

10. FIELD OR WILDCAT NAME

Wildcat; Abo

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 24, T8S-R24E

12. COUNTY OR PARISH

Chaves

13. STATE

New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
3572'

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The Bitter Lake Federal #2 well was plugged because the cellar caved in and the rig was sinking. A bigger rig, which is capable of handling 13-3/8" casing, will be used to redrill the well. (Location was moved 10' south)

A corrected form 9-331C and a corrected plat are attached.

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NEW MEXICO

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Jim Yates TITLE Drilling Engineer DATE December 21, 1981

APPROVED

(This space for Federal or State office use)

APPROVED BY (Orig. Sgd.) ROGER A. CHAPMAN

CONDITIONS OF APPROVAL, IF ANY:

DATE

DEC 28 1981

JAMES A. GILLHAM  
DISTRICT SUPERVISOR

\*See Instructions on Reverse Side