

NM OIL COND. COND.
Drawn by DD
Artes. NM 88210SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

MAY 27 1982

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

McKay Oil Corporation ✓

ARTESIA, OFFICE

3. ADDRESS OF OPERATOR

Box 2014 - Roswell, NM 88201

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

At surface

660' FSL & 1980' FEL Sec. 18, T-8S, R-26E

At proposed prod. zone 1930'

Same

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

20 miles northeast of Roswell

15. DISTANCE FROM PROPOSED*

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

660'

16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1320'

19. PROPOSED DEPTH

4800'

20. ROTARY OR CABLE TOOLS

Rotary

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

3650' GL

22. APPROX. DATE WORK WILL START*

June 20, 1982

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#	900'	Circulate cement
7-7/8"	4-1/2"	10.5#	TD or PBTD	±500 sx. (sufficient to isolate all oil, gas or water zones)

Propose to drill to about 4800' to test Abo and intermediate zones. Evaluate any favorable zones. Run casing thru deepest zones that appear commercial. Perform normal completion by perforating, stimulating, and testing. See attached "Supplementary Drilling Data" and BOP information.

The gas is not dedicated.

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MAY 16 1982OIL & GAS
U.S. GEOLOGICAL SURVEY
DANIEL, 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

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY

TITLE Agent

DATE 5/3/82

APPROVAL DATE

TITLE

DATE

MAY 20 1982
FOR
JAMES A. GILLHAM
DISTRICT SUPERVISORPast ID-1
API & N. Book
5-28-82

*See Instructions On Reverse Side

OIL CONSERVATION DIVISION

P. O. BOX 2088

Form C-102
Revised 10-1-71

STATE OF NEW MEXICO

SANTA FE, NEW MEXICO 8750

ENERGY AND MINERALS DEPARTMENT

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

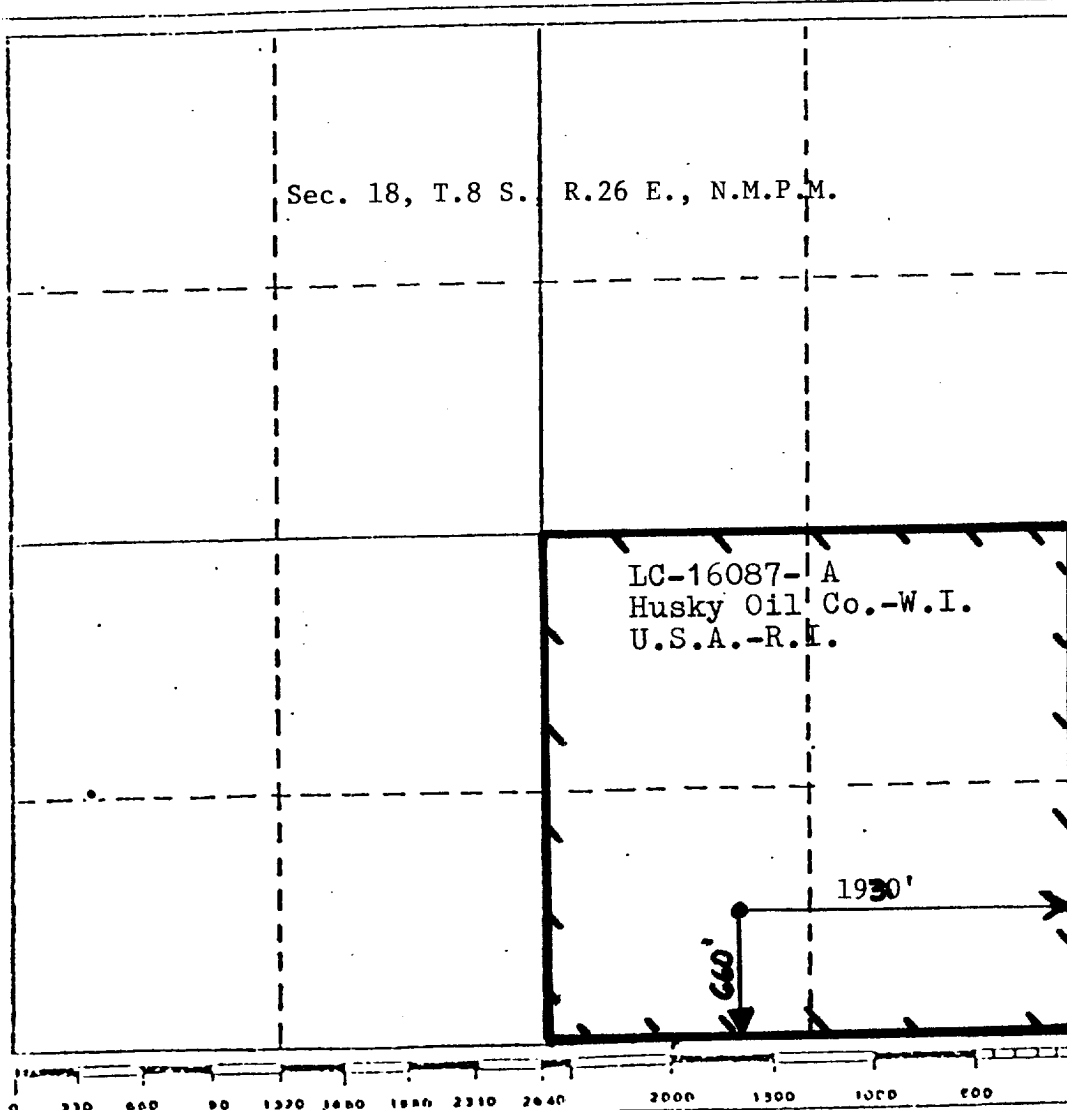
Operator McKay Oil Corp.		Lease Husky-McKay		Well No. #1
Tract Letter 0	Section 18	Township 8 South	Range 26 East	County Chaves
Actual Postage Location of Well:				
1930	feet from the East	line and	660	feet from the South
Ground Level Elev. 3650	Producing Formation Abo	Pool Undesignated <u>U.O.</u>	Dedicated Acreage: 160 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.) Husky Oil Co. SE/4 Sec. 18, T-8S, R-26E

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 Division



CERTIFICATION

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

Name
Marcus L. Wise

Position
Agent

Company
McKay Oil Corporation

Date
May 19, 1982

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.

JOHN D. JAQUES
NEW MEXICO
Professional Engineer
and
Surveyor
April 19, 1982
John D. Jaques, P.E. & L.S.
Certificate No. 6290

NM OIL CONS. COMMISSION

Drawer D3

Alamosa, NM 88210

RECEIVED

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MAY 27 1982

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 well ☐ gas well ☒ other

2. NAME OF OPERATOR
McKay Oil Corporation ✓

3. ADDRESS OF OPERATOR
P.O. Box 2014 Roswell, N.M. 88201

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

* AT SURFACE: 660' FSL & 1930' FEL
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

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) Move location 50' to the East

5. LEASE

LC-16087-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Husky-McKay

9. WELL NO.

1

10. FIELD OR WILDCAT NAME

Undesignated Abo

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

S-18, T-8S, R-26E

12. COUNTY OR PARISH

Chaves

13. STATE

N.M.

14. API NO.

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

3650' GL

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

RECEIVED
MAY 21 1982

OIL & GAS
U.S. GEOLOGICAL SURVEY

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.)*

Propose to re-stake subject location 50' to the East
to provide additional clearance between well and new
powerline.

Original Location: 660' FSL & 1980' FEL Sec. 18, T-8S, R-26E

Proposed New Location: 660' FSL & 1930' FEL Sec. 18, T-8S, R-26E

(Well Plat Attached)

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Manus L. Williams TITLE Agent DATE May 19, 1982

(Orig. Sgd.) GEORGE H. STEWART for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITION OF APPROVAL, IF ANY:

JAMES A. GILLHAM
DISTRICT SUPERVISOR

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

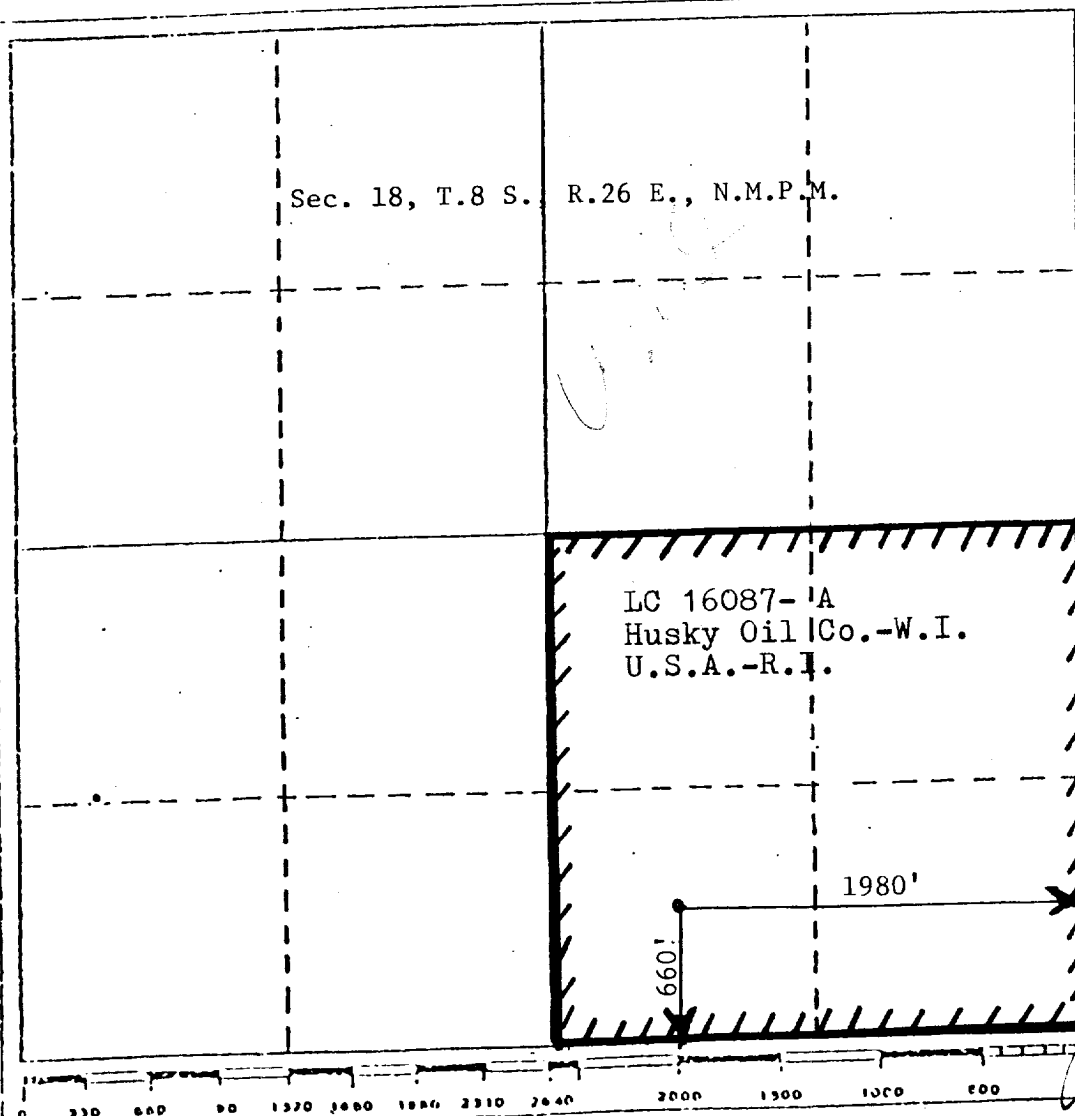
Operator McKay Oil Corp.		Lease Husky-McKay		Well No. #1
Unit Letter 0	Section 18	Township 8 South	Range 26 East	County Chaves
Actual Postage Location of Well:				
1980 feet from the East line and 660 feet from the South line				
Ground Level Elev. 3650	Producing Formation Abo	Pool Undesignated	Dedicated Acreage: 160 Acr	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.) **Husky Oil Co. SE 1/4 Sec. 18, T-8S, R-26E**

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 Division.



CERTIFICATION

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

Marcus L. Wise
Name
Marcus L. Wise

Position
Agent

Company
MCKAY OIL CORP.

Date
May 3, 1982

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

JOHN D. JAQUESS
Professional Engineer
and Surveyor
NEW MEXICO
April 15, 1982
John D. Jaquess, P.E. & L.
Certificate No. 6290

SUPPLEMENTAL DRILLING DATA

McKay Oil Corporation
No. 1 Husky-McKay Federal
660' FSL & 1980' FEL-Sec. 18, T-8S, R-26E
Chaves County, New Mexico

LC-16087-A

The following items supplement Form 9-331C in accordance with instructions contained in NTL-6.

1. Surface Formation: Artesia Group of the Permian System.
2. Estimated Tops of Geologic Markers:

San Andres	750'
Glorieta	2000'
Abo	4100'
3. Estimated Depths to Water, Oil or Gas Formation:

Fresh water -	Surface to 250'
Gas	- 4100' to Abo
4. Proposed Casing Program: See Form 9-331 C
5. Pressure Control Equipment: Blow out preventor stack will consist of at least a double-ram blow out preventor rated to 3000# WP. A sketch of the BOP is attached.
6. Circulating Medium: Natural fresh water mud will be used as the circulating medium to about 4100'. Additives will be used as recommended by the mud engineer. The Abo portion of the hole will be drilled using a salt/oil system with mud weight of 10#/gal.
7. Auxiliary Equipment: Full-opening Kelly cock, to fit the drill string in use, will be kept on the rig floor at all times.
8. Testing, Logging and Coring Program:

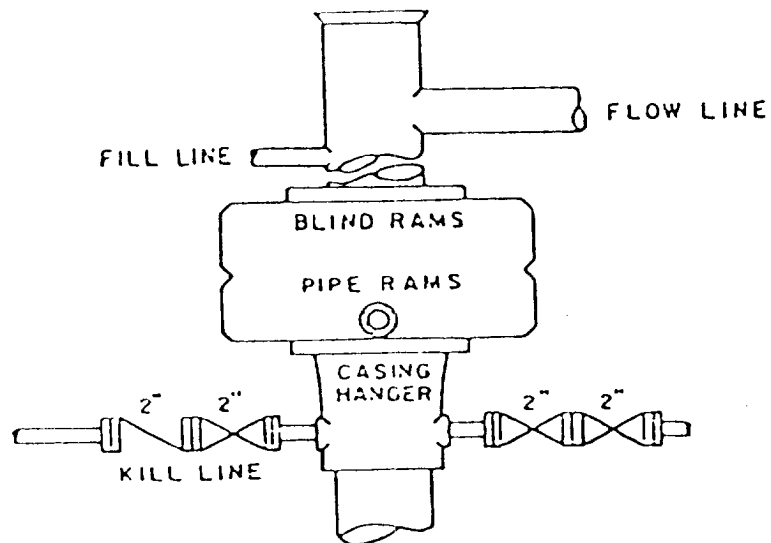
Samples:	Run samples 10' intervals from surface to TD.
DST's:	Test zones as recommended by wellsite geologist.
Logging:	Dual Laterolog and Compensated Neutron/Density log with Gamma Ray and Caliper will be run from surface casing shoe to TD.
Coring:	None planned.

9. Abnormal Pressure, Temperature & Hydrogen Sulfide:

None anticipated. Maximum bottom-hole pressure should not exceed 1500 psi.

10. Anticipated Starting Date: Drilling will commence about May 30, 1982. Drilling should be completed within 21 days. Completion operations (perforations and stimulation) will follow drilling operations.

MCKAY OIL CORP.
NO. 1 HUSKY-MCKAY FED.
SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-8S-26E
Chaves County, N.M.



BOP STACK

3000 PSI WORKING PRESSURE
TEST RAMS DAILY