

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-21816 4157

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

ASHLAND OIL COMPANY, Inc.

3. ADDRESS OF OPERATOR

1902 LINCOLN CENTER BLDG. DENVER, COLORADO 80203

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

At surface
NWSW 1980 FSL, 660 FWL
Same

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

3 miles north and 1½ miles west of Sanabasco, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

5940'

18. DISTANCE FROM PROPOSED LOCATION*

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

2200'

16. NO. OF ACRES IN LEASE

1905 acres

17. NO. OF ACRES ASSIGNED

TO THIS WELL

160 acres

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

5993' Ground

22. APPROX. DATE WORK WILL START*

May 30, 1975

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 ¼"	13 3/8"	54.00	100'	as required (Halliburton)
12 ¼"	8 5/8"	36.00	1500'	as required (Halliburton)
7 7/8"	4 ½"	10.50	6300'	As required (Halliburton)

Propose to drill and test the Pennsylvanian "Barker Creek" zone and the Mississippian and Devonian formations. If commercial production is obtained then production equipment will be installed and the well completed in a proper oil field manner.

The surface pipe will be cemented w/ approx 130 sx cement, Intermediate string will be set thru the Entrada ss and cemented with approx 600 sx. R Production string at 6300' will be cemented with approx 400 sx.

Adequate Blow-out Prevention Equipment will be furnished by the Drilling Contractor (Loffland Brothers)

The operator Ashland Oil have a nation wide and Navajo Bond

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

Robert E. Lauth

TITLE

Agent

Geological Consultant

DATE

May 28, 1975

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

MAY 29 1975

DATE

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-107
Supersedes O-106
Effective 1-1-68

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

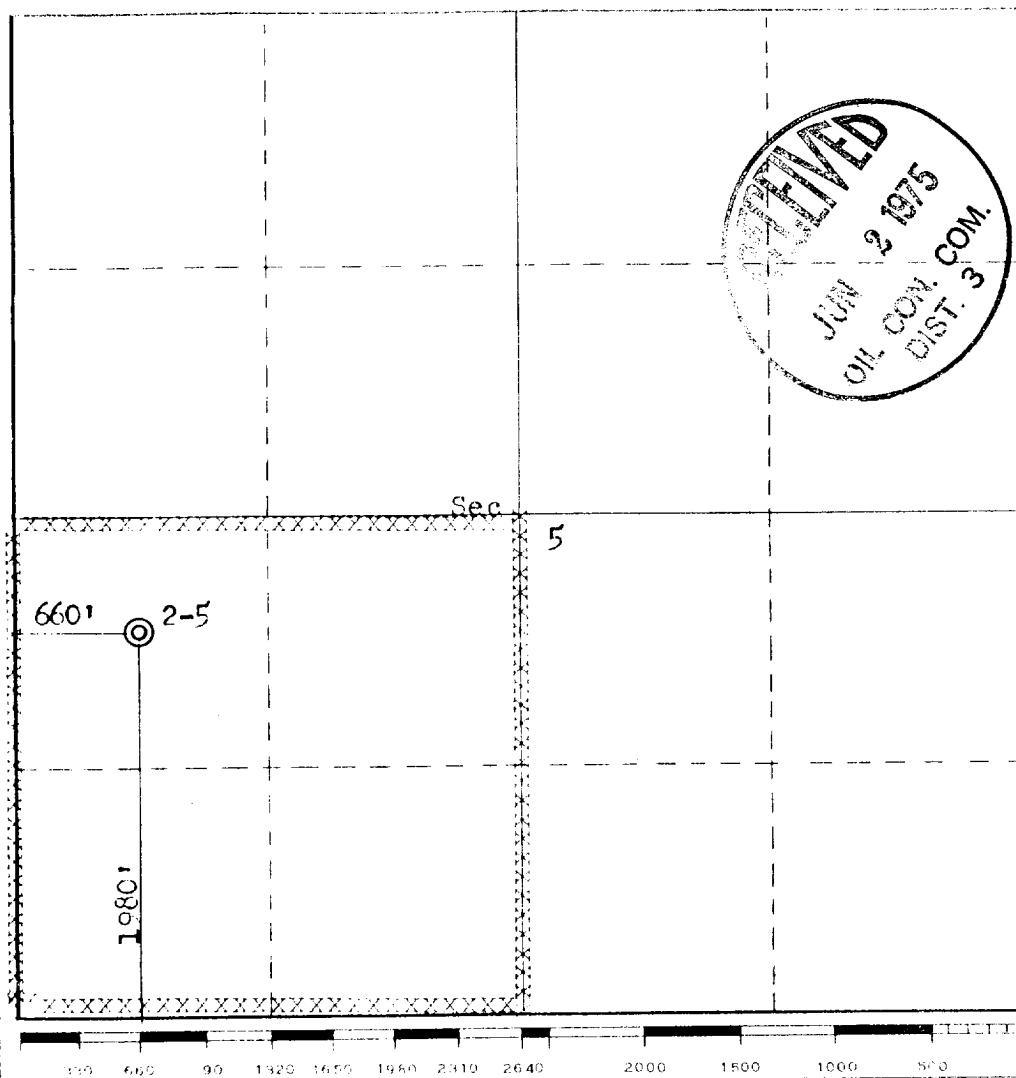
Owner Ashland Oil Company Inc.			Lease Navajo 51		Well No. 2-5
Section L	Range 5	Township 26N	Range 19W	County San Juan	
Actual Distance from Section Well:					
1980 feet from the South		Line and 660		feet from the West	
Section Level Elev. 5993	Underlying Formation Mississippian	Pool Wildcat confirmation		Estimated Acreage 160 ac	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below. *no plat*
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.

Robert E. Louth
Name
Geological Consultant

Ashland Oil Co. Inc.

May 28, 1975

Robert E. Louth

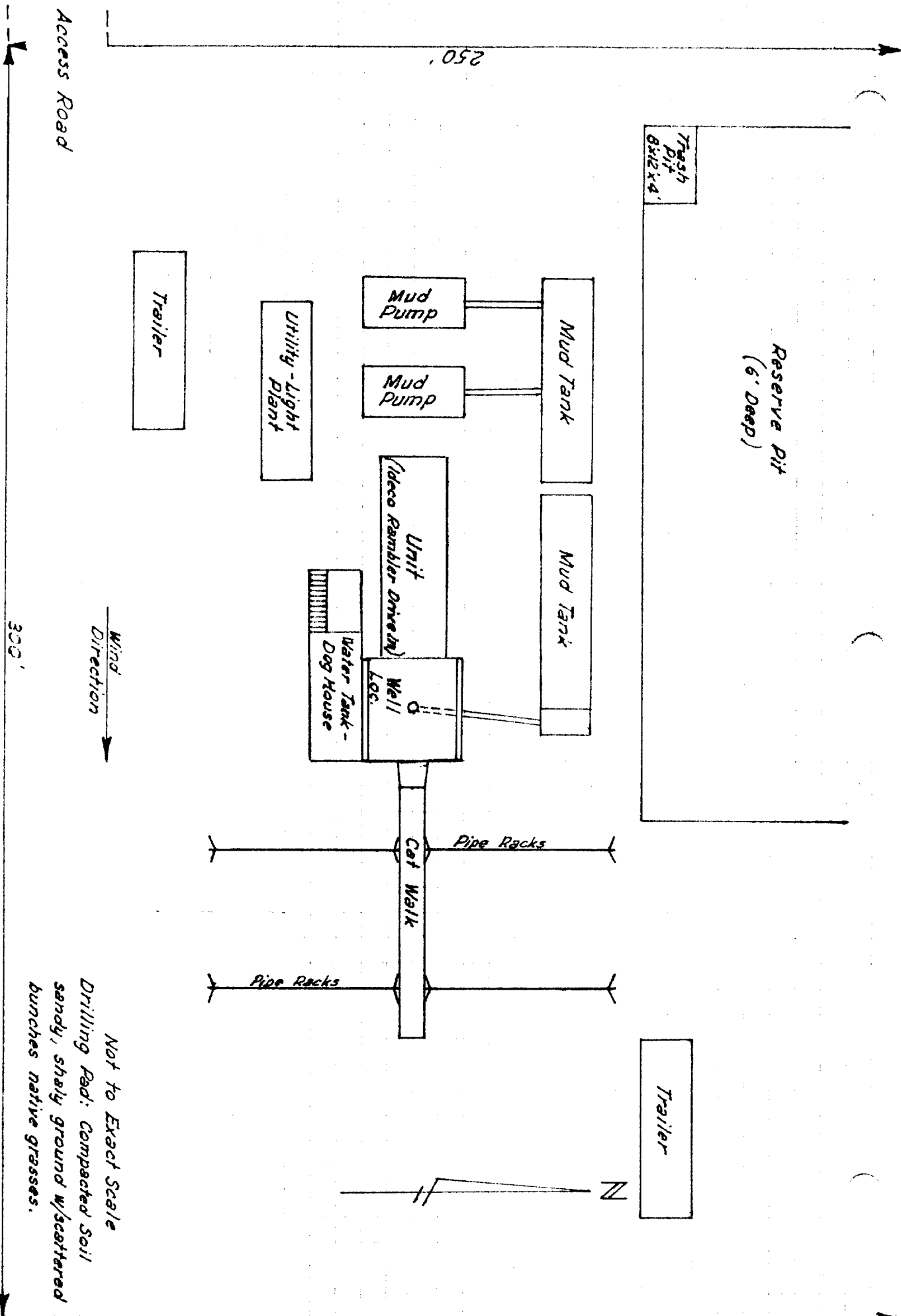
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

May 28, 1975

Fred B. Kerr Jr.

Fred B. Kerr Jr.

3950



RIG LAYOUT PLAT

ASHLAND OIL CO., INC. NO. 2-5 NAVAJO

NWSW Sec. 5, T26N-R19W, San Juan Co., N.M.



ROBERT E. LAUTH

GEOLOGICAL CONSULTANT

MEMBER AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS

960 East Second Ave. - P.O. Box 776 - Durango, Colorado 81301

AC 303-247-0025

May 28, 1975

Mr. Phil McGrath, District Engineer
U.S. Geological Survey
P.O. Box 959
Farmington, New Mexico 87401

Re: Application for Permit to Drill
Ashland Oil Co. Inc. No.2-5Navajo
NWSW Sec 5 T26N, R19W NMPM
San Juan County, New Mexico

Dear Mr. McGrath:

Enclosed are eight (8) copies of the application to drill on the above captioned well. Also enclosed are plats showing the location of the existing roads, wells and lateral road to the location. Basically, except for the short lateral, the existing roads will be utilized. If the well is productive, tank batteries and flow lines will be installed essentially within the area cleared for the drilling operations. The location is in light sandy and shaly soil of the Lower Mancos formation. Vegetation is sparse with scattered clumps of native grass.

Arrangements for water have been made with the drilling contractor (Loffland Drilling Co. Bernie Sansing TP Rig 12) and it will probably be from the Big Gap Reservoir four miles to the northeast.

The drilling contractor will furnish adequate blowout prevention equipment.(12" series 900 hydraulically actuated double gate and bag type BOP. All BOP equipment will be nipped up with choke and kill lines installed and tested before drilling cement from shoe joint)

Waste disposal will be buried in the burn pit, latrine, or reserve pits as needed.

No camp or airstrip will be associated with the drilling of this well. Small self-contained trailers will be used by the supervisory personnel during drilling and testing operations.

A plat is also included to show the layout of the rig, mud tanks, reserve pit, burn pit, latrine etc.

Upon completion of the well the location will be cleaned, leveled, reseeded and restored to the original as much as conditions and operations permit. Mr. Leonard Feller with BLM in Shiprock has given verbal approval on this location.

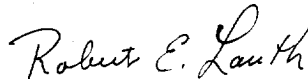
Archaeological clearance has been requested: Mr. Lee Correll of Windowrock Ariz. will meet me tomorrow morning for surface inspection.

The lessee's Ashland Oil Co. Inc. lease bond is on file with the Bureau of Indian Affairs at Window Rock Arizona.

When approval is obtained from your office, would you kindly send approved copies to the Navajo Tribe Minerals Dept. so they can determine surface damages, Oil and Gas Conservation Commission of New Mexico, U.S. Geological Survey in Roswell, New Mexico and Ashland Oil Co. Inc. Suite 1902 Lincoln Center Bldg. Denver, Colorado 80203

Thank you

Very truly yours,

A handwritten signature in cursive script that reads "Robert E. Lauth".

Robert E. Lauth

Certified Professional Geologist

P.S. If any other papers need to be filed ,please contact me in Durango,Colo.



OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO
1000 RIO BRAZOS RD. - AZTEC

87410

June 4, 1975

I. R. TRUJILLO
CHAIRMAN

LAND COMMISSIONER
PHIL R. LUCERO
MEMBER

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

Ashland Oil Company, Inc.
1902 Lincoln Center Building
Denver, Colorado 80203

Re: Navajo 5 #2, L-5-26N-19W
Navajo 5 #3, B-5-26N-19W

Gentlemen:

We have received forms 9-331C which we have modified to read as shown above.

Due to computer space, we cannot allow the section number to appear in the well number. It can appear as a portion of the lease name.

The acreage dedicated to each of the captioned wells is 160 acres. The state-wide acreage dedication for gas wells is 160 acres, and for oil wells is 40 acres.

The footage location for each of these is standard for an oil completion, but does not comply for a gas well completion.

If there are questions please contact us.

Yours very truly,


A. R. Kendrick
District III Engineer

ARK/me

cc: Mr. Robert E. Lauth
Box 776
Durango, Colorado 81301

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 43-81494

5. LEASE DESIGNATION AND SERIAL NO.

Tr. 109, NCO 14-20-4157

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

--

8. FARM OR LEASE NAME

Navajo

9. WELL NO.

5 #2

10. FIELD AND POOL, OR WILDCAT

WC (Confirm)

11. SEC., T., R., N., OR E&K. AND
SURVEY OR AREA

Sec. 5, 26N, 19W, NMPM

12. COUNTY OR PARISH

San Juan

13. STATE

N. M.

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 "APPLICATION FOR PERMIT" for such proposals.)1. ☐ OIL WELL ☐ GAS WELL ☐ OTHER Dry Hole

2. NAME OF OPERATOR

Ashland Oil, Inc.

3. ADDRESS OF OPERATOR

1660 Lincoln, Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

NW SW, 1980' FSL & 660' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)

6007 KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETION ☐ABANDON* ☐REPAIR PLUG ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐REPAIRS ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☒

* Report results of multiple completion on Well

* Report results of fracture treatment, plug and lag, or other

* Report results of shooting or acidizing, or other well treatment

Plugging Completion - 1985.

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

SIGNED

H. W. Stack
H. W. Stack

Regional Engineer

DATE

7-17-75

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY

DATE

DATE

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-21424.

5. LEASE DESIGNATION AND SERIAL NO.

Tr. 109, NCO 14-20-4157

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

--

8. FARM OR LEASE NAME

Navajo

9. WELL NO.

5 #2

10. FIELD AND POOL, OR WILDCAT

WC (Confirm)

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

Sec. 5, 26N, 19W, NMPM

12. COUNTY OR PARISH 13. STATE

San Juan

N. M.

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 "APPLICATION FOR PERMIT—" for such proposals.)

1. ☐ OIL WELL ☐ GAS WELL ☐ OTHER Dry Hole

2. NAME OF OPERATOR

Ashland Oil, Inc.

3. ADDRESS OF OPERATOR

1660 Lincoln, Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

NW SW, 1980' FSL & 660' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether SF, ST, OR, etc.)

6007 KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTERFERENCE TO:

TEST WATER SHUT-OFF ☐

FRACURE TREAT ☐

SHOOT OR ACIDIZING ☐

REPAIR WELL ☐

(Other) ☐

FULL OR ALTER CASING ☐

MULTIPLE COMPLETIONS ☐

ABANDON* ☒

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)*

Since no commercial hydrocarbons were found, permission requested to P & A as follows:

Interval	Feet	Sacks
6167 - 5847	320	97
4957 - 4807	150	45
3450 - 3300	150	45
3200 - 3050	150	45
1600 - 1425	175	45 (9 5/8 @ 1483)
35 - 0	35	10
		287

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

SIGNED

H. W. Stack
H. W. STACK

TITLE Regional Engineer

DATE 7-17-75

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE



OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO
1000 RIO BRAZOS RD. - AZTEC

87410

DIRECTOR
JOE D. RAMEY

LAND COMMISSIONER
PHIL R. LUCERO



STATE GEOLOGIST
EMERY C. ARNOLD

October 24, 1977

Ashland Oil Co., Inc.
1902 Lincoln Center Bldg.
Denver, Colorado 80203

Re: Operator- Ashland Oil Co., Inc.
Well- Navajo 5 #2
Location- L-5-26N-19W

Gentlemen:

Our records for the subject well indicate the well to have been drilled.

File reports as indicated:

- (X) C-103 or 9-331 , casing
- (X) C-103 or 9-331, intent to Plug and abandon
- (X) C-105 or 9-330, well record report
- (X) C-103 or 9-331, subsequent report of abandonment
- () One copy of each wire line log run

Rule 202 allows drilling wells to be shut down up to 60 days without temporary abandonment.

Please cause this well be be a useful well or plug and abandon it.

Yours very truly,

A. R. Kendrick
A. R. Kendrick
Supervisor, District #3

ARK:mc

xc: Oil Conservation Commission
Santa Fe, New Mexico

U. S. G. S.
Farmington, NM