

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-21817

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 recommendations)

At surface

NWNE 660 'FNL, 1980' FEL

At proposed prod. zone

Same

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

3 1/2 miles north and 2 miles west of Sanastee, New Mexico

15. DISTANCE FROM PROPOSED*

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

5940'

16. NO. OF ACRES ASSIGNED

1905 acres

18. DISTANCE FROM PROPOSED LOCATION*

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

1650'

19. PROPOSED DEPTH

6300'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160 acres

20. ROTARY OR CABLE TOOLS

Rotary

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

5003' Grd.

22. APPROX. DATE WORK WILL START*

June 20, 1975

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/4"	13 3/8"	54.00	100'	as required (Halliburton)
12 1/4"	8 5/8"	36.00	1500'	as required (Halliburton)
7 7/8"	4 1/2"	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 with approx 130 sx. : Intermediate string will be set thru the Entrada ss and cemented with approx 600sx. 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 Drilling Co. Rig 12)

The operator Ashland Oil Co. Inc. has 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

DATE

CONDITIONS OF APPROVAL, IF ANY:

NSC for gas well

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-10,
Supersedes O-1, 2, 3
Effective 1-1-68

All distances must be from the outer boundaries of the Section

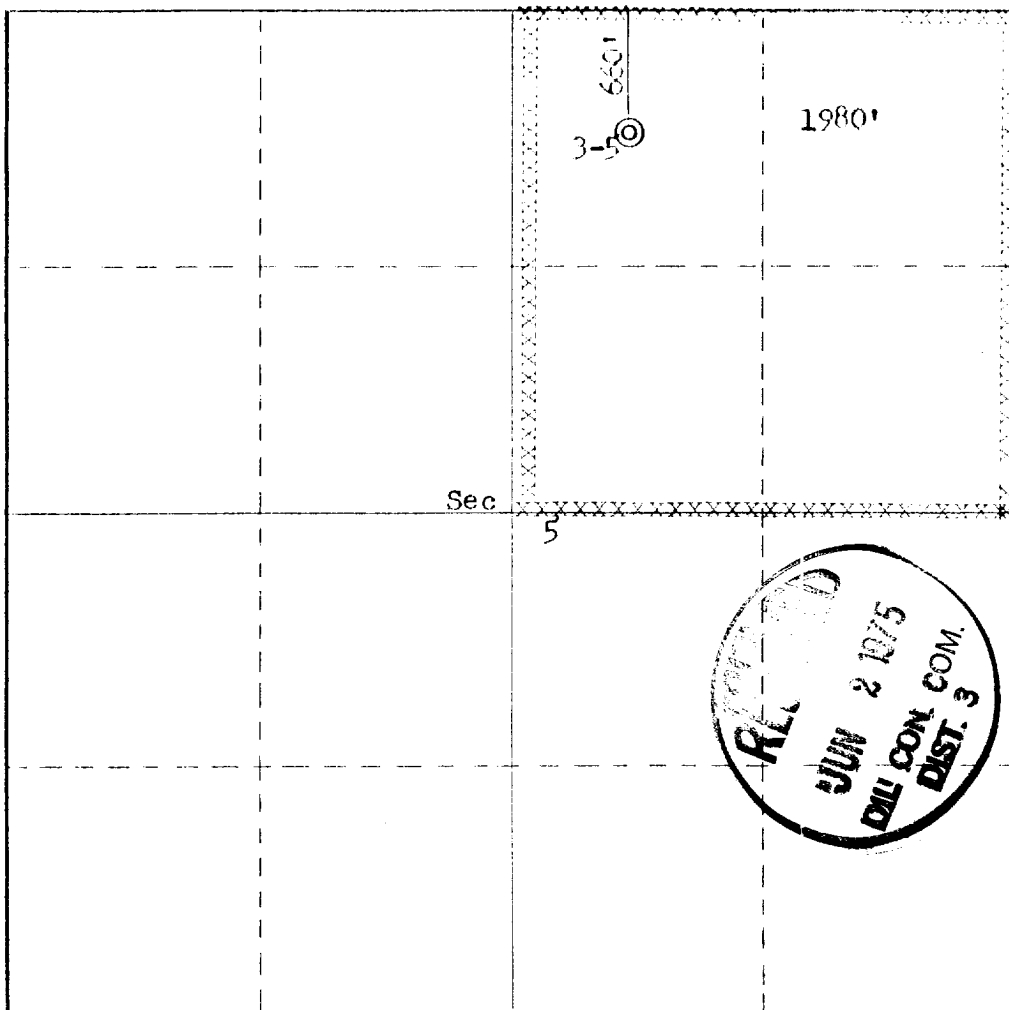
Operator Ashland Oil Company Inc.			Lease Navajo 5		Well No. 3-5
Section B	Township 5	Range 26N	County 19W	San Juan	
Location of Well: 660 feet from the North line and 1980 feet from the East line. Land Survey Flow: 5893 Forming Formation: Mississippian Pool: Wildcat confirmation Section Acreage: 160 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.) _____

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. Lauth
Geological Consultant
Ashland Oil Co. Inc.

May 28 1975

Robert E. Lauth

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.

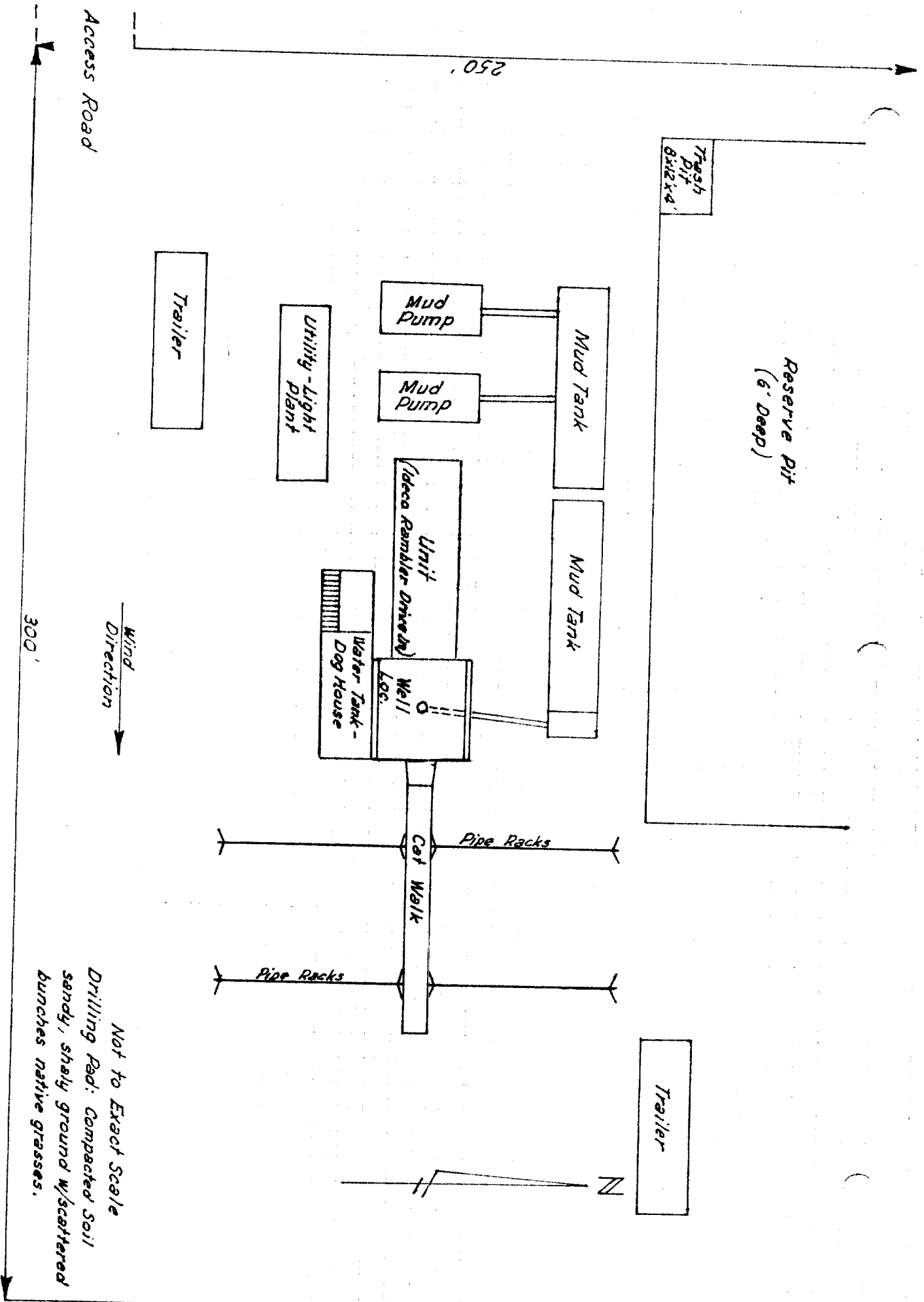
Date Surveyed:
May 28, 1975

Registered Professional Landman
and/or Land Surveyor

Fred B. Kerr Jr.
Fred B. Kerr Jr.

3950

640 660 90 1320 1640 1980 2440 2640 2000 1500 1000 500 0



RIG LAYOUT PLAN

ASHLAND OIL CO., INC. NO. 3-5 NAVALIO
NWNE 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

RECEIVED

MAY 29 1975

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

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 Company, Inc. No 3-5 Navajo
NWNE 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 Brothers Drilling Co. Rig No. 12. Water will be hauled 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 prior to drilling cement from shoe joint.)

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 N.Mex. has given verbal clearance on this location.

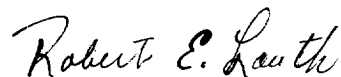
Archaeological clearance has been requested: Mr Lee Correll of Window Rock, Arizona will meet me tomorrow morning for surface inspection.

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, Mineral Department so they can determine surface damages, copies to the Oil and Gas Conservation Commission of New Mexico, U.S. Geological Survey in Roswell, New Mexico and the Operator Ashland Oil Company Inc. Suite 1902 Lincoln Center Bldg. Denver, Colorado 80203.

Thank you

Very Truly Yours,



Robert E. Lauth

Certified Professional Geologist

Rel: tf