

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
Aztec Oil & Gas Company

3. ADDRESS OF OPERATOR
P.O. Box 837, Hobbs, New Mexico 88240

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

660' FNL & 660' FEL, Sec 18-T18s-R33e

At proposed prod. zone

Delaware Sand

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

10 miles southeast Maljamar, New Mexico

10. DISTANCE FROM NEAREST LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 660' FNL

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1320'

16. NO. OF ACRES IN LEASE

640 648.60

19. PROPOSED DEPTH

5100'

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

3855.8 Ground Level

22. APPROX. DATE WORK WILL START*

12-10-76

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11 1/4	8 5/8	24#	320'	Sufficient to circulate
7 7/8	5 1/2	14#	5100'	Sufficient to fill to base salt Use D/V tool at 1450' to circulate to surface.

1. Condition hole and mud up at 4500'. Drill with brine water to protect hole in salt section.
2. Run electric logs at total depth.
3. No abnormal pressures, temperatures, or hydrogen sulfide gas are anticipated.
4. Anticipated starting date: 12-10-76. Operations should require 3 to 4 weeks.
5. See attachment for pressure rating and hook-up for blow-out preventer to be used.
6. Surface formation: Quaternary.

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 Leslie Duff TITLE Production Manager DATE December 7, 1976

(This space for Federal or State office use)

PERMIT NO. 3-21-77 APPROVAL DATE DEC 21 1976

APPROVED BY Bernard Moroz TITLE Acting District Engineer
CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED
DATE DEC 21 1976
Bernard Moroz
ACTING DISTRICT ENGINEER

*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.

9 GPO 782-931

7. Expect to enter oil producing zone at 5000' (Delaware Sand)

8. Estimated tops of important geologic markers.

Rustler 1385'
Top Salt 1497'
Base Salt 2700'
Queen 4190'
San Andres 4848'

9. Total depth of drilling - 5100'

RECEIVED
DEC 22 1976
OIL CONSERVATION COMM.
HOBBBS. N. M.

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

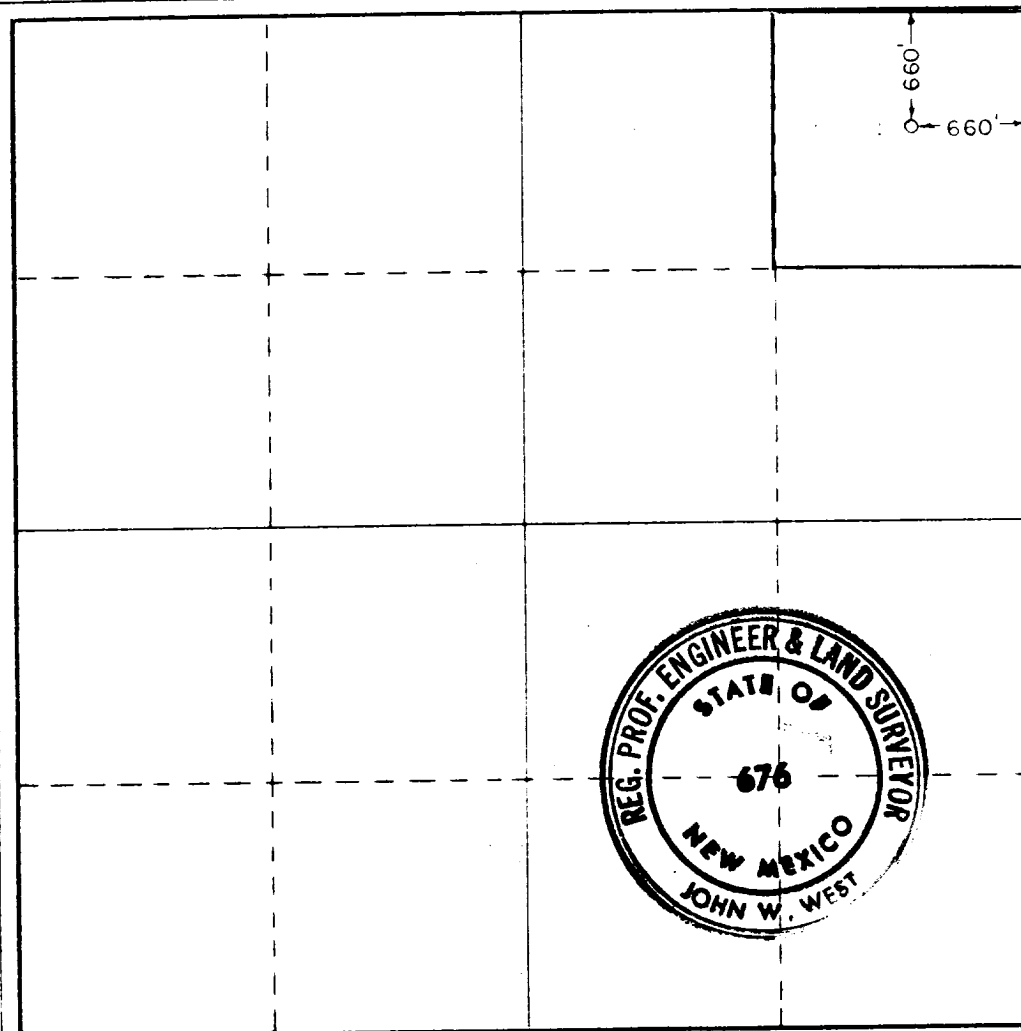
Operator AZTEC OIL & GAS COMPANY			Lease West Corbin		Well No. 3
Unit Letter A	Section 18	Township 18 South	Range 33 East	County Lea	
Actual Footage Location of Well: 660 feet from the north line and 660 feet from the east line					
Ground Level Elev. 3855.8	Producing Formation Delaware	Pool WEST CORBIN	Dedicated Acreage: 40 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.



CERTIFICATION

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

Name *Guy D. Wilson*
 Position **District Clerk**
 Company **Aztec Oil & Gas Co.**
 Date **December 6, 1976**

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 **December 4, 1976**
 Registered Professional Engineer and/or Land Surveyor

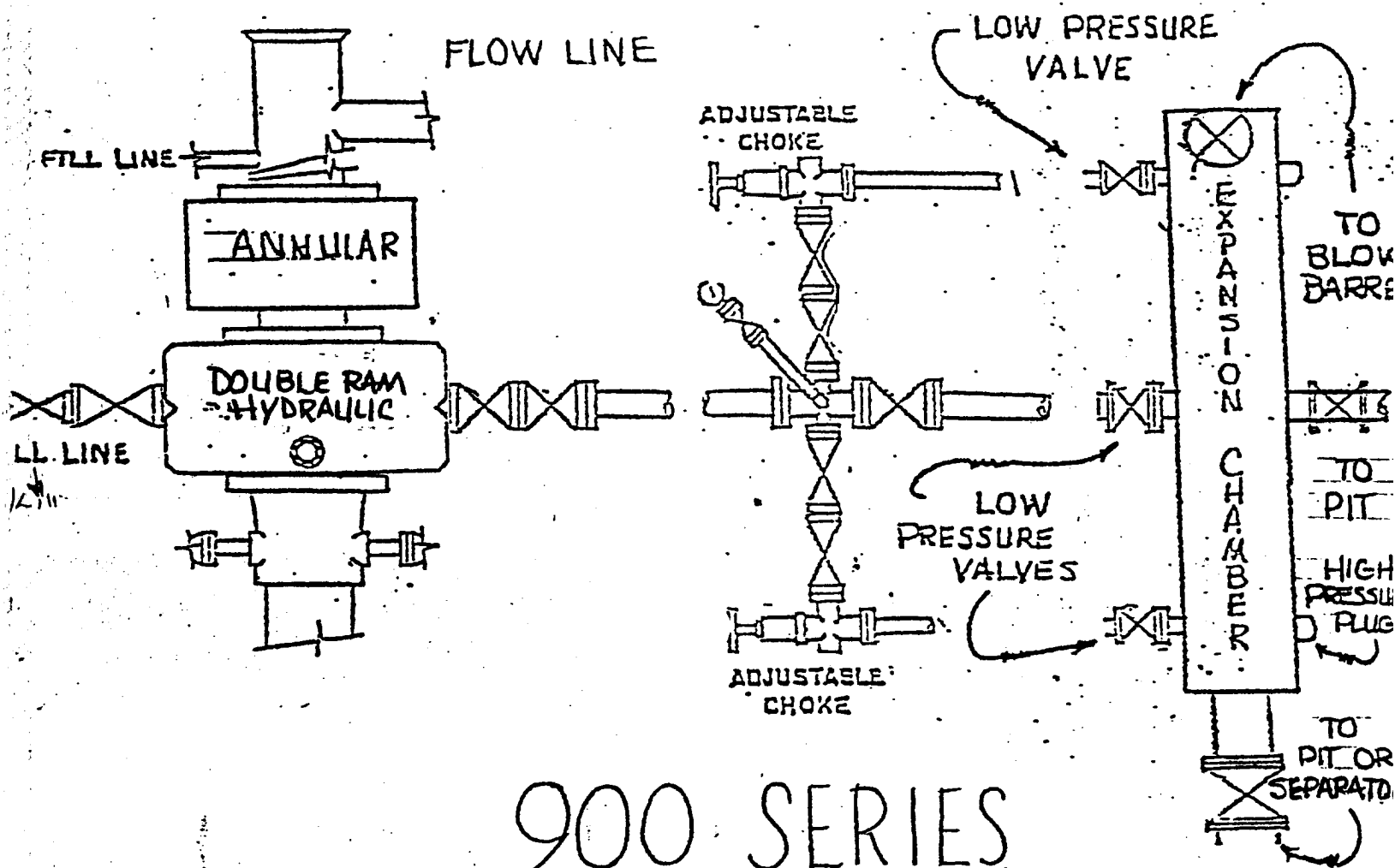
John W. West
 Certificate No. **676**

0 330 660 990 1320 1650 1980 2310 2640 2000 1600 1000 600 0

RECEIVED

DEC 28 1976

OIL CONSERVATION COMM.
HOBBS, N. M.



900 SERIES

3000# PRESSURE RATING

MORANCO RIGS 5-6-9

RECEIVED

FEB 26 1976

OIL CONSERVATION COMM.
HOBBS, N. M.

10. Proposed Casing:

320'	8 5/8"	24# k-55	Used
5100'	5 1/2"	14# J-55	New

11. Expect to encounter oil, gas and water 5000' (Delaware Sand).
12. Salt water based mud will be used. Weight will be held at 9#, water loss - 10cc. Viscosity will be kept at 36. Mud up at 4600'.
13. No high pressure zones in this area at these depths (to 5100'). Low pressure oil well. As a result, no auxiliary equipment will be needed.
14. See attachment.

RECEIVED

FEB 22 1976

OIL CONSERVATION COMM.
HOBBS, N. M.