

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
Astec Oil & Gas Company

3. ADDRESS OF OPERATOR
Box 837, Hobbs, NM

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
2080' FWL & 860' FEL Sec 18-18a-33e, Lea County, NM
At proposed prod. zone
Queen

5. LEASE DESIGNATION AND SERIAL NO.
NM-93

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
West Corbin

9. WELL NO.
No. 2

10. FIELD AND POOL, OR WILDCAT
Indefinite WC

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 18-18a-33e

12. COUNTY OR PARISH
Lea

13. STATE
NM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
10 miles Southeast Maljamar, NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
860'

16. NO. OF ACRES IN LEASE
640

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
200'

19. PROPOSED DEPTH
5200'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3855.5 Gr.

22. APPROX. DATE WORK WILL START*
7-10-76

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 $\frac{1}{2}$	310'	Sufficient to circulate
7 7/8	5 1/2"	14 $\frac{1}{2}$	5200'	Sufficient to fill to base salt

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

1. It proposed to set 5 $\frac{1}{2}$ " casing to top San Andres and test San Andres, Grayburg, and Queen.
2. See Attachments.
3. Condition hole and mud up at 4000'.
4. Run electric logs at total depth.

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. original signed by
SIGNED **LESTER L. DUKE** TITLE **Production Manager** DATE **6-24-76**

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED
JUL 7 1976
ARTHUR R. BROWN
DISTRICT ENGINEER

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 17 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.

☆ U.S. GOVERNMENT PRINTING OFFICE : 1963-O-711-396

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U.S. CONSERVATION COMM.
FEDERAL B. 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

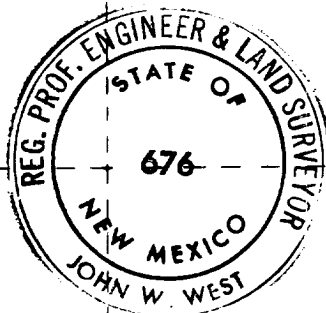
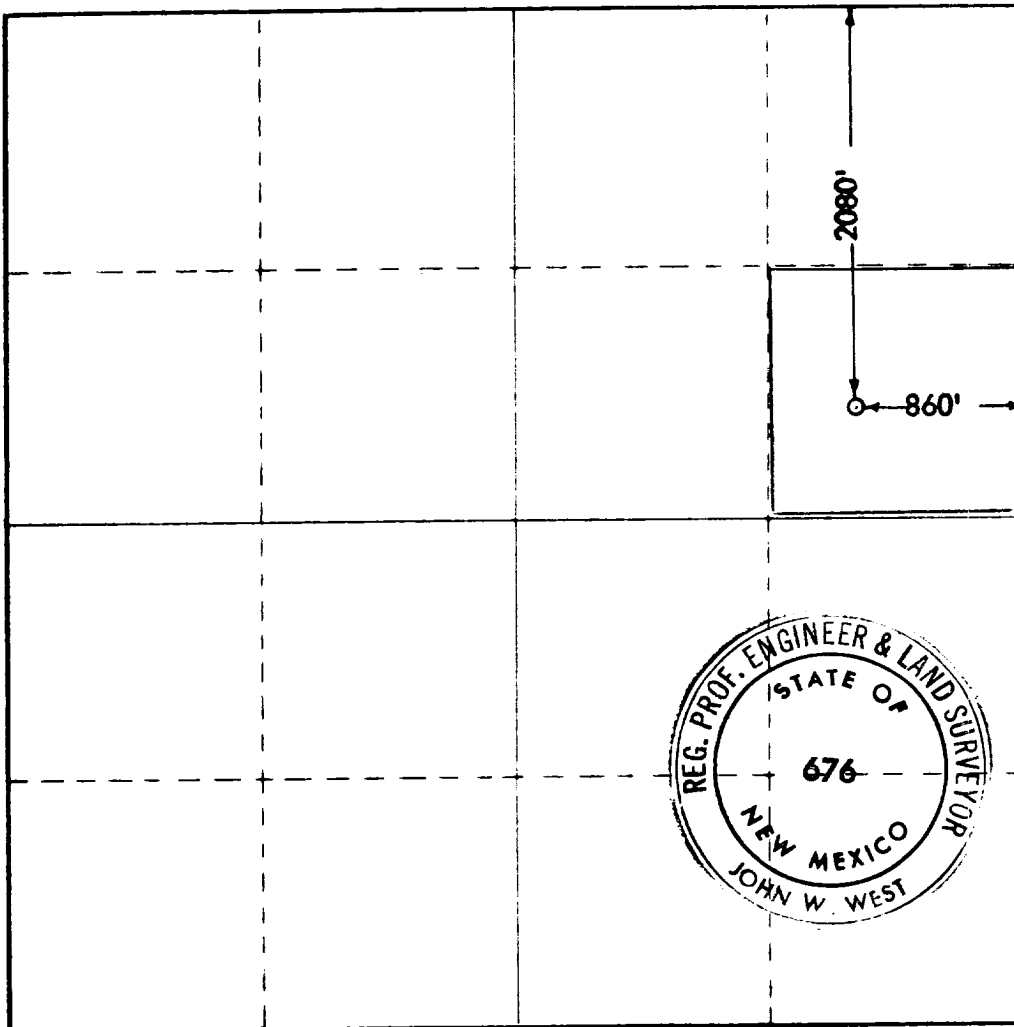
Operator AZTEC OIL & GAS COMPANY			Lease West Corbin		Well No. 2
Unit Letter H	Section 18	Township 18 South	Range 33 East	County Lea	
Actual Footage Location of Well: 2080 feet from the North line and 860 feet from the East line					
Ground Level Elev. 3855.5	Producing Formation SAN AND.		Pool Undesignated WC	Dedicated Acreage no	

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.

**original signed by
LESTER L. DUKE**

Name
Lester Duke

Position
Production Manager

Company
Aztec Oil & Gas Company

Date
6-15-76

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
June 14, 1976

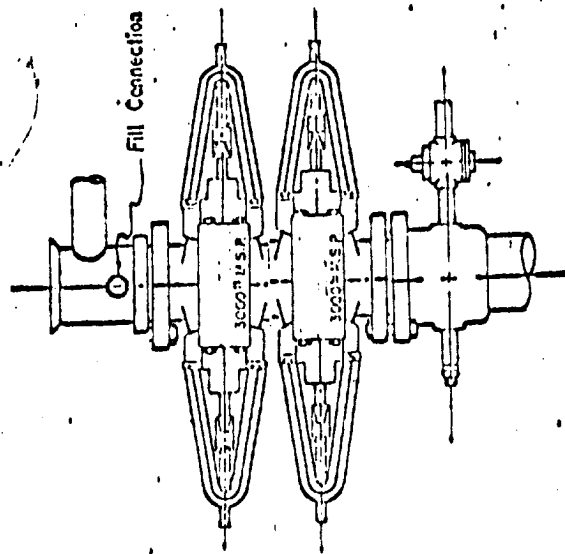
Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No.

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Shaffer Type E Series 900
Hydraulic B.C.P.



3,000 PSI WORKING PRESSURE
BLOWOUT PREVENTER HOOK-UP

Series 900 Flanges, or Better

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CONSERVATION COMM.
WOODS, H. M.

U. S. GEOLOGICAL SURVEY
P.O. Box 1157
Hobbs, New Mexico 88240

HOBBES DISTRICT

Aztec Oil & Gas Co.
No. 2 West Corbin
SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 18-18S-33E
Lea County, N. M.

Above Data Required on Well Sign

CONDITIONS OF APPROVAL

1. Drilling operations authorized are subject to the attached sheet for general requirements for drilling and producing operations.
2. Notify this office (telephone (505) 393-3612) when the well is spudded and in sufficient time for a representative to witness cementing operations.
3. Immediate notice is required of all blowouts, fires, spills, and accidents involving life-threatening injuries or loss of life.
4. Secure prior approval before changing the approved drilling program or commencing plugging operations, plug-back work, casing repair work, or corrective cementing operations.
5. Blowout prevention equipment is to be installed, tested, and in working order before drilling below the surface casing and shall be maintained ready for use until drilling operations are completed.
6. A kill-line is to be properly installed and is not to be used as a fill-up line.
7. Blowout preventers are to have proper casing rams when running casing.
8. Drill string safety valve(s) to fit all pipe in the drill string to be maintained on the rig floor while drilling operations are in progress.
9. Blowout prevention drills are to be conducted as necessary to assure that equipment is operational and that each crew is properly trained to carry out emergency duties. All BOP tests and drills are to be recorded on the driller's log.
10. Minimum required fill of cement behind the 5 $\frac{1}{2}$ " casing is to the base of the salt section.
11. Operations must be in compliance with the attached Bureau of Land Management Stipulations.
12. 8-5/8" surface casing should be set in the Rustler Anhydrite formation and cement circulated to the surface. If surface casing is set at a lesser depth, the 5 $\frac{1}{2}$ " casing must be cemented from the casing shoe to the surface, or cemented to the surface through a stage tool set a least 50 feet below the top of the Rustler, after cementing around the shoe with the required amount of cement.

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CU CONSERVATION COMM.
HOEBS, N. M.