

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-25141

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 ☐

2. NAME OF OPERATOR

Bixco, Inc.

3. ADDRESS OF OPERATOR

P.O. Box 255, Farmington, NM 87401

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

At surface

1450 ft. FSL & 1140 ft. FEL

At proposed prod. zone

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

18 miles northwest of Navajo Lake State Park

15. DISTANCE FROM PROPOSED*

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

18. DISTANCE FROM PROPOSED LOCATION*

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

only well

16. NO. OF ACRES IN LEASE

200 ac.

19. PROPOSED DEPTH

5950 ft.

17. NO. OF ACRES ASSIGNED

TO THIS WELL

320 ac.

20. ROTARY OR CABLE TOOLS

Rotary

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

6357 ft. Gr., 6370 ft. est. KB.

22. APPROX. DATE WORK WILL START*

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 3/4"	9 5/8"	36#	250'	200 sacks.
8 1/4"	7"	20#	3550'	200 sacks
6 3/4"	4 1/2" liner	10.5#	3400-5950'	300 sacks

Operator proposes to drill a 5950 ft. well to test the Mesaverde Formation with the hole and casing program planned as above. The well will be drilled to intermediate casing depth of 3550' with drilling mud of appropriate weight and viscosity to control any gas entry. No abnormal pressures or temperatures are anticipated. Pressure control equipment used will consist of a double-ram 10", 900 series (3,000 psi W.P.) blowout preventor tested to 2000 psi before drilling from under surface pipe. Air will be used as the circulating medium while drilling from under intermediate casing to total depth. An E.S.-Induction, Formation Density and Neutron Density log with caliper will be run at 3550 ft. and a dual induction laterolog, density gamma and sidewall neutron porosity log will be run at T.D. Estimated formation tops: Ojo Alamo Ss.-2490', Kirtland Sh.-2690', Fruitland Fm.-2950', Pictured Cliffs Ss.-3275', Lewis Sh.-3450', Mesaverde Fm.-4960', Menefee Fm.-5390', Point Lookout Ss.-5660', Mancos Sh.-5900'.

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

William R. Speer

TITLE

Agent

DATE July 3, 1981

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED
DATE

JUL 24 1981

JAMES F. SIMS
DISTRICT ENGINEER

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

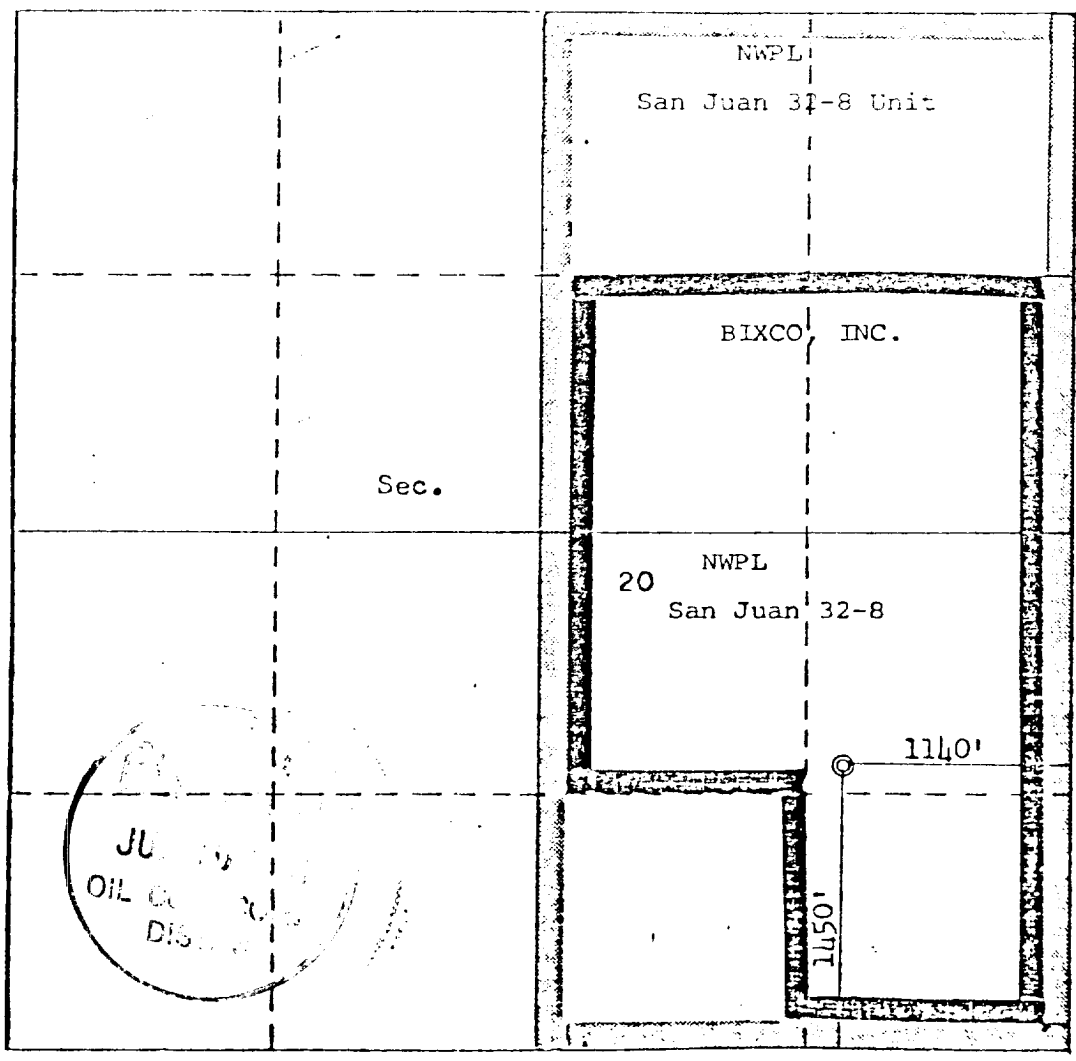
Operator BIXCO, INCORPORATED			Lease RATTLESNAKE CANYON		Well No. 1
Unit Letter I	Section 20	Township 32N	Range 8W	County San Juan	
Actual Footage Location of Well: 11450 feet from the South line and 11140 feet from the East line					
Ground Level Elev. 6357	Producing Formation Mesa Verde		Pool Blanco		Dedicated Acreage: 320 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.) Northwest Pipeline Corp.

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.

William R. Speer
Name

William R. Speer

Position
Agent

Company
Bixco, Inc.

Date
July 3, 1981

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 24, 1979
Registered Professional Engineer and/or Land Surveyor
Fred B. Kerr Jr.
Fred B. Kerr Jr.
Certificate No. 11141, 11142, 11143, 11144, 11145, 11146, 11147, 11148, 11149, 11150, 11151, 11152, 11153, 11154, 11155, 11156, 11157, 11158, 11159, 11160, 11161, 11162, 11163, 11164, 11165, 11166, 11167, 11168, 11169, 11170, 11171, 11172, 11173, 11174, 11175, 11176, 11177, 11178, 11179, 11180, 11181, 11182, 11183, 11184, 11185, 11186, 11187, 11188, 11189, 11190, 11191, 11192, 11193, 11194, 11195, 11196, 11197, 11198, 11199, 11200, 11201, 11202, 11203, 11204, 11205, 11206, 11207, 11208, 11209, 11210, 11211, 11212, 11213, 11214, 11215, 11216, 11217, 11218, 11219, 11220, 11221, 11222, 11223, 11224, 11225, 11226, 11227, 11228, 11229, 11230, 11231, 11232, 11233, 11234, 11235, 11236, 11237, 11238, 11239, 11240, 11241, 11242, 11243, 11244, 11245, 11246, 11247, 11248, 11249, 11250, 11251, 11252, 11253, 11254, 11255, 11256, 11257, 11258, 11259, 11260, 11261, 11262, 11263, 11264, 11265, 11266, 11267, 11268, 11269, 11270, 11271, 11272, 11273, 11274, 11275, 11276, 11277, 11278, 11279, 11280, 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