

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

Bruce Anderson

3. ADDRESS OF OPERATOR

Box 208, Farmington, NM 87401

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

At surface

1780' FSL - 1100' FEL

At proposed prod. zone

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

10 miles NW of Farmington, NM

15. DISTANCE FROM PROPOSED*

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

1100'

18. DISTANCE FROM PROPOSED LOCATION*

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

310'

16. NO. OF ACRES IN LEASE

1487.06

19. PROPOSED DEPTH

1670'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

153.92

20. ROTARY OR CABLE TOOLS

Rotary

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

5649' GL

22. APPROX. DATE WORK WILL START*

ASAP

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
7-7/8"	7"	20#	90'	35 sx CIRC
4-3/4"	2-7/8"	6.4#	1670'	160 sx CIRC

Plan to drill 4-3/4" hole to test the Pictured Cliffs Formation. Plan to run IES log to TD. If productive, plan to set 2-7/8" tbg for csg, cement, selectively perforate, frac, clean out after frac, run 1-1/4" tbg and complete well.

Plan to use 3000 psi BOP per attached schematic diagram. Will use master valve and stripper head while completing well.

NMERB: Gas Dedicated



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

Thomas A. Morgan

TITLE

Agent

DATE

6-10-80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

APPROVED
AS AMENDEDJUL 16 1980
James F. Sims
DISTRICT ENGINEER

NMOC

**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.

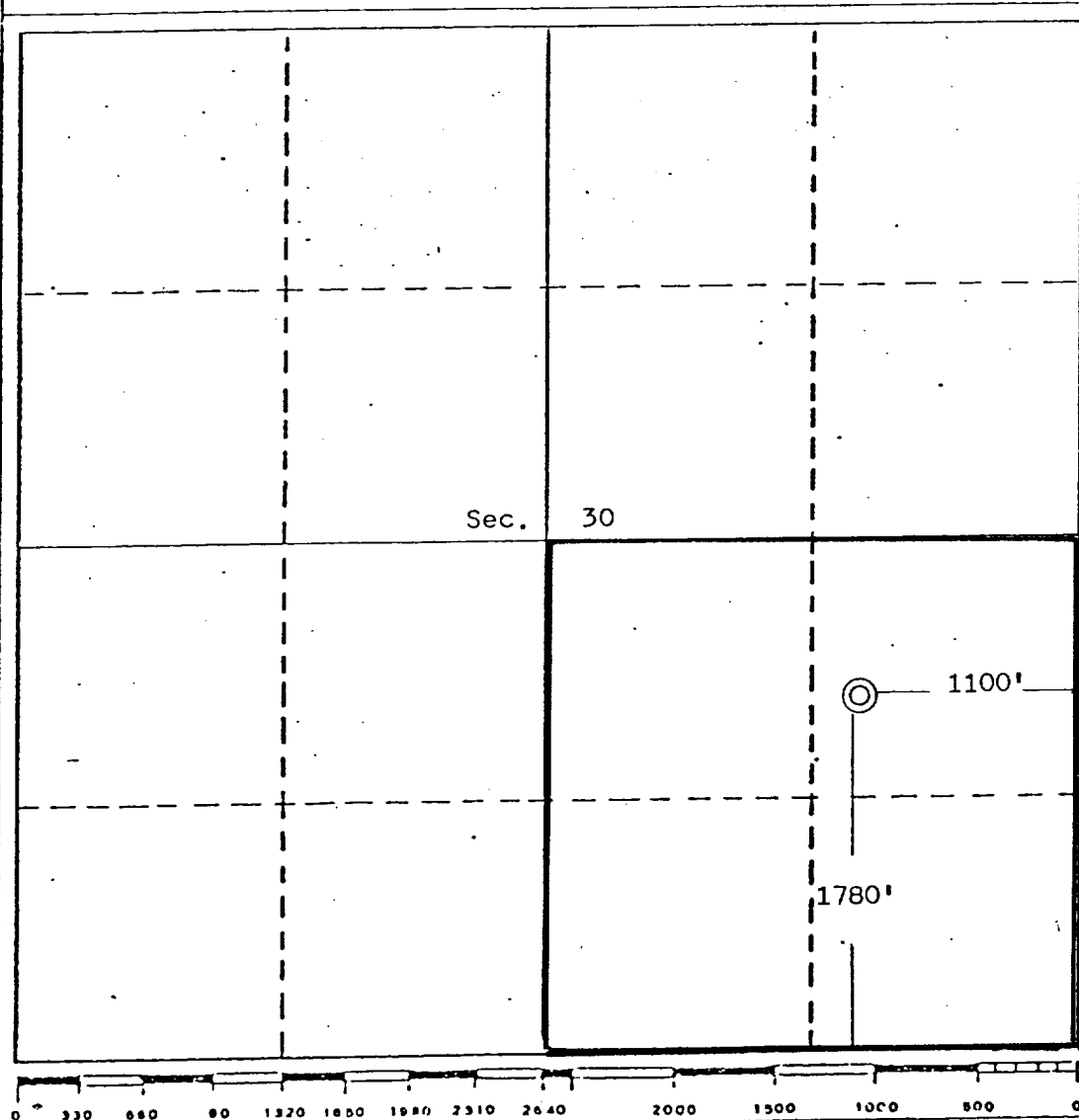
Operator Bruce Anderson			Lease Federal		Well No. #5
Unit Letter I	Section 30	Township 31 North	Range 13 West	County San Juan	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 1780 feet from the South line and 1100 feet from the East line </div>					
Ground Level Elev. 5649	Producing Formation Pictured Cliffs	Pool Wildcat		Dedicated Acreage: 153.92 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 Thomas A. Dugan
 Position Agent
 Company Bruce Anderson
 Date 6-11-80

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 31, 1980
 Registered Professional Engineer and/or Land Surveyor
Edgar L. Risenhoover
 Certificate No. 5979
 Edgar L. Risenhoover, L.S.