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NEW MEXICO OIL CONSERVATION COMMISSION

**RECEIVED**  
JUL 25 1983

Form C-101  
Revision 1-1-81  
30-039-23259

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		8. Farm or Lease Name Rucker Lake	
2. Name of Operator Northwest Pipeline Corporation		9. Well No. #1	
3. Address of Operator P.O. Box 90, Farmington, N.M. 87499		10. Field and Pool, or <del>Gallup</del> <sup>Gallup</sup> Basin Dakota/Gallup Ext	
4. Location of Well UNIT LETTER <u>G</u> LOCATED <u>1990</u> FEET FROM THE <u>North</u> LINE AND <u>1820</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>23</u> TWP. <u>25N</u> RGE. <u>2W</u> MPM		12. County Rio Arriba	
13. Proposed Depth 8100		19A. Formation Dakota/Gallup	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 7306' GR	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor Unknown	
22. Approx. Date Work will start August 1983			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
13-3/4"	9-5/8"	36#	500'	490 cu.ft	Surface
8-3/4"	5-1/2"	15.5# & 17.0#	8100'	2950 cu.ft (2 stage)	3050'

Selectively perforate and stimulate the Dakota and Gallup Formation. Completion plans will be determined at Total Depth.

A BOP will be installed after the surface casing is set and cemented. All subsequent work will be conducted through the BOP's.

The North half of Section 23 is dedicated to the Dakota zone and the SW/4 of the NE/4 is dedicated to the Gallup formation.

If this well does indeed turn out to be a gas well we will apply for a Non-Standard Location due to Archaeology & Topography.

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Paul C. Thompson Title Sr. Drilling Engineer Date 7-22-83  
Paul C. Thompson  
(This space for State Use)

APPROVED BY Paul C. Thompson TITLE  DATE

CONDITIONS OF APPROVAL, IF ANY:

Hold Dakota CTR for subseq designation to oil well  
PCT:djb

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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

Form C-107  
Revised 10-1-77

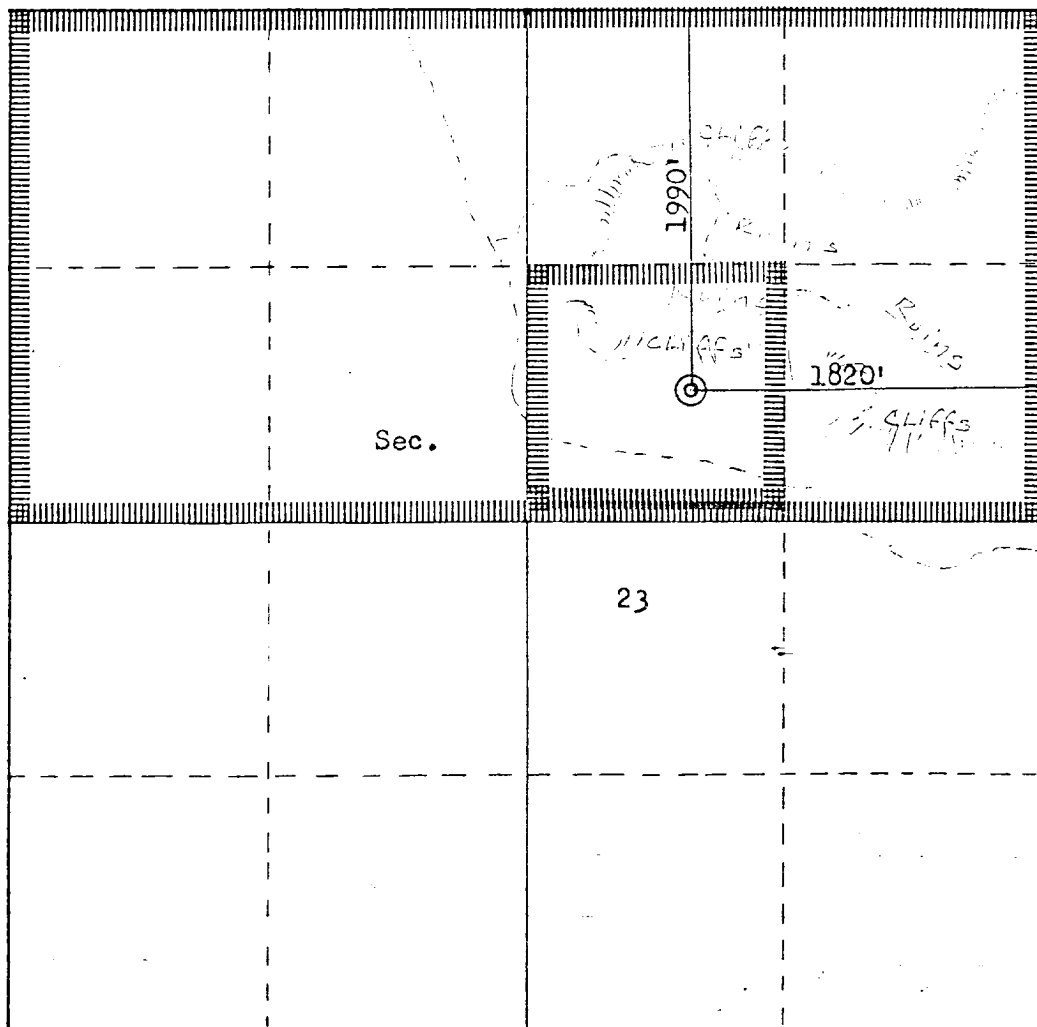
Operator <b>NORTHWEST PIPELINE CORPORATION</b>			Lease <b>RUCKER LAKE</b>		Well No. <b>1</b>
Unit Letter <b>G</b>	Section <b>23</b>	Township <b>25N</b>	Range <b>2W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: 1990 feet from the North line and 1820 feet from the East line					
Ground Level Elev. <b>7305</b>	Producing Formation <b>Dakota - Gallup</b>		Pool <b>Basin Dakota/Gavilan Gallup Ext</b>		Dedicated Acreage: <b>320 DK/40 Gal Acres</b>

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 Communitization

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.



Scale: 1"=1000'

CERTIFICATION

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

*Paul C. Thompson*

Name

Paul C. Thompson

Position

Sr. Drilling Engineer

Company

Northwest Pipeline Corp.

Date

July 22, 1983

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.

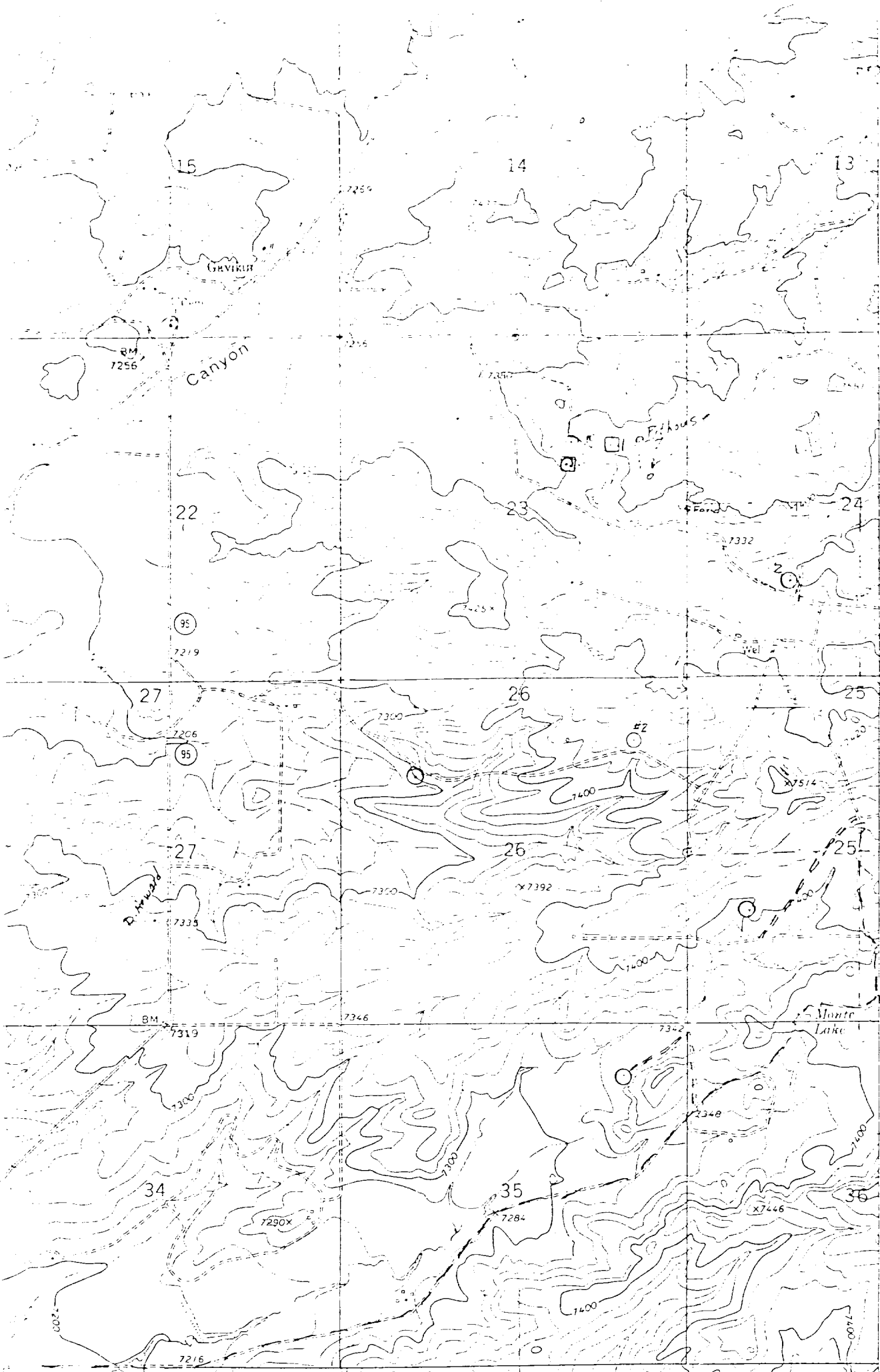
Date Surveyed

July 20, 1983

Registered Professional Engineer and Land Surveyor

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

Certificate No. 10000



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FEET

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