

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 7088
SANTA FE, NEW MEXICO 87504

OCT 23 1987

OIL CON. DIV.

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U.S.G.S.	
LAND OFFICE	
OPERATOR	

APPROVAL EXPIRES 4-22-88
UNLESS DRILLING IS COMMENCED
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.
E-9055-15

APPLICATION FOR PERMIT TO DIST. 3 DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name THIRLAWAY
2. Name of Operator T. H. McELVAIN OIL & GAS PROPERTIES		9. Well No. #1
3. Address of Operator Post Office Box 2148, Santa Fe, New Mexico 87504-2148		10. Field and Pool, or Wildcat Escrito Gallup
4. Location of Well UNIT LETTER G LOCATED 1585 FEET FROM THE North LINE AND 1925 FEET FROM THE East LINE OF SEC. 36 TWP. 24N RGE. 7W * NMPM		12. County Rio Arriba
19. Proposed Depth 5700'		19A. Formation Gallup
20. Rotary or C.T. Rotary		
21. Elevations (show whether DF, R1, etc.) 6710 GL	21A. Kind & Status Plug. Bond One well	21B. Drilling Contractor Four Corners Drilling
22. Approx. Date Work will start October 25, 1987		

23. * See Administrative Order
NSL-2418 attached.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8-5/8"	24#	260	250sks (295ft ³)	Circ.
7-7/8"	4 1/2"	10.5#	5700±	800sks (1550ft ³)	Surface

- Propose to drill 12 1/4" hole to approximately 260' using natural mud as a circ medium. Run new 8-5/8" 24# J-55 casing to TD & cement with approx. 250 sks Class B + 2% CaCl circulated to the surface.
- BOP to be installed after surface casing is cemented. Prior to drilling out of surface casing, BOP and casing to be tested to OCD specifications. All subsequent work to be conducted through BOP.
- Drill 7-7/8" hole to TD of approx 5700' using a low solid, nondispersed mud as a circulating medium.
- Run Dual Induction SFL Log & Compensated Neutron Formation Density Log prior to running 4 1/2", 10.5#, J-55 casing to TD with a DV tool at approx. 2300'.
- Cement 4 1/2" casing to surface in two stages as follows: 1st stage--10bbbls mud flush followed by 450sks (625ft³) 50-50 pozmix + 2% gel & 6 1/2lbs gilsonite & 6lbs salt per sack; 2nd stage--through stage collar at approx 2300' w/ 10bbbls mud flush followed by 300 sks (802ft³) 65-35 pozmix + 12% gel & 6 1/2lbs gilsonite per sack, tail in w/ 50 sks (59ft³) Class "B" neat.
- Drill out DV tool & pressure test casing.
- Perforate and fracture Gallup zones. Clean well up. Run new 2-3/8" EUE, 4.7#, J-55 tubing & test well.

The gas from this well is not 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. 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 George B. Broome Title Geological Engineer Date October 20, 1987

(This space for State Use)

APPROVED BY Ernie Bush TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE OCT 23 1987

CONDITIONS OF APPROVAL, IF ANY:

NSL # 2418

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

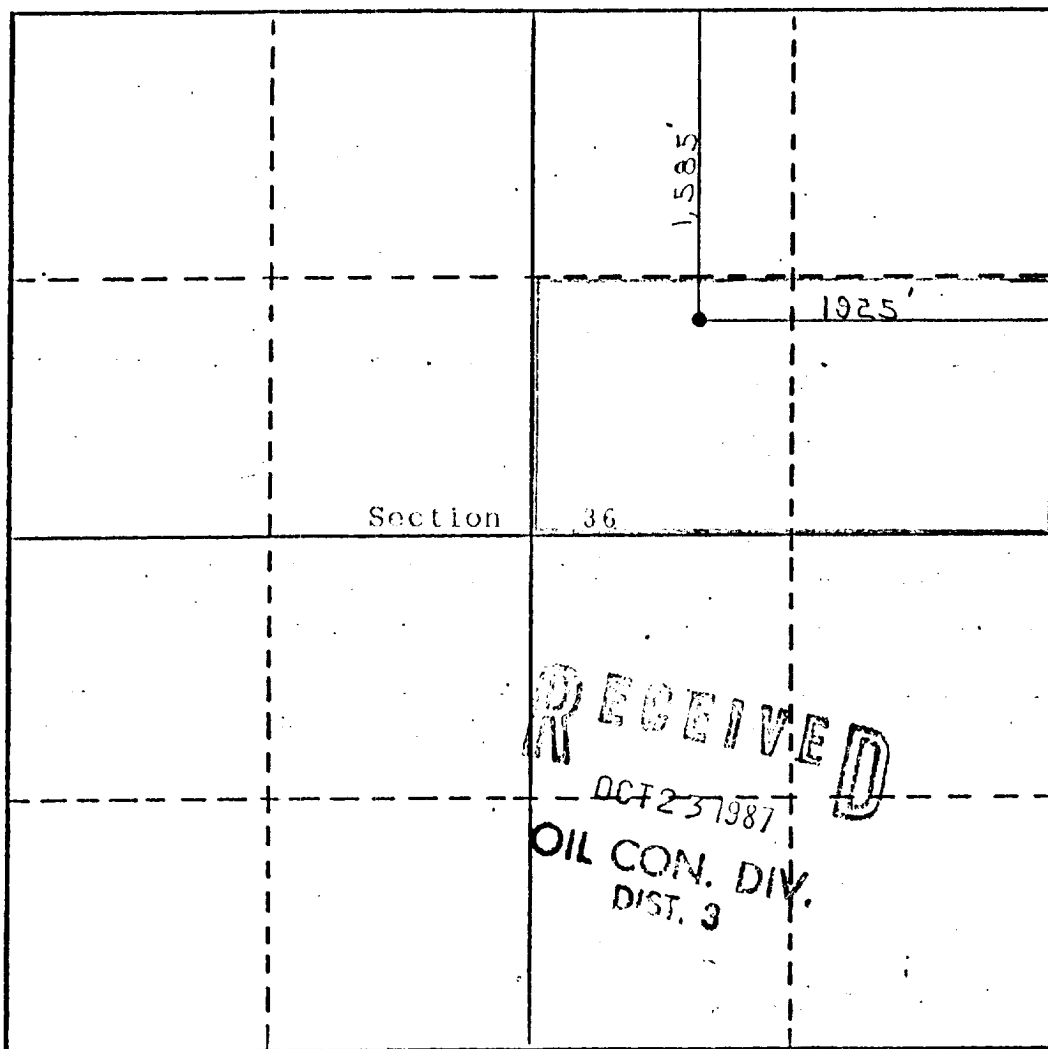
Operator T.H. McElvain Oil & Gas Prop.		Lease Thirlaway		Well No. #1
Unit Letter G	Section 36	Township T24N	Range R7W	County RIO ARRIBA
Actual Footage Location of Well:				
1585	feet from the North	line and	1925	feet from the East
Ground Level Elev. 6710	Producing Formation Gallup	Pool Escrito Gallup	Dedicated Acreage: 80 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). n/a
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? n/a

☐ 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 Division.



CERTIFICATION

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

Name _____

George B. Broome

Position _____

Geological Engineer

Company _____

T H McElvain Oil & Gas Prop.

Date _____

October 20, 1987

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 _____

September 20, 1987

Registered Professional Engineer and/or Land Surveyor

R. Howard Daggett

Certificate No. _____

LS # 80668

Registered Professional Land Surveyor

RECEIVED
OCT 23 1987
OIL CON. DIV.
DIST. 3