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NEW MEXICO OIL CONSERVATION COMMISSION

30-045-23555
Form C-101
Revised 1-1-65

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 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 type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Mary Ackroyd	
2. Name of Operator Manana Gas, Inc.		9. Well No. 2	
3. Address of Operator P. O. Box 145, Farmington, New Mexico 87401		10. Field and Pool, or Wildcat Aztec Pictured Cliffs	
4. Location of Well UNIT LETTER J LOCATED 1790 FEET FROM THE South LINE AND 1330 FEET FROM THE East LINE OF SEC. 18 TWP. 30N RGE. 11W NMPM		12. County San Juan	
19. Proposed Depth 2000		19A. Formation Pictured Cliffs	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 5551 Gr.	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Ludwig Drilling Co.	
22. Approx. Date Work will start June 28, 1979			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
8 3/4"	7"	20#	140	40	Surface
4 3/4"	2 7/8"	6.4#	2000	300	Surface

This well replaces the Mary Ackroyd # 1, which is being completed in the Farmington Sand. The same drilling rig which was used on the Mary Ackroyd # 1 will be skidded 20 feet South and a new hole will be drilled to the Pictured Cliffs formation in the Mary Ackroyd # 2. The same pits and pad will be used for both wells.

BOP equipment will be operational at all times during the drilling and completion of this well.

The gas is dedicated to El Paso Natural Gas Company.

APPROVAL VALID
FOR 90 DAYS EXPIRES
DRILLING COMMENCED

8-19-79

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 Ed Hartman Title President Date 5/21/79

(This space for State Use)

APPROVED BY Al Bendrick TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 3 DATE MAY 21 1979
CONDITIONS OF APPROVAL, IF ANY:



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

Operator MANANA GAS, INC.		Lease Mary Ackroyd		Well No. 7 2
Unit Letter J	Section 18	Township 30 NORTH	Range 11 WEST	County SAN JUAN

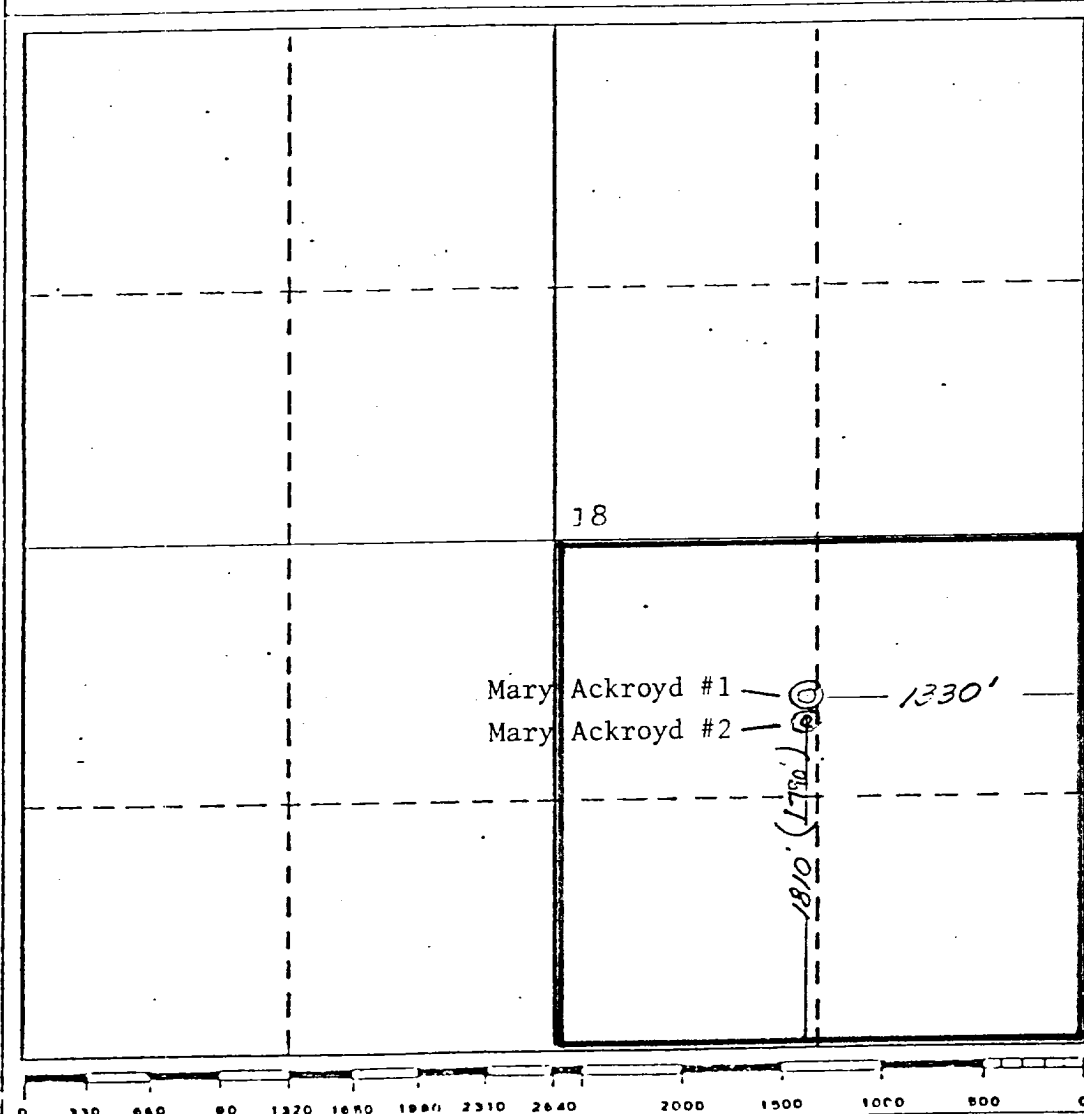
Actual Footage Location of Well:				
1810	feet from the	SOUTH	line and	1330
				feet from the
				EAST
				line
Ground Level Elev. 5660	Producing Formation Pictured Cliffs	Pool Aztec Pictured Cliffs	Dedicated Acreage: 160 Acres	

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 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.



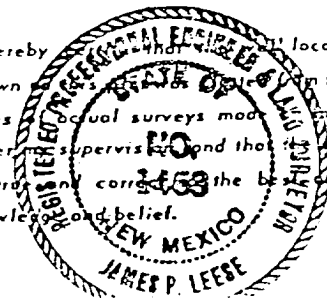
CERTIFICATION

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

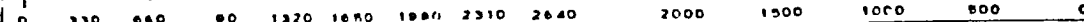
E. A. Hartman

Name
President
Manana Gas, Inc.
Company
May 21, 1979
Date

I hereby certify that the location shown on the plat is the location shown on the field notes and that the same is true and correct to the best of my knowledge and belief.



Date Surveyed
10 February 1979
Registered Professional Engineer
and Land Surveyor
James P. Leese
James P. Leese
Certificate No.
1463



MANANA GAS, INC.

MARY ACKROYD # 1 WELL

Pictured Cliffs Formation

SE/4 Sec. 18-30N-11W

Ownership of Leases Included in Unit

<u>Mineral Owner</u>	<u>Net Acres Owned</u>	<u>Percentage</u>
Glennie D. Ward	76.925	48.078125%
D & RGW Railroad	6.150	3.843750%
Sherman and Wanda Emery	16.215	10.134375%
O. F. Dean and Eva Gertrude Dean	19.231	12.019531%
Martha Dean	19.231	12.019531%
Nathan Goode, Jr. and Sue A. Goode	17.283	10.801875%
Verl Munkres and Joy Munkres	4.590	2.868750%
James R. and Veronica Trujillo Williams	<u>0.375</u>	<u>0.234063%</u>
Totals	<u>160.000</u>	<u>100.000000%</u>