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NEW MEXICO OIL CONSERVATION COMMISSION

30-045-22683
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 checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Annie B
2. Name of Operator Manana Gas, Inc.		9. Well No. 1
3. Address of Operator P.O. Box 80068, Albuquerque, New Mexico 87108		10. Field and Pool, or Wildcat Basin Dakota
4. Location of Well UNIT LETTER N LOCATED 840 FEET FROM THE south LINE AND 1400 FEET FROM THE west LINE OF SEC. 13 TWP. 30N RGE. 12W NMPM		12. County San Juan
19. Proposed Depth 6600		19A. Formation Dakota
20. Rotary or C.T. Rotary		
21. Elevations (Show whether DF, RT, etc.) 5541	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Four Corners
22. Approx. Date Work will start August 15th		

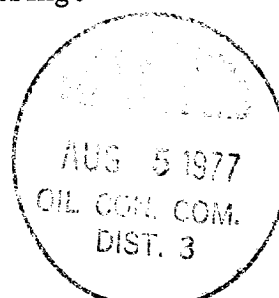
23.

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#	200'	150	Surface
7 7/8"	4 1/2"	10.5#	6600'	750	Surface

Mechanical logs will be run at TD and the Dakota formation will be selectively perforated and fraced. 10" 3000 psi BOP with blind and pipe rams will be operational at all times while drilling. 6" 3000 psi double gate manual BOP will be utilized for completion. DV tools will be set at the base of the Mesaverde and Pictured Cliffs for a 3-stage cement job on the long string.

HBP gas is dedicated to El Paso Natural Gas Co.



11-3-77

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTION ZONE AND PROPOSED NEW PRODUCTION 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 7-19-77
(This space for State Use)

APPROVED BY AR DeLuca TITLE SECRETARY DATE 7-19-77
CONDITIONS OF APPROVAL, IF ANY:

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.

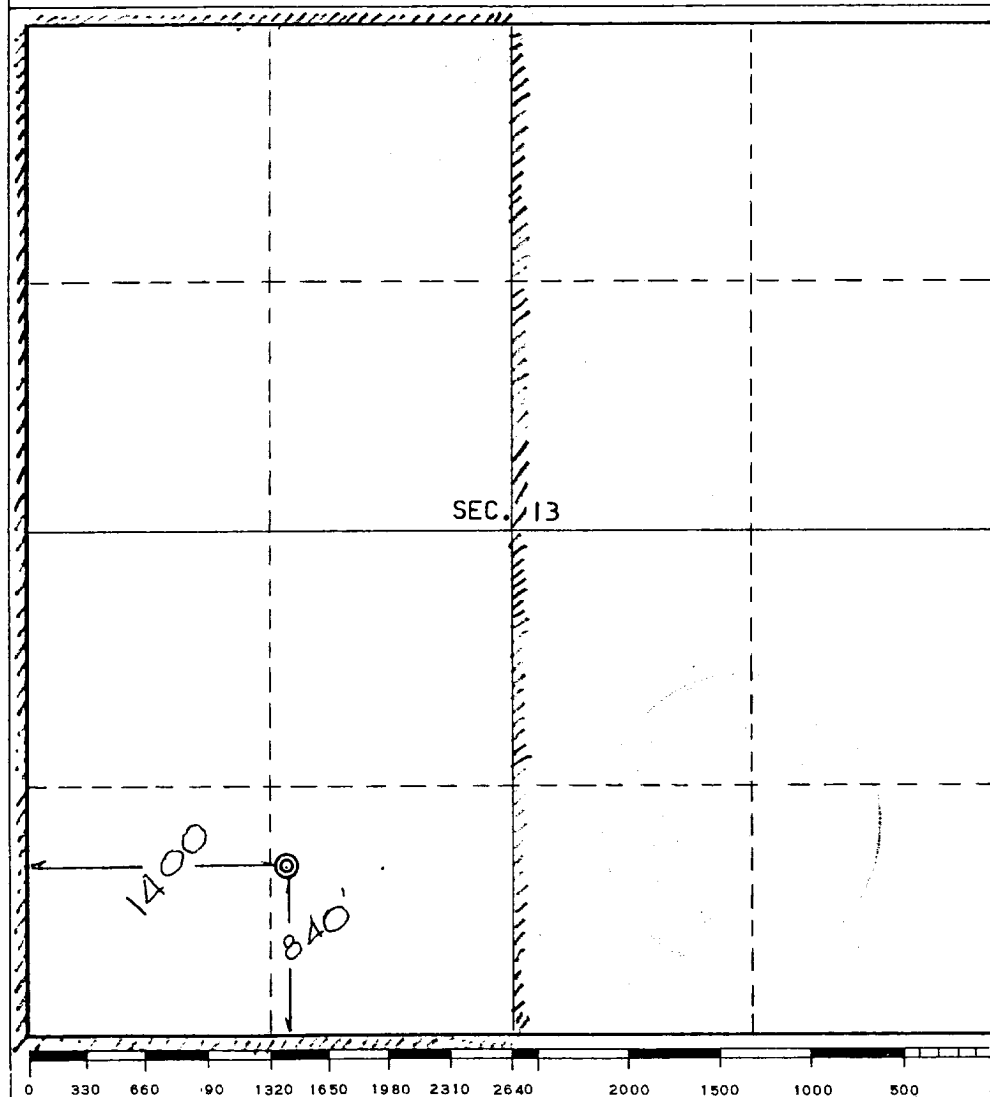
Operator Manana Gas, Inc.		Lease Annie B		Well No. 1
Unit Letter N	Section 13	Township 30 North	Range 12 West	County San Juan
Actual Footage Location of Well: 840. feet from the South line and 1400 feet from the West line				
Ground Level Elev. 5541	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage: 318.96 320 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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.

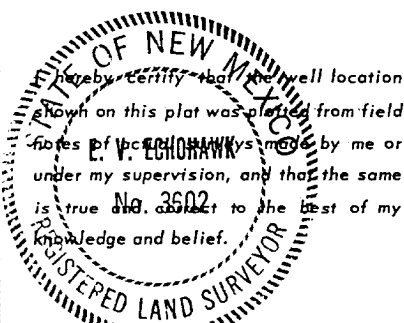
Ed Hartman

Name
Ed Hartman

Position
President

Company
Manana Gas, Inc.

Date
7-19-77



Date Surveyed
June 13, 1977

Registered Professional Engineer
and/or Land Surveyor

E.V. Echoshawk

Certificate No. **3602**
E.V. Echoshawk LS

