

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

30-031-20909

Form C-101  
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
LG-3702-1	

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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>				8. Farm or Lease Name Hogan State	
2. Name of Operator Gila Exploration, Inc.				9. Well No. 3	
3. Address of Operator 839 Paseo de Peralta, Suite J, Santa Fe, New Mexico 87501				10. Field and Pool, or Wildcat Wildcat-Brushy Basin	
4. Location of Well UNIT LETTER <u>D</u> LOCATED <u>990</u> FEET FROM THE <u>north</u> LINE AND <u>850</u> FEET FROM THE <u>west</u> LINE OF SEC. <u>16</u> TWP. <u>18N</u> RGE. <u>12W</u> NMPM				12. County McKinley	
19. Proposed Depth 2500'		19A. Formation Brushy Basin		20. Rotary or C.T. Rotary	
21. Elevations (Show whether DF, RT, etc.) 6459' GL		21A. Kind & Status Plug. Bond Single well, in force		22. Approx. Date Work will start As soon as possible	

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#	41'	30	surf.
7 7/8"	5 1/2"	15.5#	To be determined after drlg.		surf.
			2500'		

Will drill with fresh water mud to  $\pm 42'$  and set surface pipe and cement to surface.  
Will drill 7 7/8" hole to  $\pm 2500'$  to Brushy Basin.  
If non-producing, will plug according to N.M.O.C.D. regulations.  
During operations, adequate B.O.P. equipment will be installed.

APPROVAL EXPIRES 11-12-86  
UNLESS DRILLING IS COMMENCED.  
SPUD NOTICE MUST BE SUBMITTED  
WITHIN 10 DAYS.

**CONFIDENTIAL**

RECEIVED  
MAY 08 1986  
OIL CON. DIV.  
DIST. 3

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 [Signature] Title Engineer Date 5-6-86  
(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY ERNIE BUSCH TITLE GEOLOGIST DISTRICT #3 DATE MAY 12 1986  
CONDITIONS OF APPROVAL, IF ANY:

ABANDONED LOCATION @ 2

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

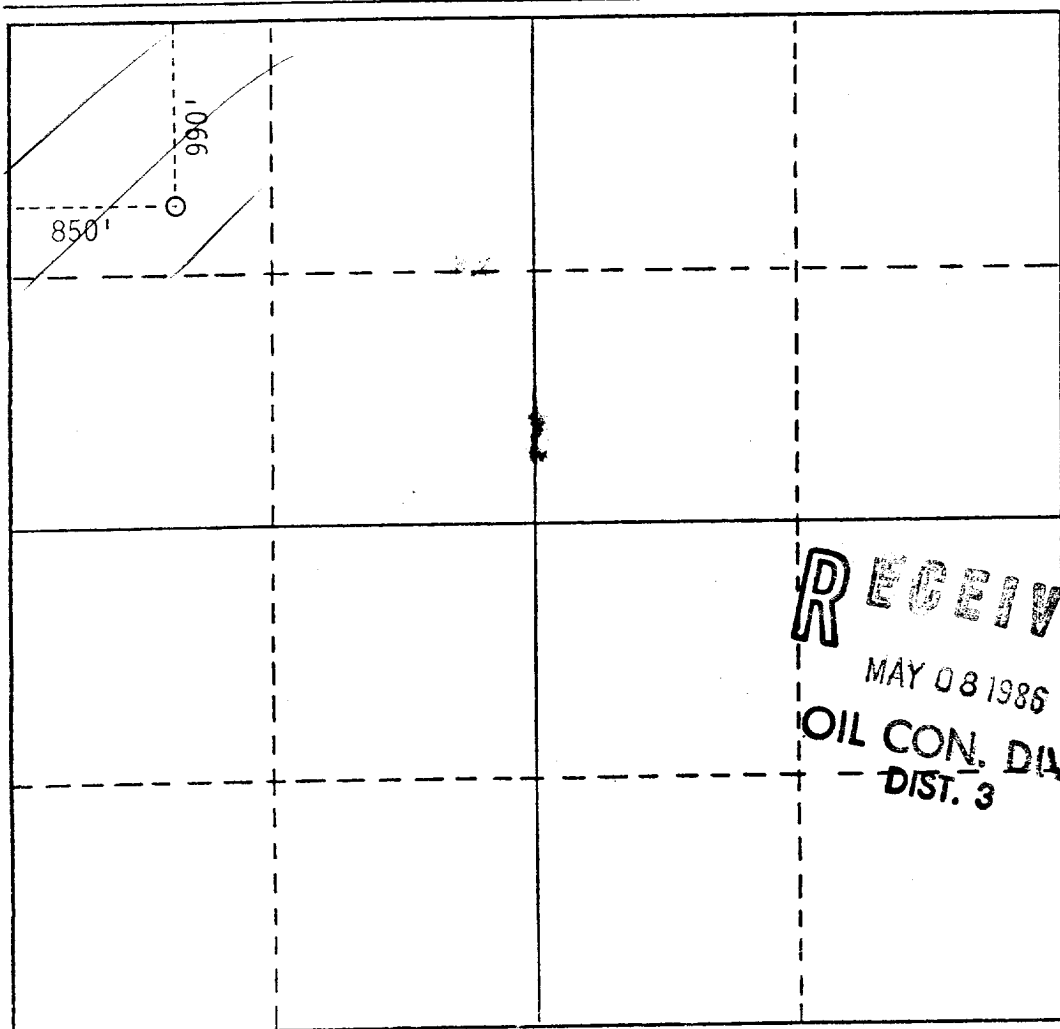
Operator Gila Exploration, Inc.			Lease LG-3702-1 Hogan State		Well No. 3
Unit Letter D	Section 16	Township 18N	Range 12W	County McKinley	
Actual Footage Location of Well: 990 feet from the north line and 850 feet from the west line					
Ground Level Elev. 6459' GL	Producing Formation Brushy Basin (Morrison)		Pool W.C.	Dedicated Acreage: 40 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 \_\_\_\_\_

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  
Engineer  
Position  
Gila Exploration, Inc.  
Company  
5-6-86  
Date

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.

5 May 1986  
Date Surveyed  
Guy D. Hayden  
Registered Professional Engineer  
and/or Land Surveyor

4070  
Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0