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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE FEE

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL DEEPEN PLUG BACK

b. Type of Well
OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. Name of Operator
Jerome P. McHugh

3. Address of Operator
P O Box 809, Farmington, NM 87499

4. Location of Well
UNIT LETTER F LOCATED 1850 FEET FROM THE North LINE
AND 1850 FEET FROM THE West LINE OF SEC. 15 TWP. 31 N RGE. 13 W NMPM

7. Unit Agreement Name

8. Farm or Lease Name
Emerald City

9. Well No.
1

10. Field and Pool, or Wildcat
Basin Dakota

12. County
San Juan

19. Proposed Depth
6700

19A. Formation
Dakota

20. Rotary or C.T.
Rotary

21. Elevations (Show whether DF, RT, etc.)
5758' GL' 5773' RKB

21A. Kind & Status Plug. Bond
Statewide

21B. Drilling Contractor
LLL Drilling Co.

22. Approx. Date Work will start
6-1-85

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	9-5/8"	36#	250'	200 cf circulated	to surf.
7-7/8"	4-1/2"	11.6 & 10.5#	6700'	2290 cf circ.	in 2 stages

Plan to drill with spud mud to set surface casing at 250'. Will then drill with water-mud-gel mixture to test the Dakota formation sufficiently. Plan to run IES, CDL, and CNL logs. If well appears productive, will run 4 1/2" casing, cementing in 2 stages; will selectively perforate, frac, clean out after frac and complete the well using 2-3/8" O.D. tubing.

Gas is not dedicated.

APPROVAL EXPIRES 12-10-85
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

RECEIVED
JUN 10 1985
CH. O. S.
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.

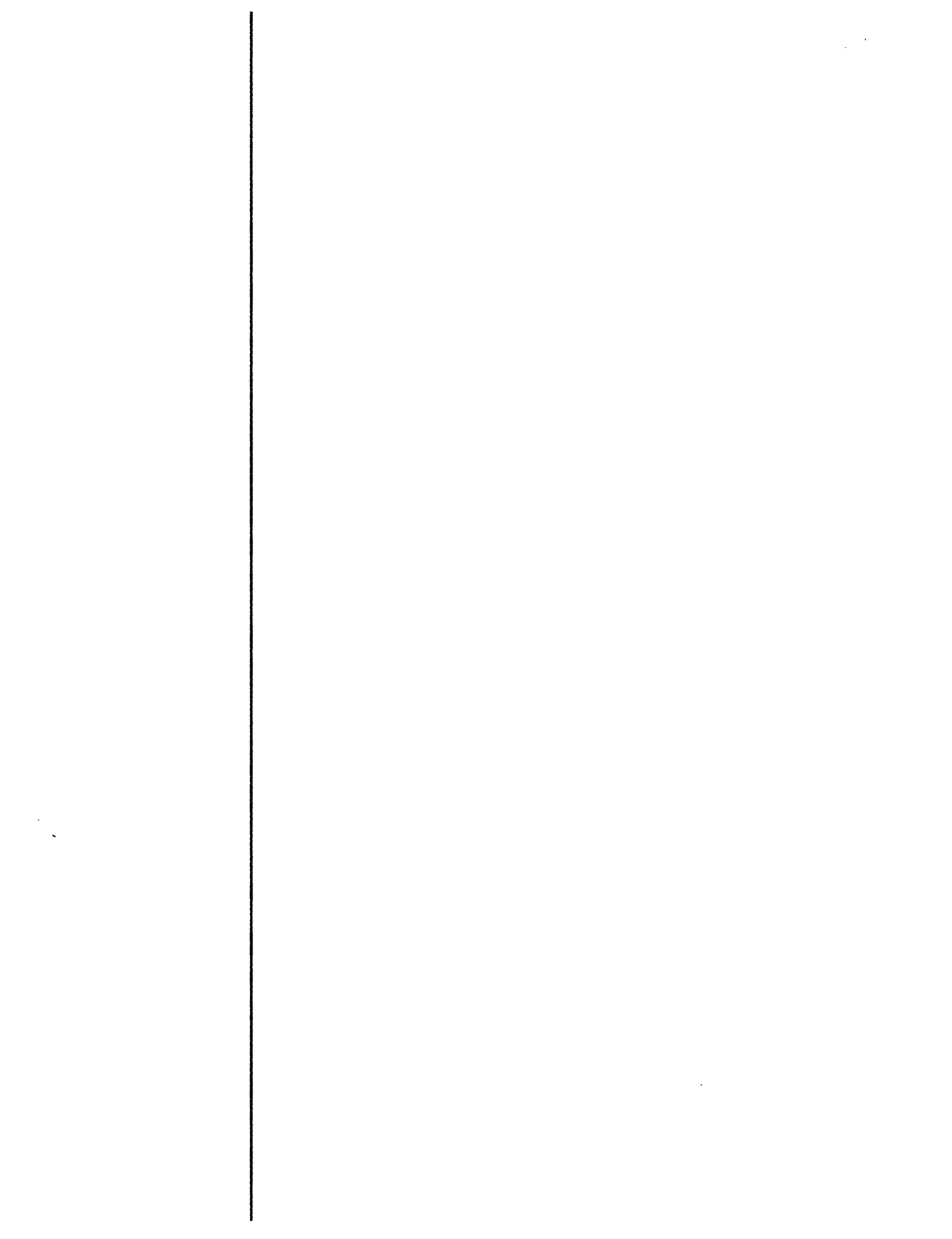
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed James S. Hazen Title Field Supt. Date 6-10-85

(This space for State Use)

APPROVED BY Frank D. Almy TITLE SUPERVISOR DISTRICT # 3 DATE JUN 10 1985

CONDITIONS OF APPROVAL, IF ANY:



OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-78

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

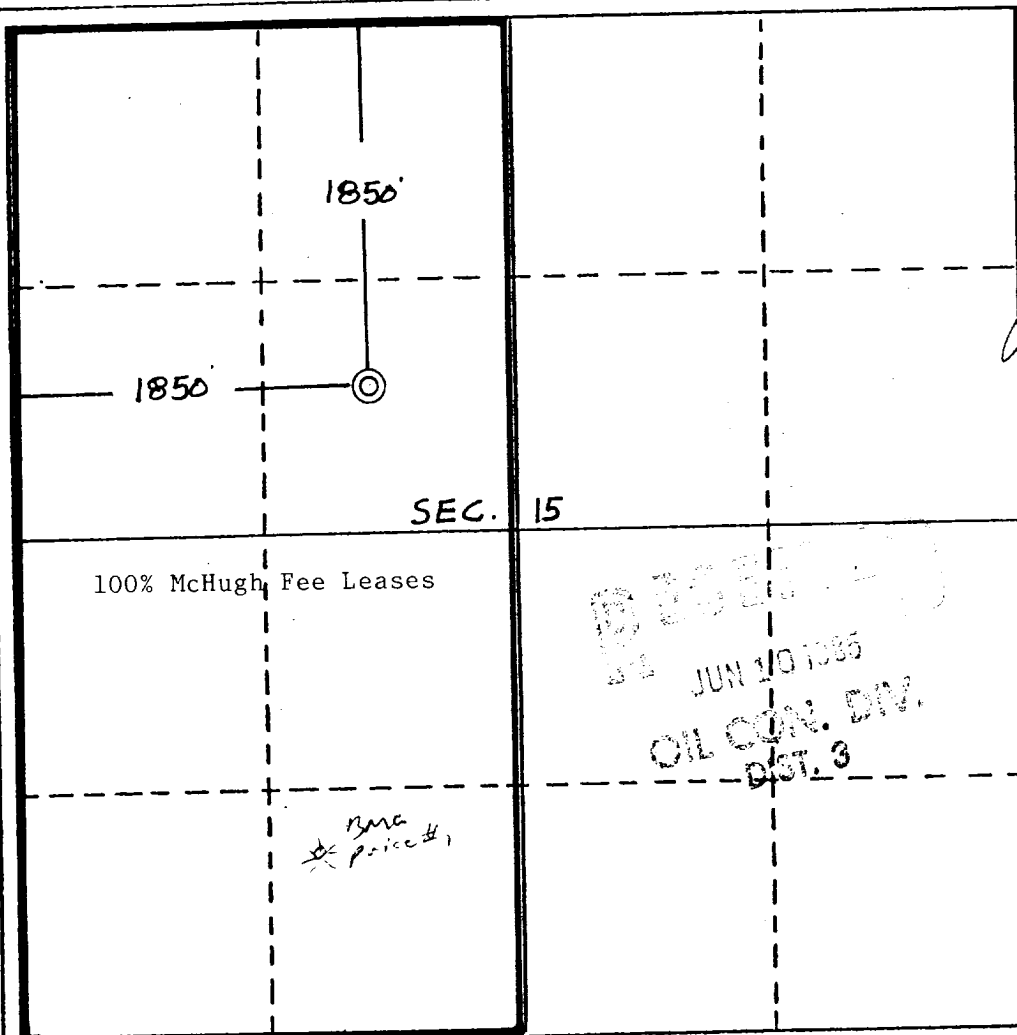
Operator Jerome P. McHugh		Lease <i>Emerald City</i> Emerald City		Well No. 1
Unit Letter F	Section 15	Township 31 North	Range 13 West	County San Juan
Actual Footage Location of Well: 1820 feet from the North line and 1850 feet from the West line				
Ground Level Elev. 5758	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage: 320.0 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 Declaration of Pooling

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.

James S. Hazen
Name

James S. Hazen
Position

Field Supt.
Company

Jerome P. McHugh
Date

6-10-85

I hereby certify that the location shown on this plat was a true and correct location of actual production made by me or under my supervision, and that the same is true and correct to the best of my knowledge.



Date Surveyed

November 20, 1984

Registered Professional Engineer
and/or Land Surveyor

Edgar L. Risenhoover

Certificate No. 5979

Edgar L. Risenhoover, L.S.

