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NEW MEXICO OIL CONSERVATION COMMISSION

30-039-22493

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"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	8. Farm or Lease Name Di's Delight		
2. Name of Operator Jerome P. McHugh	9. Well No. 1		
3. Address of Operator P. O. Box 208, Farmington, New Mexico 87401	10. Field and Pool, or Wildcat Gavilan P.C. et		
4. Location of Well UNIT LETTER <u>E</u> LOCATED <u>1850</u> FEET FROM THE <u>North</u> LINE AND <u>790'</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>17</u> TWP. <u>24N</u> RGE. <u>2W</u> NMMP	12. County Rio Arriba		
19. Proposed Depth 3290'	19A. Formation Pictured Cliff	20. Rotary or C.T. Rotary	
21. Elevations (Show whether DF, RT, etc.) 7096' G.L.	21A. Kind & Status Plug. Bond	21B. Drilling Contractor James Drilling	22. Approx. Date Work will start ASAP

PROPOSED CASING AND CEMENT PROGRAM

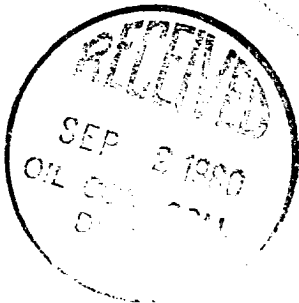
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/2"	8-5/8"	24#	90'	60	Surface
6-1/4"	4-1/2"	10.5#	3270'	230	Surface

Drill with mud to test Pictured Cliff formation. If productive, plan to run 4-1/2" casing to T.D. Selectively perforate, frac, cleanout after frac, run tubing and put well on production. Plan to use hydraulic blowout preventer - Bag type.

Well head equipment.
Well head equipment 1000# working pressure, non-flanged.
Gas Not Dedicated.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 12-1-80



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 Sherman E. Dugan Title Agent Date 8-28-80
Sherman E. Dugan
(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT #3 DATE SEP 8 1980

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 Jerome P. McHugh			Lease Di's Delight		Well No. 1
Unit Letter E	Section 17	Township 24 North	Range 2 West	County Rio Arriba	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 1850 feet from the North line and 790 feet from the East line </div>					
Ground Level Elev. 7096	Producing Formation P.C.	Pool S. Blanco	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 _____

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.

The plat map shows a grid of sections. Section 17 is labeled 'Sec. 17'. A well location is marked with a circled 'X' and labeled '790' and '1850'.

CERTIFICATION

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

Name
Sherman E. Dugan

Position
Landman

Company
Dugan Production Co.

Date
8-28-80

RECEIVED
SEP 2 1980
CON. COM.
DIST. 3

Date Surveyed
August 27, 1980

Registered Professional Engineer
or Land Surveyor

Edgar L. Risenhoover

Certificate No. **5979**
Edgar L. Risenhoover, L.S.

