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NEW MEXICO OIL CONSERVATION COMMISSION

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 6-8-78

30-039-21753
Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	E-291-17 & E 291-25

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		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 State <input checked="" type="checkbox"/> C Com	
2. Name of Operator Caulkins Oil Company		9. Well No. 235 235 R	
3. Address of Operator P. O. Box 780, Farmington, New Mexico		10. Field and Pool, or Wildcat South Blanco/Otero Chac	
4. Location of Well UNIT LETTER <u>A</u> LOCATED <u>1070</u> FEET FROM THE <u>North</u> LINE AND <u>920</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>16</u> TWP. <u>26N</u> RGE. <u>6W</u> NMPM		12. County Rio Arriba	
19. Proposed Depth 4050		19A. Formation Chacra	
21. Elevations (Show whether DF, RT, etc.) 6530 Gr.		22. Approx. Date Work will start MAR 10 1978	

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#	120	150	Surface
7 7/8	4 1/2	10.5	4050	700	Surface

Surface formation San Jose. No abnormal pressure or temperature anticipated. It is proposed to drill well to 4050' using gel based 9# mud. Float will be run in drill pipe at bit. ES Ind and Density logs will be run in open hole. New 4 1/2" 10.5# H-40 casing will be cemented at TD with 700 sacks 50-50 pos cement containing 12 1/2# gel per sack followed by 100 sacks Neat cement. Casing will have rotating scratchers and centralizers thru Pictured Cliffs and Chacra zones.

Pictured Cliffs and Chacra zones will be sand water fraced individually to help stimulate production.

1" NU 10 rd thd. tubing will be run to Chacra Perforations for Pictured Cliffs and Chacra commingled production.

New Mexico Oil Conservation Commission Order No. 6121 approved downhole commingling for these zones.

A shaeffer 8" Model LWP, 6000# test blowout preventor will be in use at all times while drilling below 120'. It shall be tested once every 24 hours.

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 Robert E. Oregon Title Superintendent Date 3-9-78

(This space for State Use)

APPROVED BY Frank E. O'Connell TITLE DEPUTY OIL & GAS INSPECTOR, DIST #3 DATE MAR 10 1978

CONDITIONS OF APPROVAL, IF ANY:

Gas is dedicated

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.

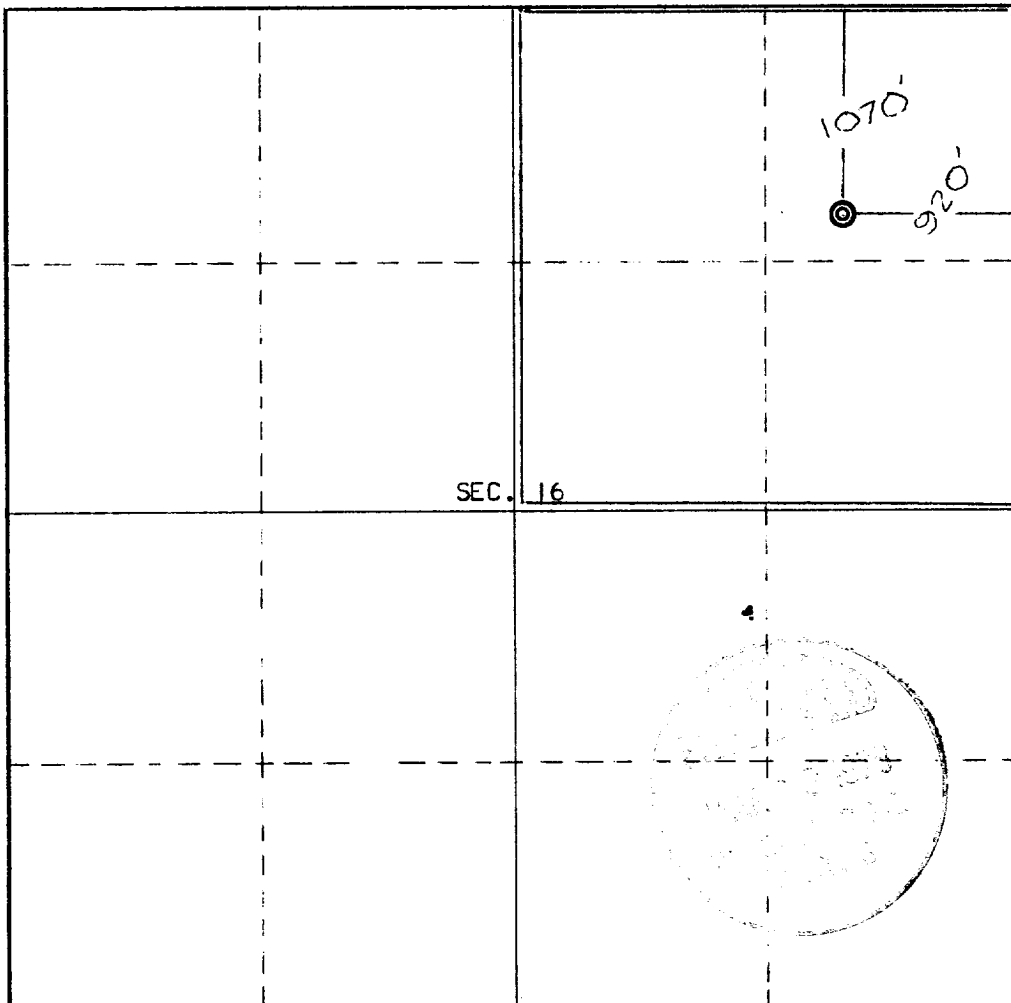
Caulkins Oil Company			Lease State C Com		Well No. 235 R
Tract Letter A	Section 16	Township 26 North	Range 6 West	County Rio Arriba	
Actual Postage Location of Well: 1070 feet from the North line and 920 feet from the East line					
Ground Level Elev. 6530	Producing Formation Pictured Cliffs-Chacra		Pool South Blanco-PC Otero Chacra		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.



CERTIFICATION

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

Charles Verquer

Name *Charles E. Verquer*

Position **Superintendent**

Company **Caulkins Oil Company**

Date **3-9-78**

REGISTERED LAND SURVEYOR
STATE OF NEW MEXICO
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 are true and correct to the best of my knowledge and belief.
E.V. ECHOHAWK

Date Surveyed **October 18, 1977**

Registered Professional Engineer and/or Land Survey

E.V. Echohawk

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

