

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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.
E 291 17

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"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>			8. Farm or Lease Name		
2. Name of Operator			9. Well No.		
Caulkins Oil Company			62 M		
3. Address of Operator			10. Field and Pool, or Wildcat		
P.O. Box 780, Farmington, New Mexico 87499			Basin Dakota		
4. Location of Well			Blanco Mesa Verde		
UNIT LETTER D LOCATED 1040 FEET FROM THE North LINE			A. 223		
AND 1120 FEET FROM THE West LINE OF SEC. 2 TWP. 26 N RGE. 6 W NMPM			12. County		
			Rio Arriba		
19. Proposed Depth			19A. Formation		20. Rotary or C.T.
7600'			Dakota		Rotary
21. Elevations (Show whether DF, RT, etc.)		21A. Kind & Status Plug. Bond	21B. Drilling Contractor		22. Approx. Date Work will start
6592 Gr.			Aztec Well Service		May 1, 1983

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
13 3/4"	9 5/8"	32.30	300'	250(293 CuFt)	Surface
7 7/8"	5 1/2"	15.5 & 17	7600'	1400(2000 CuFt)	Surface

It is proposed to drill Dakota Infill well to approx. 7600'. 5 1/2" 15.5# and 17# sml. casing to be run to TD and cemented in 3 stages with sufficient cement to circulate to surface.

Well will be drilled with 9.0# fluids surface to TD. A 10" 3000# WP, 6000# test BOP will be in use at all times while drilling below surface pipe.

This acreage dedicated to Gas Company of New Mexico.

Subject to Approval by OCD, well will be Dual Completed, with packer set between Dakota and Mesa Verde zones. Both zones will be perforated and sand-water frac'ed individually to stimulate production.

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OIL CON. DIV.  
JUL 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 Charles E. Verquer Title Superintendent Date 3-14-83

(This space for State Use)

APPROVED BY [Signature] TITLE Superintendent DATE 3-14-83

CONDITIONS OF APPROVAL, IF ANY:

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

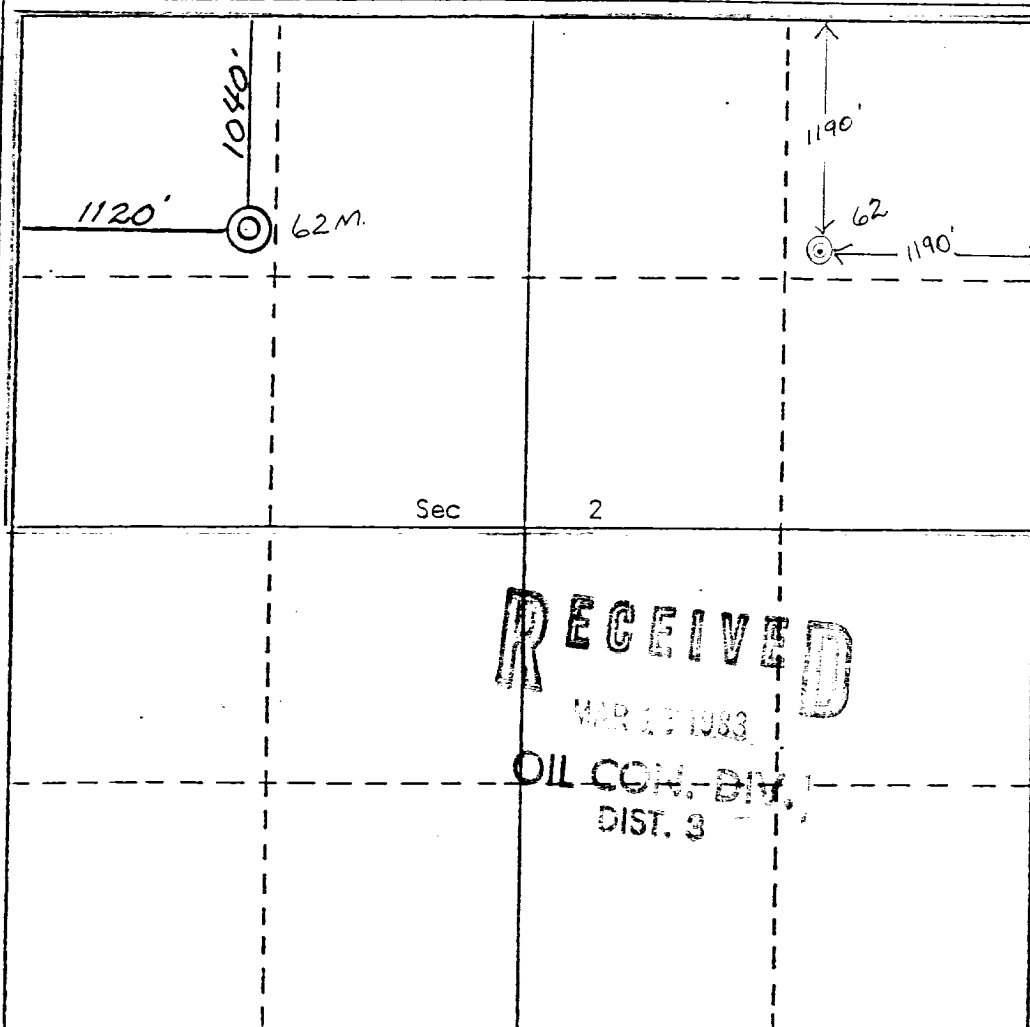
Operator CAULKINS OIL COMPANY			Lease State "A"		Well No. 62-M
Unit Letter D	Section 2	Township 26N	Range 6W	County Rio Arriba	
Actual Footage Location of Well:					
1040 feet from the North line and		1120 feet from the West line			
Ground Level Elev. 6592	Producing Formation Mesa Verde - Dakota		Pool Blanco Mesa Verde - Basin Dakota		Dedicated Acreage: 32 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 Division



# CERTIFICATION

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

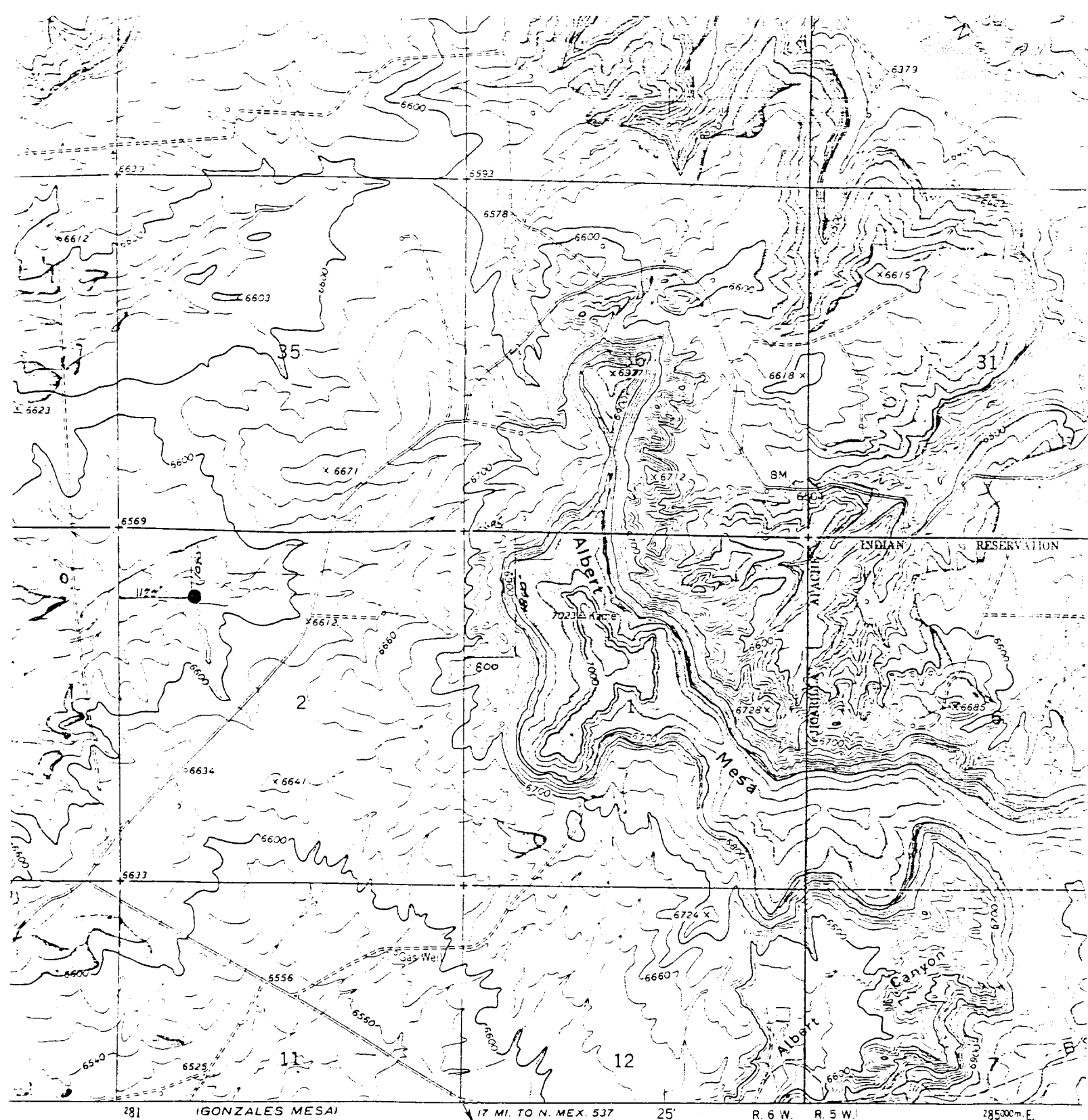
*Charles Verquer*  
Charles Verquer

Name  
Superintendent  
Position  
Caulkins Oil Company  
Company  
3-4-83  
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.

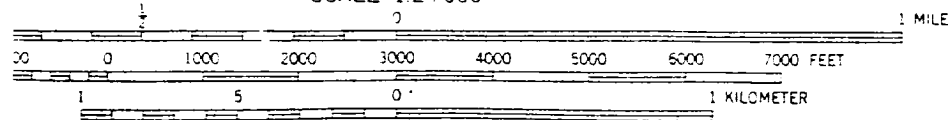
October 18, 1983  
Curtis C. Stocking  
Registered Professional Engineer  
and/or Land Surveyor  
5980  
Certificate No.

RECEIVED  
MAR 17 1983  
OIL CON. DIV.  
DIST. 3



GONZALES MESA  
4556 1/4 NW

SCALE 1:24000



CONTOUR INTERVAL 20 FEET  
DATUM IS MEAN SEA LEVEL

VICINITY MAP  
CAULKINS OIL COMPANY  
Showing Well Location in NW/4 of NW/4 of  
Sec. 2, T26N, R6W, N.M.P.M., Rio  
Arriba County, New Mexico

Scale: 1" = 2000'

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D. C. 20242  
MAP DESCRIPTION, TOLERANCES, MAPS AND SYMBOLS IS AVAILABLE ON REQUEST