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NEW MEXICO OIL CONSERVATION COMMISSION

30-039-22601
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 26

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"/>		8. Farm or Lease Name	
OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		State A	
2. Name of Operator Caulkins Oil Company		9. Well No. 113 E	
3. Address of Operator P. O. Box 780, Farmington, New Mexico		10. Field and Pool, or Well Otero Chacra, Blanco Mesa Verde and Basin Dak	
4. Location of Well UNIT LETTER P LOCATED 1110 FEET FROM THE South LINE AND 950 FEET FROM THE East LINE OF SEC 2 TWP. 26 N RGE. 6W NMPM		12. County Rio Arriba	
19. Proposed Depth 7850		19A. Formation Dakota	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 6646 Gr.	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor Aztec Well Service	
22. Approx. Date Work will start May 1, 1981			

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15"	10 3/4	32.75	300	250	Surface
7 7/8	5 1/2	15.5 & 17	7850	1050	Surface

It is proposed to drill Dakota Infill well to approx. 7850. 5 1/2" 15.5# and 17# smls. casing will 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 and Downhole Commingled with packer set between Dakota and Mesa Verde-Chacra commingled zones. All three zones will be perforated and sand-water frac'ed individually to stimulate prod.

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. Cargill Superintendent Date 1-30-81

(This space for State Use)

APPROVED BY Frank J. Chazy TITLE SECRETARY DATE FEB 3 1981

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO 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.

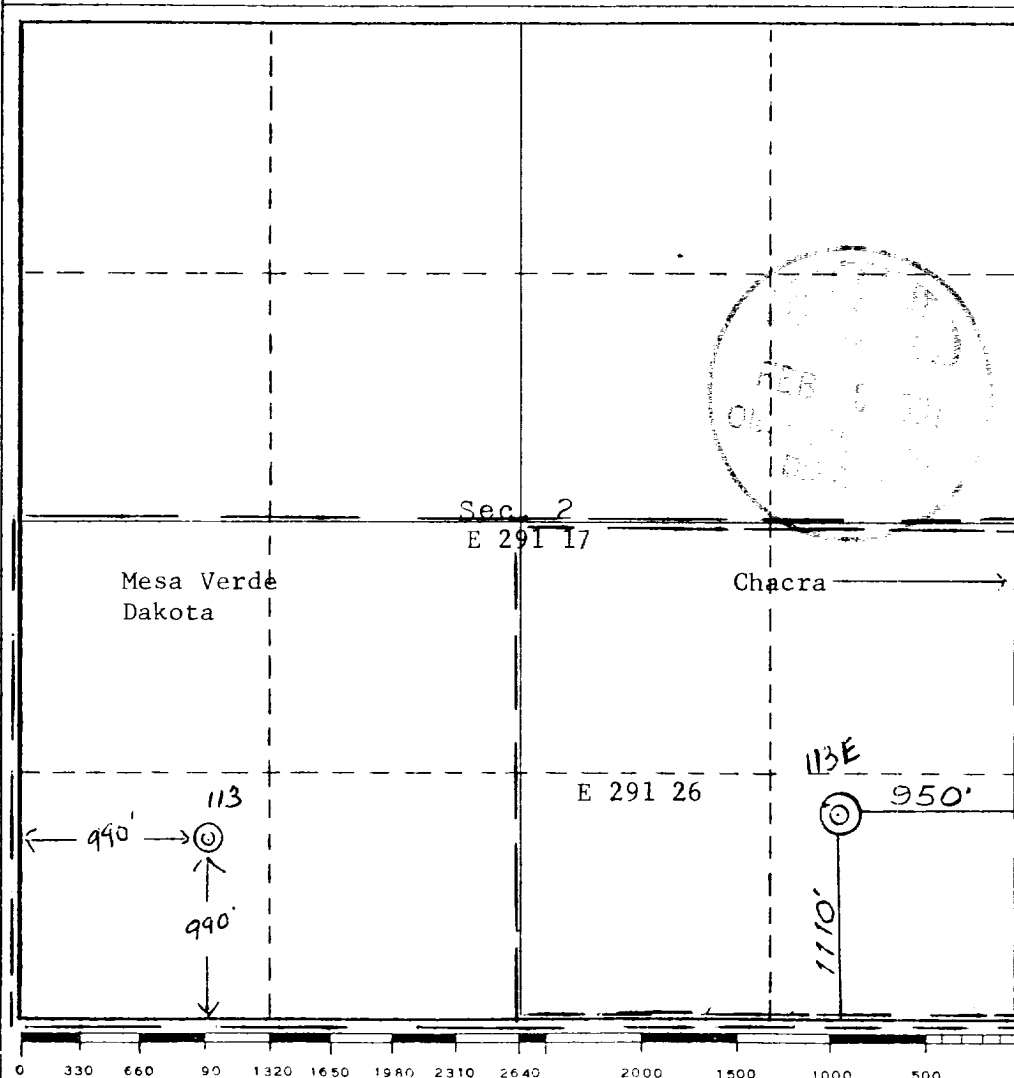
Operator CAULKINS OIL COMPANY			Lease State A		Well No. 113-E
Unit Letter P	Section 2	Township 26 NORTH	Range 6 WEST	County RIO ARriba	
Actual Footage Location of Well: 1110 feet from the SOUTH line and 950 feet from the EAST line					
Ground Level Elev. 6616	Producing Formation Chacra, Mesa Verde-Dakota		Pool Otero Chacra, Blanco Mesa Verde, Basin Dakota		Dedicated Acreage: 160 Chacra, 320 MV & Dak. 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 E. Verquer
Name

Charles E. Verquer

Position

Superintendent

Company

Caulkins Oil Company

Date

1-30-81

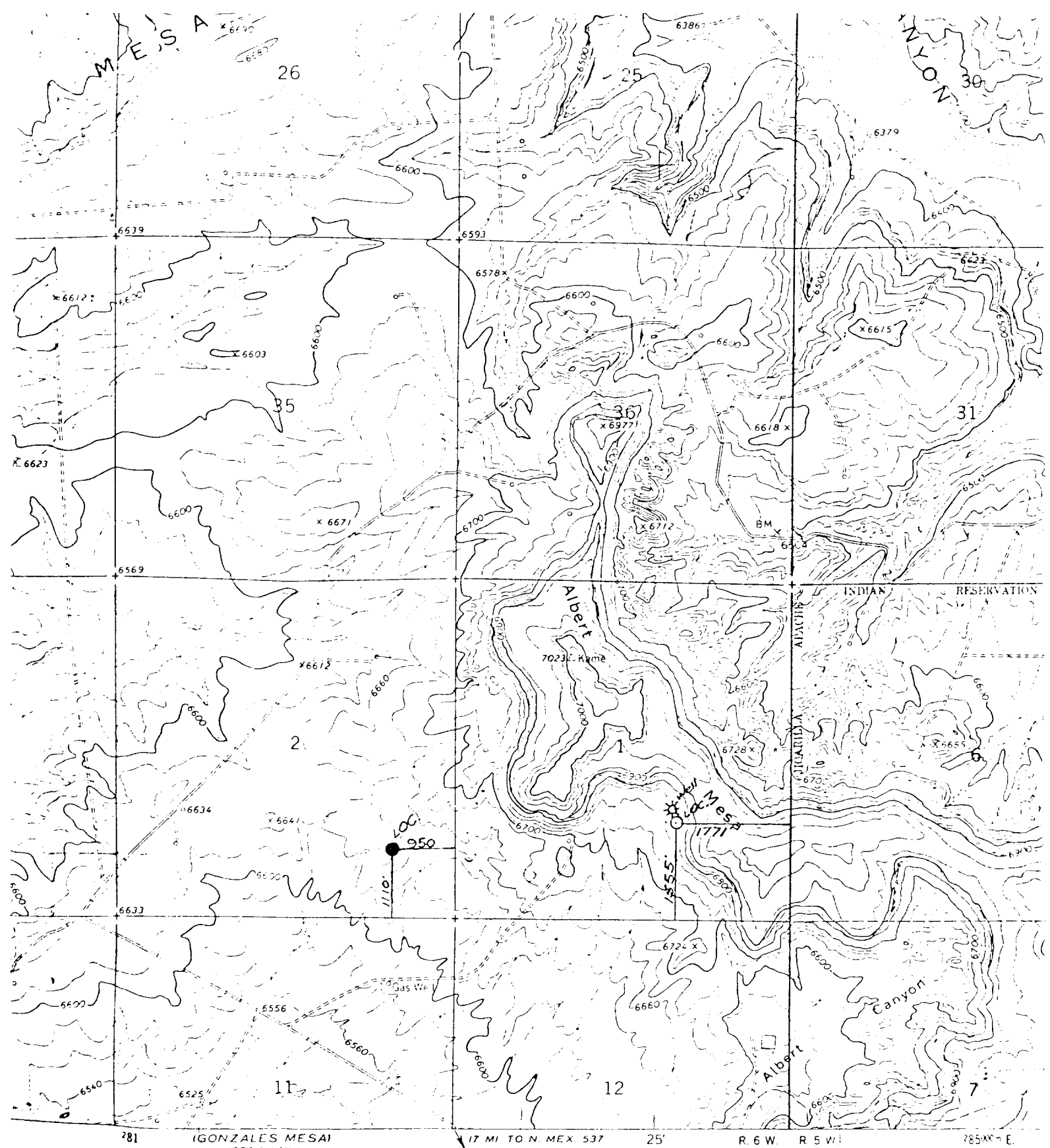
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

6 November 1981

Registered Professional Engineer and/or Land Surveyor

Charles E. Verquer
Certificate No. NMLS 35980



IGONZALES MESA
4556 1/4 NW

SCALE 1:24000

CONTOUR INTERVAL 20 FEET
DATUM TO MEAN SEA LEVEL

VICINITY MAP
CAULKINS OIL COMPANY
Showing
Well location in SE/4 SE/4
Sec. 2, T26N, R6W, N.M.P.M.
Rio Arriba County, N. Mex.

Scale: 1" = 2000'

THIS MAP COMPLIES WITH NATIONAL