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NEW MEXICO OIL CONSERVATION COMMISSION

36-031-20659

Form 1-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. LG 3702-1	

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"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		8. Farm or Lease Name State	
2. Name of Operator Mark E. Weidler		9. Well No. 16-1	
3. Address of Operator 415 West Main St., Farmington, New Mexico 87401		10. Field and Pool, or Wildcat Wildcat <i>Dakota</i>	
4. Location of Well UNIT LETTER <u>B</u> LOCATED <u>990</u> FEET FROM THE <u>North</u> LINE AND <u>1650</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>16</u> TWP. <u>18N</u> RGE. <u>12W</u> NMPM		12. County McKinley	
21. Elevations (Show whether DF, RT, etc.)		19. Proposed Depth 2300 Ft.	19A. Formation Dakota
21A. Kind & Status Plug. Bond One-Well	21B. Drilling Contractor James Drilling Co.	20. Rotary or C.T. Rotary	
22. Approx. Date Work will start January 20, 1981			

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	80	160	Surface
6 1/2	4 1/2	10.50	2300	200	Surface

It is proposed to drill this well with rotary tools; using water base mud as circulating medium, and test the Dakota formation. Zones of interest in the Gallup and/or Dakota will be completed if significant shows are encountered. Production casing will be cemented in such a manner to protect the Dakota and Gallup formations.

APPROVAL VALID
FOR 60 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 7-19-81

ESTIMATED TOPS
Point Lookout 400
Hospah Gallup 1150
Massive Gallup 1250
Dakota 'A' 2100
Dakota 'D' 2200

The NW/4NE/4 is dedicated to this well.

The gas for this well is not committed.

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.

By Mark E. Weidler Title Operator Date January 8, 1981

(This space for State Use)

PROVED BY Frank J. Long TITLE SUPERVISOR DISTRICT 3 DATE JAN 18 1981

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.

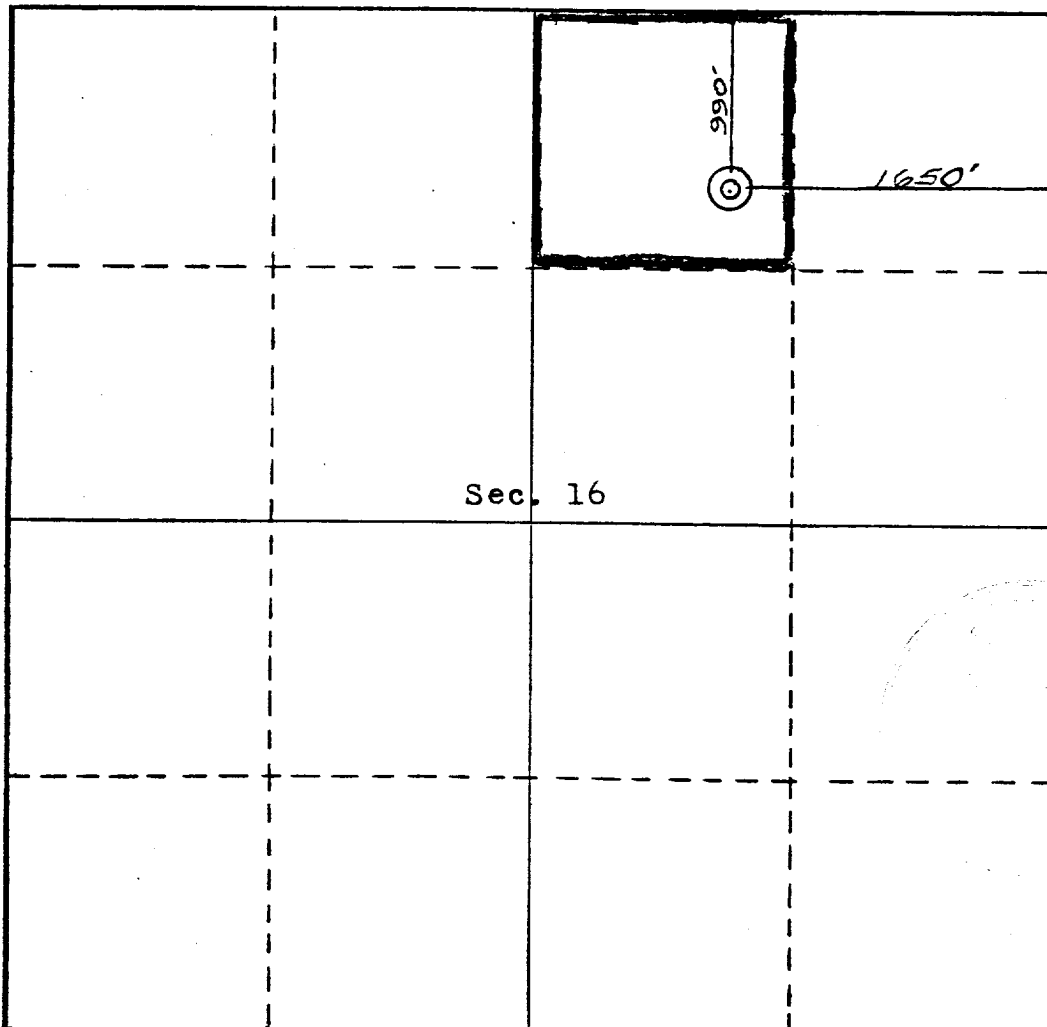
Operator MARK E. WEIDLER			Lease STATE		Well No. 16-1
Unit Letter B	Section 16	Township 18 NORTH	Range 12 WEST	County McKINLEY	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between; align-items: center;"> 990 feet from the NORTH line and 1650 feet from the EAST line </div>					
Ground Level Elev. 6409	Producing Formation DAKOTA	Pool WILDCAT	Dedicated Acreage: 40 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.

Name Mark E. Weidler
Mark E. Weidler

Position
Operator

Company

Date
January 13, 1981

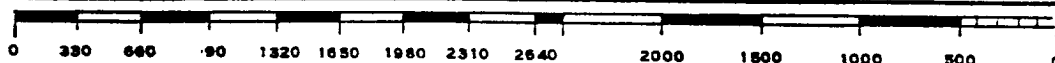
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

16 December, 1980

Date Surveyed _____

Curtis C. Stocking
Registered Professional Engineer
and/or Land Surveyor

5980
Certificate No.



MARK F. WEIDLER
STATE NO. 16-1
990 FNL, 1650 FEL SEC. 16, T18N, R12W
McKinley County, New Mexico

1. Surface Casing.
See Application for Permit to Drill.
2. Spools and Flanges
 - A. Surface Casing - 8", Series 600, 2000 psi W.P.
 - B. Production, 8", Series 600, 2000 psi W.P.
 - C. Tubing Head - Series 600, 2000 psi W.P.
3. Intermediate Casing.
None
4. Blowout Preventers
Production Hole - 10", 3000 psi
Fill, Kill and Choke Manifold - 5000 psi W.P.
5. Additional Equipment (If Necessary)
 - A. Kelly Cock
 - B. Bit Float
 - C. Degasser
 - D. Pit Level Indicator
 - F. Sub with valve for drill pipe.
6. Anticipated Bottom Hole Pressure
1000 psi. Current mud program is for 9.5 lb./gal. mud
with hydrostatic head of 1150 psi at 2300 feet. Mud
weight will be increased if necessary for higher pressures
7. Drilling Fluid
Gel-Water

Blowout Preventer Diagram

Mark E. Weidler, State 16-1
990' FNL-1650' FEL
Sec. 16, T18N, R12W
McKinley County, New Mexico

PLAN VIEW-CHOKE MANIFOLD

