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| OPERATOR               |                                     |

# NEW MEXICO OIL CONSERVATION COMMISSION

JUN 3 1981

6 6 2  
MEDIA OFFICE

30-011-20024  
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.   |
| LG 9581  |

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

|  |  |   |  |
|--|--|---|--|
| 1a. Type of Work   |  | 7. Unit Agreement Name                              |  |
| b. Type of Well<br>DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/><br>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<br>INDIAN STATE               |  |
| 2. Name of Operator<br>MESA PETROLEUM CO.  |  | 9. Well No.<br>1                                    |  |
| 3. Address of Operator<br>1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701  |  | 10. Field and Pool, or Wildcat<br>WILDCAT           |  |
| 4. Location of Well<br>UNIT LETTER 0 LOCATED 660 FEET FROM THE SOUTH LINE<br>AND 1980 FEET FROM THE EAST LINE OF SEC. 22 TWP. 1S RGE. 21E NMPM   |  | 12. County<br>DE BACA                               |  |
| 19. Proposed Depth<br>5100'  |  | 19A. Formation<br>ABO-BASEMENT                      |  |
| 20. Rotary or C.T.<br>ROTARY   |  | 21. Elevations (Show whether DF, RT, etc.)<br>4513' |  |
| 21A. Kind & Status Plug. Bond<br>BLANKET   |  | 21B. Drilling Contractor<br>DESERT DRILLING         |  |
| 22. Approx. Date Work will start<br>JUNE 5, 1981   |  |   |  |

23.

## 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#             | 1700'         | 900             | SURFACE                               |
| 7 7/8"       | 4 1/2"         | 10.5#           | 5100'         | 800 OR          | SUFFICIENT VOLUME TO ISOLATE WTR, O&G |

Propose to drill 12 1/4" hole to 1700'. Will set 8 5/8" surface casing and cement to surface. Will reduce hole to 7 7/8" and drill to 5100' using air, foam or mud as required. After log evaluation, 4 1/2" casing may be run and cemented with sufficient kinds and amounts of cement to isolate and seal off any fresh water, oil, or gas zones encountered. Will install BOP's prior to drill 7 7/8" hole.

Gas Sales Are Dedicated To Transwestern Pipeline.

180 DAYS  
12-4-81  
SUNWAY

XC: NMOCD (6), TLS, CEN RCDS, ACCTG, MEC, LAND, ROSWELL, PARTNERS, FILE

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 Michael P. Houston Title OPERATIONS MANAGER Date JUNE 3, 1981

(This space for State Use)

APPROVED BY W. A. Gussitt TITLE SUPERVISOR, DISTRICT II DATE JUN 4 1981

CONDITIONS OF APPROVAL, IF ANY:

Set 350' of 13 3/8" casing

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<br><b>Mesa Petroleum Co.</b>   |  |                            | Lease<br><b>Indian State</b> |                          | Well No.<br><b>1</b>                      |
| Unit Letter<br><b>0</b>   | Section<br><b>22</b>                   | Township<br><b>1 South</b> | Range<br><b>21 East</b>      | County<br><b>De Baca</b> |   |
| Actual Footage Location of Well:<br><b>1980</b> feet from the <b>east</b> line and <b>660</b> feet from the <b>south</b> line |  |                            |                              |                          |   |
| Ground Level Elev.<br><b>4513.0</b>   | Producing Formation<br><b>ABO-PENN</b> |                            | Pool<br><b>WILDCAT PENN</b>  |                          | Estimated Acreage<br><b>SE 1/4 40 160</b> |

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 here is true and complete to the best of my knowledge and belief.

*Michael P. Houston*

Name

**MICHAEL P. HOUSTON**

Position

**OPERATIONS MANAGER**

Company

**MESA PETROLEUM CO**

Date

**JUNE 3, 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.

Date Surveyed

**5/30/81**

Registered Professional Engineer and Land Surveyor

*John W. West*

Certificate No. **JOHN W. WEST 676**  
**PATRICK A. ROMERO 6663**  
**Ronald J. Eidson 3239**

330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600 6930 7260 7590 7920 8250 8580 8910 9240 9570 9900 10230 10560 10890 11220 11550 11880 12210 12540 12870 13200 13530 13860 14190 14520 14850 15180 15510 15840 16170 16500 16830 17160 17490 17820 18150 18480 18810 19140 19470 19800 20130 20460 20790 21120 21450 21780 22110 22440 22770 23100 23430 23760 24090 24420 24750 25080 25410 25740 26070 26400 26730 27060 27390 27720 28050 28380 28710 29040 29370 29700 30030 30360 30690 31020 31350 31680 32010 32340 32670 33000 33330 33660 33990 34320 34650 34980 35310 35640 35970 36300 36630 36960 37290 37620 37950 38280 38610 38940 39270 39600 39930 40260 40590 40920 41250 41580 41910 42240 42570 42900 43230 43560 43890 44220 44550 44880 45210 45540 45870 46200 46530 46860 47190 47520 47850 48180 48510 48840 49170 49500 49830 50160 50490 50820 51150 51480 51810 52140 52470 52800 53130 53460 53790 54120 54450 54780 55110 55440 55770 56100 56430 56760 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