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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

0+6-NMOCD-\_\_\_\_\_ 1-File  
2-Midland-\_\_\_\_\_ 1-Engr. PJB  
1-Foreman-CRM

|                                                                                                      |
|------------------------------------------------------------------------------------------------------|
| 5A. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.<br>NM-1040                                                              |
| 7. Unit Agreement Name                                                                               |
| 8. Firm or Lease Name<br>San Simon "1" State Com                                                     |
| 9. Well No.<br>1                                                                                     |
| 10. Field and Pool, or Wildcat<br><b>UNDESIGNATED</b>                                                |
| 11. County<br>Lea                                                                                    |
| 19. Proposed Depth<br>±12,715'                                                                       |
| 19A. Formation<br>Strawn                                                                             |
| 20. Rotary or C.T.<br>Pulling Unit                                                                   |
| 21. Conditions (Show whether DP, RT, etc.)<br>3630.2 GL                                              |
| 21A. Kind & Status Plug. Bond<br>-                                                                   |
| 21B. Drilling Contractor<br>-                                                                        |
| 22. Approx. Date Work will start<br>-                                                                |

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

|                                                                                                                                                                                                                                                |                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 1a. Type of Work<br>b. Type of Well<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/><br>SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> |
| 2. Name of Operator<br>Getty Oil Company                                                                                                                                                                                                       |                                                                                                              |
| 3. Address of Operator<br>P.O. Box 730, Hobbs, New Mexico 88240                                                                                                                                                                                |                                                                                                              |
| 4. Location of Well<br>UNIT LETTER <u>H</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE<br>AND <u>660</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>1</u> TWP. <u>22-S</u> RGE. <u>34-E</u> NMPM                                       |                                                                                                              |
| 23.                                                                                                                                                                                                                                            |                                                                                                              |

## PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP                |
|--------------|----------------|-----------------|---------------|-----------------|-------------------------|
| 17-1/4"      | 13-3/8"        | 40              | 1060          | 900             | Surface                 |
| 12-1/4"      | 9-5/8"         | 36 & 40         | 5582          | 2600            | 750' Temp Survey        |
| 8-1/2"       | 7"             | 23 & 26         | 11,025        | 1750            | Surface                 |
| 7-7/8"       | 4-1/2"         | 13.5            | 13,360        | 550             | Top of liner at 10,695' |

1. Rig up pulling unit and install BOP
2. Unseat 4-1/2" Otis Perma-Latch Packer at 12,688'.
3. POH w/2-3/8" tbg and pkr.
4. Rig up wireline unit, set 4-1/2" CIBP at ±12,750' and dump 35' of cement on plug w/bailer PBTD 12,715'.
5. POH w/wireline tools and rig down.
6. GIH w/Otis 4-1/2" Perma-Latch Pkr on 2-3/8" tbg.
7. Run pkr. to ±12,715' PBTD.
8. Displace hole w/treated 2% KCl water. Then spot 700 gals of acetic acid from 12,715-11,600'.
9. Pull pkr to ±11,600'. Displace 5 bbls. of 2% KCl down backside and out tbg to insure no acid will be left above the pkr.
10. Remove BOP and install wellhead.
11. Set pkr at ±11,600'.

(CONTINUED ON OTHER SIDE)

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 Dale R. Crockett Title Area Superintendent Date 3/16/84

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT 1 SUPERVISOR

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

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(CONTINUED FROM OTHER SIDE)

12. Rig up swab line and swab fluid level down to  $\pm 8500'$ .
13. Rig up Welex and GIH w/1-11/16" through tbg gun and perforate the Strawn w/1 spf in the following intervals:  
  
11,680', 82', 84', 86', 11,712', 14', 16', 18', 20', 22', 11,730', 32', 34', 36', 11,742', 44', 46', 48', 50', 52', 54', 56', 58', 11,776', 78', 80', 82', 84', 86', 88', 90', 92', 94', 96', 98', 11,800' (total 36 holes).
14. POH w/perforating guns.
15. Flow or swab the Strawn and evaluate
16. If necessary, acidize the Strawn interval 11,680-11,790', 36 holes w/15,000 gals. gelled pad, 15,000 gals, gelled 20% acid and 25% CO<sub>2</sub> in 3 stages using 30 ball sealers, the treatment to be as follows:
  - a. 2500 gal. gelled 2% KCL pad w/25% CO<sub>2</sub>
  - b. 2500 gal. gelled 20% acid w/25% CO<sub>2</sub>
  - c. 2500 gal. gelled 2% KCL pad w/25% CO<sub>2</sub>
  - d. 2500 gal. gelled 20% acid w/25% CO<sub>2</sub>
  - e. Drop 15 ball sealers (Stage 1)
  - f. Repeat steps a-e (Stage 2)
  - g. Repeat steps a-d (Stage 3)
  - h. Flush w/gelled 2% KCl w/25% CO<sub>2</sub>
17. Swab and evaluate
18. Place well back on production.

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