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Form C-105  
Revised 1-1-65

# NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease  
State ☐ Fee ☒

5. State Oil & Gas Lease No.

|  |   |  |  |
|--|---|--|--|
| 1a. TYPE OF WELL   |   | 7. Unit Agreement Name   |  |
| b. TYPE OF COMPLETION<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/><br>NEW <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> |   | 8. Farm or Lease Name<br><b>Walter Lynch</b>   |  |
| 2. Name of Operator<br><b>Sun Oil Company</b>  |   | 9. Well No.<br><b>3</b>  |  |
| 3. Address of Operator<br><b>P. O. Box 1861, Midland, Texas 79701</b>  |   | 10. Field and Pool, or Wildcat<br><b>Wants Granite Wash</b>  |  |
| 4. Location of Well<br>UNIT LETTER <b>M</b> LOCATED <b>660</b> FEET FROM THE <b>South</b> LINE AND <b>660</b> FEET FROM<br>THE <b>West</b> LINE OF SEC. <b>1</b> TWP. <b>22 S</b> RGE. <b>37 E</b> NMPM  |   | 12. County<br><b>Lea</b>   |  |
| 15. Date Spudded<br><b>6-8-74</b>  | 16. Date T.D. Reached<br><b>6-21-74</b> | 17. Date Compl. (Ready to Prod.)<br><b>7-30-74</b>   | 18. Elevations (DF, RKB, RT, GR, etc.)<br><b>DF 3363' GR 3352'</b> |
| 20. Total Depth<br><b>7394'</b>  |   | 21. Plug Back T.D.<br><b>7285'</b>   | 23. Intervals Drilled By<br><b>Rotary Tools 5220-7394</b>          |
| 24. Producing Interval(s), of this completion - Top, Bottom, Name<br><b>7165 - 7270 Granite Wash</b>   |   |  | 25. Was Directional Survey Made<br><b>No</b>                       |
| 26. Type Electric and Other Logs Run<br><b>GR-CNFD, DLL</b>  |   |  | 27. Was Well Cored<br><b>No</b>                                    |
| 28. CASING RECORD (Report all strings set in well)   |   |  |  |
| CASING SIZE  | WEIGHT LB./FT.                          | DEPTH SET  | HOLE SIZE  |
| <b>13-3/8"</b>   | <b>40#</b>                              | <b>336'</b>  | <b>17"</b>   |
| <b>9-5/8"</b>  | <b>36#</b>                              | <b>2854'</b>   | <b>12"</b>   |
| <b>7"</b>  | <b>23#</b>                              | <b>5220'</b>   | <b>8-3/4"</b>  |
| 29. LINER RECORD   |   | 30. TUBING RECORD  |  |
| SIZE   | TOP                                     | BOTTOM   | SACKS CEMENT   |
| <b>5"</b>  | <b>5078'</b>                            | <b>7393'</b>   | <b>200</b>   |
| 31. Perforation Record (Interval, size and number)   |   | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.   |  |
| <b>7304-7308 w/3-1/8 csg gun, 5 holes</b>  |   | DEPTH INTERVAL   |  |
| <b>7290-7304 w/1-9/16 Wesjet, 8 holes (1 JS/2F)</b>  |   | AMOUNT AND KIND MATERIAL USED  |  |
| <b>7250-7270 w/1-9/16 Wesjet, 11 holes (1 JS/2F)</b>   |   | <b>7290-7308 Shut off w/CIBP at 7285'.</b>   |  |
| <b>7165-7219 w/1-9/16 Wesjet, 17 holes</b>   |   | <b>7250-7270 Frac w/2000 gals solv &amp; 10,000 gals MT Oil #1,3000 gal Pad &amp; 7000 gals 20-40 sd</b> |  |
|  |   | <b>7165-7219 Frac w/200 gals FE Acid, 2000 gals</b>  |  |
|  |   | <b>PRODUCTION solv w/2000 gal Pad &amp; 4000 gals 20-40 sd.</b>  |  |
| 33. Date First Production<br><b>7-30-74</b>  |   | Production Method (Flowing, gas lift, pumping - Size and type pump)<br><b>Flowing</b>                    |  |
| Date of Test<br><b>8-17-74</b>   |   | Well Status (Prod. or Shut-in)<br><b>Producing</b>   |  |
| Hours Tested<br><b>24</b>  | Choke Size<br><b>1 1/2"</b>             | Prod'n. For Test Period<br><b>97.0</b>   | Oil - Bbl.<br><b>227.3</b>   |
| Flow Tubing Press.<br><b>100#</b>  | Casing Pressure<br><b>pkc.</b>          | Calculated 24-Hour Rate<br><b>97.0</b>   | Gas - MCF<br><b>227.3</b>  |
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)<br><b>Skelly Oil Company</b>  |   | Test Witnessed By  |  |
| 35. List of Attachments<br><b>Inclination Survey, Form C-104</b>   |   |  |  |
| 36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.  |   |  |  |
| SIGNED <b>Charles Gray</b>   |   | TITLE <b>Proration Analyst</b>   |  |
|  |   | DATE <b>8-19-74</b>  |  |

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

### Northwestern New Mexico

|                          |                         |                             |                        |
|--------------------------|-------------------------|-----------------------------|------------------------|
| T. Anhy _____            | T. Canyon _____         | T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Salt _____            | T. Strawn _____         | T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| B. Salt _____            | T. Atoka _____          | T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Yates _____           | T. Miss _____           | T. Cliff House _____        | T. Leadville _____     |
| T. 7 Rivers _____        | T. Devonian _____       | T. Menefee _____            | T. Madison _____       |
| T. Queen _____           | T. Silurian _____       | T. Point Lookout _____      | T. Elbert _____        |
| T. Grayburg _____        | T. Montoya _____        | T. Mancos _____             | T. McCracken _____     |
| T. San Andres _____      | T. Simpson _____        | T. Gallup _____             | T. Ignacio Qtzte _____ |
| T. Glorieta _____        | T. McKee _____          | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock _____         | T. Ellenburger _____    | T. Dakota _____             | T. _____               |
| T. Blinebry _____        | T. Gr. Wash <b>7160</b> | T. Morrison _____           | T. _____               |
| T. Tubb, <b>5935</b>     | T. Granite <b>7334</b>  | T. Todilto _____            | T. _____               |
| T. Drinkard <b>6236</b>  | T. Delaware Sand _____  | T. Entrada _____            | T. _____               |
| T. Abo _____             | T. Bone Springs _____   | T. Wingate _____            | T. _____               |
| T. Wolfcamp _____        | T. _____                | T. Chinle _____             | T. _____               |
| T. Penn. _____           | T. _____                | T. Permian _____            | T. _____               |
| T. Cisco (Bough C) _____ | T. _____                | T. Penn. "A" _____          | T. _____               |

## FORMATION RECORD (Attach additional sheets if necessary)

| From | To   | Thickness<br>in Feet | Formation    | From | To | Thickness<br>in Feet | Formation |
|------|------|----------------------|--------------|------|----|----------------------|-----------|
| 5220 | 5385 | 165                  | LM           |      |    |                      |           |
| 5385 | 5790 | 405                  | LM,SH        |      |    |                      |           |
| 5790 | 6105 | 315                  | LM,SH        |      |    |                      |           |
| 6105 | 6370 | 265                  | LM,SH        |      |    |                      |           |
| 6370 | 6514 | 144                  | LM,SH        |      |    |                      |           |
| 6514 | 6655 | 141                  | DOL, SH      |      |    |                      |           |
| 6655 | 6780 | 125                  | DOL, LM      |      |    |                      |           |
| 6780 | 6902 | 122                  | DOL, LM, SH  |      |    |                      |           |
| 6902 | 6980 | 78                   | DOL, LM      |      |    |                      |           |
| 6980 | 7105 | 125                  | DOL, LM      |      |    |                      |           |
| 7105 | 7215 | 110                  | DOL, LM      |      |    |                      |           |
| 7215 | 7336 | 121                  | SD, DOL      |      |    |                      |           |
| 7336 | 7384 | 48                   | Granite Wash |      |    |                      |           |
| 7384 | 7394 | 10                   | Granite Wash |      |    |                      |           |

June 24, 1974


To: New Mexico Oil Conservation Commission

From: Sun Oil Company

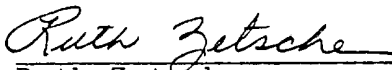
Subject: Walter Lynch #3, 660'/S, 660'/W, Sec. 1 T-22-S,  
R-37-E, Lea County, New Mexico, Re-entry and Deepen.

5220' - 1 deg.  
5255' - 3/4 deg.  
5775' - 1/4 deg.  
6355' - 1 deg.  
6855' - 1-1/4 deg.  
6925' - 1-1/2 deg.  
~~7394'~~ - 3 deg.

BEFORE ME, the undersigned authority on this day personally appeared Donn Noland, known to me to be the person and officer whose name is subscribed to the foregoing instrument, and states that he is acting at the direction and on behalf of the Operator of the well identified in this instrument and that such well was not intentionally deviated from the vertical.

  
Donn Noland

SUBSCRIBED AND SWORN TO before me this the 24th day of June, 1974.

  
Ruth Zetsche  
Notary Public in and for  
Midland County, Texas  
My commission expires  
June 1, 1975

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| TRANSPORTER            | OIL |  |
|                        | GAS |  |
| OPERATOR               |     |  |
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NEW MEXICO OIL CONSERVATION COMMISSION  
REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104  
Supersedes Old C-104 and C-110  
Effective 1-1-65

I. Operator **Sun Oil Company**  
Address **P. O. Box 1861, Midland, Texas 79701**  
Reason(s) for filing (Check proper box) Other (Please explain):  
New Well ☒ Change in Transporter of: Oil ☐ Dry Gas ☐  
Recompletion ☐ Oil ☐ Casinghead Gas ☐ Condensate ☐  
Change in Ownership ☐

If change of ownership give name and address of previous owner: **THIS WELL HAS BEEN PLACED IN THE POOL**  
**UNITED BELOW. IF YOU DO NOT CONCUR**  
**NOTIFY THIS OFFICE.**

II. DESCRIPTION OF WELL AND LEASE  
Lease Name **Walter Lynch** Well No. **3** Pool Name, including Formation **Wants Granite Wash R-4850** Kind of Lease **Fee** Lease No. **-**  
Location **M 660 South 660 West**  
Unit Letter **1** Feet From The **22 S** Line and **37 E** Feet From The **Lea**  
Line of Section **1** Township **22 S** Range **37 E** County **Lea**  
**EFFECTIVE JANUARY 31, 1977, Lea**  
**SKELLY OIL COMPANY MERGED**  
**INTO GETTY OIL COMPANY.**

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS  
Name of Authorized Transporter of Oil ☒ or Condensate ☐ Address (Give address to which approved copy of this form is to be sent)  
**Texas - New Mexico Pipe Line Company** **P. O. Box 1510, Midland, Texas 79701**  
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐ Address (Give address to which approved copy of this form is to be sent)  
**Skelly Oil Company** **P. O. Box 114, Eunice, New Mexico 88531**  
If well produces oil or liquids, give location of tanks. **Unit 1 22 S 37 E** Is gas actually connected? **Yes** When **1955**  
**PC 461**

If this production is commingled with that from any other lease or pool, give commingling order number: **PC 461**

IV. COMPLETION DATA  
Designate Type of Completion - (X) ☒ Oil Well ☐ Gas Well ☐ New Well ☐ Workover ☐ Deepen ☒ Plug Back ☐ Same Res'v. ☐ Diff. Res'v. ☒  
Date Spudded **6-8-74** Date Completed to Prod. **7-30-74** Total Depth **7394'** P.B.T.D. **7285'**  
Elevations (DF, RKB, BT, CB, etc.) **DF 3363' GR 3352'** Name of Producing Formation **Granite Wash** Top of Gas Pay **7165'** Tubing Depth **7050'**  
Perforations **7165-7270** Depth Casing Shoe **7393'**  
TUBING, CASING, AND CEMENTING RECORD  
HOLE SIZE **17"** CASING & TUBING SIZE **13-3/8"** DEPTH SET **3361'** SACKS CEMENT **350**  
**12"** **9-5/8"** **2854'** **2200** **ex circ to surf**  
**8-3/4"** **7"** **5220'** **350** **ex**  
**5" (Liner)** **Top: 5078'** **Bottom: 7393'** **200** **ex**

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)  
Date First New Oil Run To Tanks **7-30-74** Date of Test **8-17-74** Producing Method (Flow, pump, gas lift, etc.) **Flowing**  
Length of Test **24 Hrs.** Tubing Pressure **100#** Casing Pressure **Pkr** Choke Size **18/64"**  
Actual Prod. During Test **-** Oil-Bbls. **97.0** Water-Bbls. **0** Gas-MCF **227.3**

GAS WELL  
Actual Prod. Test-MCF/D **-** Length of Test **-** Bbls. Condensate/MMCF **-** Gravity of Condensate **-**  
Testing Method (pitot, back pr.) **-** Tubing Pressure (shut-in) **-** Casing Pressure (shut-in) **-** Choke Size **-**

VI. CERTIFICATE OF COMPLIANCE  
I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.  
**Charles Gray**  
**Proration Analyst**  
**8-15-74**  
(Title)  
(Date)

OIL CONSERVATION COMMISSION  
APPROVED **8-15-74**  
BY **[Signature]**  
TITLE **SUPERVISOR**  
This form is to be filed in compliance with RULE 1104.  
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.  
All sections of this form must be filled out completely for allowable on new and recompleted wells.  
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.  
Separate Forms C-104 must be filed for each pool in multiply