

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY

AN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved  
Budget Bureau No. 42-R355...

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

|                                                                                                                                                                                                                                               |                                       |                                                                                 |                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| 1a. TYPE OF WELL:<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____                                                                                                  |                                       | 5. LEASE DESIGNATION AND SERIAL NO.<br>NM 0108997-A                             |                                                                       |
| b. TYPE OF COMPLETION:<br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____               |                                       | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br>_____                                   |                                                                       |
| 2. NAME OF OPERATOR<br>KERN COUNTY LAND COMPANY                                                                                                                                                                                               |                                       | 7. UNIT AGREEMENT NAME<br>_____                                                 |                                                                       |
| 3. ADDRESS OF OPERATOR<br>418 FIRST STATE BANK BLDG. MIDLAND, TEXAS                                                                                                                                                                           |                                       | 8. FARM OR LEASE NAME<br>FEDERAL 26                                             |                                                                       |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface 660' FSL & 1980' FWL SEC 26 (UNIT N SE/4, SW/4)<br><br>At top prod. interval reported below<br>Straight Hole<br><br>At total depth |                                       | 9. WELL NO.<br>4                                                                |                                                                       |
| 14. PERMIT NO. _____ DATE ISSUED _____                                                                                                                                                                                                        |                                       | 10. FIELD AND POOL, OR WILDCAT<br>CHAVEROO - SAN ANDRES                         |                                                                       |
| 15. DATE SPUDDED<br>5-31-66                                                                                                                                                                                                                   |                                       | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br>26-T7S-R33E NMPM           |                                                                       |
| 16. DATE T.D. REACHED<br>6-7-66                                                                                                                                                                                                               |                                       | 12. COUNTY OR PARISH<br>ROOSEVELT                                               |                                                                       |
| 17. DATE COMPL. (Ready to prod.)<br>6-15-66                                                                                                                                                                                                   |                                       | 13. STATE<br>N.M.                                                               |                                                                       |
| 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*<br>4374' KB                                                                                                                                                                                           |                                       | 19. ELEV. CASINGHEAD<br>4365'                                                   |                                                                       |
| 20. TOTAL DEPTH, MD & TVD<br>4380                                                                                                                                                                                                             | 21. PLUG, BACK T.D., MD & TVD<br>4329 | 22. IF MULTIPLE COMPL., HOW MANY*<br>_____                                      | 23. INTERVALS DRILLED BY<br>ROTARY TOOLS<br>X<br>CABLE TOOLS<br>_____ |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>4125'-4294' SAN ANDRES                                                                                                                                       |                                       |                                                                                 | 25. WAS DIRECTIONAL SURVEY MADE<br>No                                 |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>GAMMA RAY, FORMATION DENSITY, LATEROLOG, MICROLATEROLOG                                                                                                                                               |                                       |                                                                                 | 27. WAS WELL CORED<br>No                                              |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                            |                                       |                                                                                 |                                                                       |
| CASING SIZE                                                                                                                                                                                                                                   | WEIGHT, LB./FT.                       | DEPTH SET (MD)                                                                  | HOLE SIZE                                                             |
| 7"                                                                                                                                                                                                                                            | 24                                    | 1825'                                                                           | 8 3/4"                                                                |
| 4 1/2"                                                                                                                                                                                                                                        | 9.5                                   | 4380'                                                                           | 6 1/4"                                                                |
|                                                                                                                                                                                                                                               |                                       | CEMENTING RECORD                                                                |                                                                       |
|                                                                                                                                                                                                                                               |                                       | 375 SX circulated                                                               |                                                                       |
|                                                                                                                                                                                                                                               |                                       | 330 SX                                                                          |                                                                       |
|                                                                                                                                                                                                                                               |                                       | AMOUNT PULLED                                                                   |                                                                       |
|                                                                                                                                                                                                                                               |                                       | None                                                                            |                                                                       |
|                                                                                                                                                                                                                                               |                                       | None                                                                            |                                                                       |
| 29. LINER RECORD                                                                                                                                                                                                                              |                                       |                                                                                 |                                                                       |
| SIZE                                                                                                                                                                                                                                          | TOP (MD)                              | BOTTOM (MD)                                                                     | SACKS CEMENT*                                                         |
|                                                                                                                                                                                                                                               |                                       |                                                                                 |                                                                       |
| 30. TUBING RECORD                                                                                                                                                                                                                             |                                       |                                                                                 |                                                                       |
| SIZE                                                                                                                                                                                                                                          | DEPTH SET (MD)                        | PACKER SET (MD)                                                                 |                                                                       |
| 2 3/8                                                                                                                                                                                                                                         | 4150 KB                               | 4078 KB                                                                         |                                                                       |
| (Packer Hung)                                                                                                                                                                                                                                 |                                       |                                                                                 |                                                                       |
| 31. PERFORATION RECORD (Interval, size and number)<br>ONE 3/8" HOLE AT 4125, 4177, 4183, 4244, 4249, 4252, 4259, 4267, 4273, 4281, 4285, 4294.                                                                                                |                                       |                                                                                 |                                                                       |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                                                |                                       |                                                                                 |                                                                       |
| DEPTH INTERVAL (MD)                                                                                                                                                                                                                           |                                       | AMOUNT AND KIND OF MATERIAL USED                                                |                                                                       |
| 4125'-4294'                                                                                                                                                                                                                                   |                                       | 2000 gals 15% NE ACID                                                           |                                                                       |
|                                                                                                                                                                                                                                               |                                       | 30,000 GALS CRUDE OIL                                                           |                                                                       |
|                                                                                                                                                                                                                                               |                                       | 45,000* 20-40 SAND                                                              |                                                                       |
| 33. PRODUCTION                                                                                                                                                                                                                                |                                       |                                                                                 |                                                                       |
| DATE FIRST PRODUCTION<br>6-15-66                                                                                                                                                                                                              |                                       | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>Flowing |                                                                       |
| WELL STATUS (Producing or shut-in)<br>PRODUCING                                                                                                                                                                                               |                                       |                                                                                 |                                                                       |
| DATE OF TEST<br>6-15-66                                                                                                                                                                                                                       | HOURS TESTED<br>4                     | CHOKER SIZE<br>36/64                                                            | PROD'N. FOR TEST PERIOD<br>→                                          |
| FLOW. TUBING PRESS.<br>30-60 psi                                                                                                                                                                                                              | CASING PRESSURE<br>800 psi            | CALCULATED 24-HOUR RATE<br>→                                                    | OIL—BBL.<br>282                                                       |
|                                                                                                                                                                                                                                               |                                       |                                                                                 | GAS—MCF.<br>168                                                       |
|                                                                                                                                                                                                                                               |                                       |                                                                                 | WATER—BBL.<br>21                                                      |
|                                                                                                                                                                                                                                               |                                       |                                                                                 | OIL GRAVITY-API (CORR.)<br>24                                         |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>VENTED                                                                                                                                                                          |                                       |                                                                                 | TEST WITNESSED BY<br>Owen Smith                                       |
| 35. LIST OF ATTACHMENTS                                                                                                                                                                                                                       |                                       |                                                                                 |                                                                       |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records                                                                                                             |                                       |                                                                                 |                                                                       |
| SIGNED C. F. Eaton                                                                                                                                                                                                                            |                                       | TITLE DISTRICT ENGINEER                                                         |                                                                       |
|                                                                                                                                                                                                                                               |                                       | DATE 6-16-66                                                                    |                                                                       |

\*(See Instructions and Spaces for Additional Data on Reverse Side)

[illegible][illegible]

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| LAND OFFICE            |            |
| TRANSPORTER            | OIL<br>GAS |
| OPERATOR               |            |
| PRORATION OFFICE       |            |

HOBBBS OFFICE O. C. C.  
NEW MEXICO OIL CONSERVATION COMMISSION  
REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

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

JUN 17 11 47 AM '66

I. **KERN COUNTY LAND COMPANY**  
Address  
**418 FIRST STATE BANK BLDG. MIDLAND, TEXAS**  
Reason(s) for filing (Check proper box)  
New Well ☒ Change in Transporter of:  
Improvement ☐ Oil ☐ Dry Gas ☐  
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐  
Other (Please explain)

If change of ownership give name  
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

|                                                                                                                                                                                                                              |                      |                                                               |                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------------------------------------------------|-------------------------------------------------------|
| Lease Name<br><b>FEDERAL 26</b>                                                                                                                                                                                              | Well No.<br><b>4</b> | Pool Name, including Formation<br><b>CHAUEROO- SAN ANDRES</b> | Kind of Lease<br>State, Federal or Fee <b>FEDERAL</b> |
| Location<br>Unit Letter <b>N</b> ; <b>660</b> Feet From The <b>SOUTH</b> Line and <b>1980</b> Feet From The <b>WEST</b><br>Line of Section <b>26</b> , Township <b>7 S</b> Range <b>33 E</b> , NMPM, <b>ROOSEVELT</b> County |                      |                                                               |                                                       |

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

|                                                                                                                                                 |                                                                                                                 |                                           |                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------|
| Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/><br><b>THE PERMIAN CORP.</b>    | Address (Give address to which approved copy of this form is to be sent)<br><b>P.O. Box 3119 MIDLAND, TEXAS</b> |                                           |                    |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/><br><b>CAPITAN, INC</b> | Address (Give address to which approved copy of this form is to be sent)<br><b>P.O. Box 19598 DALLAS, TEXAS</b> |                                           |                    |
| If well produces oil or liquids,<br>give location of tanks.                                                                                     | Unit<br><b>5</b>                                                                                                | Sec.<br><b>26</b>                         | Twp.<br><b>7-S</b> |
|                                                                                                                                                 | Range<br><b>33E</b>                                                                                             | Is gas actually connected? <b>NO</b> When |                    |

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

IV. COMPLETION DATA

|                                                                                             |                                                  |                                   |                                              |                                   |                                  |                                    |                          |
|---------------------------------------------------------------------------------------------|--------------------------------------------------|-----------------------------------|----------------------------------------------|-----------------------------------|----------------------------------|------------------------------------|--------------------------|
| Designate Type of Completion - (X)                                                          | Oil Well <input checked="" type="checkbox"/>     | Gas Well <input type="checkbox"/> | New Well <input checked="" type="checkbox"/> | Workover <input type="checkbox"/> | Deepen <input type="checkbox"/>  | Plug Back <input type="checkbox"/> | Same Res'v, Diff. Res'v. |
| Date Spudded<br><b>5-31-66</b>                                                              | Date Compl. Ready to Prod.<br><b>6-15-66</b>     |                                   | Total Depth<br><b>4380</b>                   |                                   | P.B.T.D.<br><b>4329</b>          |                                    |                          |
| Pool<br><b>CHAUEROO- SAN ANDRES</b>                                                         | Name of Producing Formation<br><b>SAN ANDRES</b> |                                   | Top Oil/Gas Pay<br><b>4125</b>               |                                   | Tubing Depth<br><b>4150</b>      |                                    |                          |
| Perforations <b>4125, 4177, 4183, 4244, 4249, 4252, 4259, 4267, 4273, 4281, 4285, 4294.</b> |                                                  |                                   |                                              |                                   | Depth Casing Shoe<br><b>4380</b> |                                    |                          |
| TUBING, CASING, AND CEMENTING RECORD                                                        |                                                  |                                   |                                              |                                   |                                  |                                    |                          |
| POLE SIZE                                                                                   | CASING & TUBING SIZE                             |                                   | DEPTH SET                                    |                                   | SACKS CEMENT                     |                                    |                          |
| <b>8 1/2"</b>                                                                               | <b>7" 24.5</b>                                   |                                   | <b>1815'</b>                                 |                                   | <b>215 SK Circulated</b>         |                                    |                          |
| <b>6 1/4"</b>                                                                               | <b>4 1/2" 9.5</b>                                |                                   | <b>4380'</b>                                 |                                   | <b>320 SK</b>                    |                                    |                          |
|                                                                                             | <b>2 1/8" 4.75</b>                               |                                   | <b>4150'</b>                                 |                                   |                                  |                                    |                          |

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<br><b>6-15-66</b> | Date of Test<br><b>6-15-66</b>      | Producing Method (Flow, pump, gas lift, etc.)<br><b>Flowing</b> |                             |
| Length of Test<br><b>4 hrs.</b>                   | Tubing Pressure<br><b>30-60 psi</b> | Casing Pressure<br><b>800 psi</b>                               | Choke Size<br><b>26/64"</b> |
| Actual Prod. During Test<br><b>50.5 B.</b>        | Oil-Bbls.<br><b>47</b>              | Water-Bbls.<br><b>3.5</b>                                       | Gas-MCF<br><b>22</b>        |

GAS WELL

|                                  |                 |                       |                       |
|----------------------------------|-----------------|-----------------------|-----------------------|
| Actual Prod. Test-MCF/D          | Length of Test  | Bbls. Condensate/MMCF | Gravity of Condensate |
| Testing Method (pitot, back pr.) | Tubing Pressure | Casing Pressure       | 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.

**C. F. Eaton**

(Signature)

**DISTRICT ENGINEER**

(Title)

OIL CONSERVATION COMMISSION

APPROVED \_\_\_\_\_, 19

BY \_\_\_\_\_

TITLE \_\_\_\_\_

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.

# DEVIATION SURVEYS

DEPTH

DEGREES OFF VERTICAL

500'  
615'  
1114'  
1554'  
1828'  
2335'  
2498'  
2797'  
3069'  
3436'  
3670'  
3867'  
4287'

1/4°  
1/4°  
1/2°  
3/4°  
3/4°  
3/4°  
3/4°  
1 1/4°  
3/4°  
1/4°  
0°  
1/4°  
3/4°

THE ABOVE ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

*C. F. Eaton*

DISTRICT ENGINEER

SWORN TO ME THIS DATE THE 16<sup>th</sup> OF JUNE, 1966

*Ronald E. Long*

PUBLIC

NOTARY, IN AND FOR MIDLAND COUNTY, TEXAS

MY COMMISSION EXPIRES 6-1-67