

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

|                                |                                         |
|--------------------------------|-----------------------------------------|
| 5a. Indicate Type of Lease     |                                         |
| State <input type="checkbox"/> | Fee <input checked="" type="checkbox"/> |
| 5. State Oil & Gas Lease No.   |                                         |

|                                                                                                                                                                                                                                                                                                                                 |  |                 |                                                                     |                         |  |                                  |  |                  |                                        |                                                     |  |                               |  |               |  |  |  |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------|---------------------------------------------------------------------|-------------------------|--|----------------------------------|--|------------------|----------------------------------------|-----------------------------------------------------|--|-------------------------------|--|---------------|--|--|--|--|--|
| 1a. TYPE OF WELL                                                                                                                                                                                                                                                                                                                |  |                 |                                                                     |                         |  |                                  |  |                  |                                        | 7. Unit Agreement Name                              |  |                               |  |               |  |  |  |  |  |
| b. TYPE OF COMPLETION                                                                                                                                                                                                                                                                                                           |  |                 |                                                                     |                         |  |                                  |  |                  |                                        | 8. Farm or Lease Name                               |  |                               |  |               |  |  |  |  |  |
| OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____<br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____ |  |                 |                                                                     |                         |  |                                  |  |                  |                                        | Fluor                                               |  |                               |  |               |  |  |  |  |  |
| 2. Name of Operator                                                                                                                                                                                                                                                                                                             |  |                 |                                                                     |                         |  |                                  |  |                  |                                        | 9. Well No.                                         |  |                               |  |               |  |  |  |  |  |
| Armer Oil Company                                                                                                                                                                                                                                                                                                               |  |                 |                                                                     |                         |  |                                  |  |                  |                                        | 2                                                   |  |                               |  |               |  |  |  |  |  |
| 3. Address of Operator                                                                                                                                                                                                                                                                                                          |  |                 |                                                                     |                         |  |                                  |  |                  |                                        | 10. Field and Pool, or Wildcat                      |  |                               |  |               |  |  |  |  |  |
| 2110 Continental National Bank Bldg., FtWorth, Tex 76102                                                                                                                                                                                                                                                                        |  |                 |                                                                     |                         |  |                                  |  |                  |                                        | Langlie Mattix SR                                   |  |                               |  |               |  |  |  |  |  |
| 4. Location of Well                                                                                                                                                                                                                                                                                                             |  |                 |                                                                     |                         |  |                                  |  |                  |                                        |                                                     |  |                               |  |               |  |  |  |  |  |
| UNIT LETTER <u>L</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM                                                                                                                                                                                                                               |  |                 |                                                                     |                         |  |                                  |  |                  |                                        |                                                     |  |                               |  |               |  |  |  |  |  |
| THE <u>West</u> LINE OF SEC. <u>35</u> TWP. <u>22S</u> RGE. <u>37E</u> NMPM                                                                                                                                                                                                                                                     |  |                 |                                                                     |                         |  |                                  |  |                  |                                        | 12. County                                          |  |                               |  |               |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                 |  |                 |                                                                     |                         |  |                                  |  |                  |                                        | <u>Lea</u>                                          |  |                               |  |               |  |  |  |  |  |
| 15. Date Spudded                                                                                                                                                                                                                                                                                                                |  |                 | 16. Date T.D. Reached                                               |                         |  | 17. Date Compl. (Ready to Prod.) |  |                  | 18. Elevations (DF, RKB, RT, GR, etc.) |                                                     |  | 19. Elev. Casinghead          |  |               |  |  |  |  |  |
| 9/4/73                                                                                                                                                                                                                                                                                                                          |  |                 | 9/4/73                                                              |                         |  | 9/20/73                          |  |                  | 3322' RKB                              |                                                     |  | 3313' (1' Above               |  |               |  |  |  |  |  |
| 20. Total Depth                                                                                                                                                                                                                                                                                                                 |  |                 | 21. Plug Back T.D.                                                  |                         |  | 22. If Multiple Compl., How Many |  |                  | 23. Intervals Drilled By               |                                                     |  | 24. Rotatory Tools            |  |               |  |  |  |  |  |
| 3638' KBM (Drill)                                                                                                                                                                                                                                                                                                               |  |                 | 3621' KBM                                                           |                         |  | -                                |  |                  | -                                      |                                                     |  | Cable Tools GR)               |  |               |  |  |  |  |  |
| 24. Producing Interval(s), of this completion - Top, Bottom, Name                                                                                                                                                                                                                                                               |  |                 |                                                                     |                         |  |                                  |  |                  |                                        | 25. Was Directional Survey Made                     |  |                               |  |               |  |  |  |  |  |
| 3596'-3614' Farrago Sand                                                                                                                                                                                                                                                                                                        |  |                 |                                                                     |                         |  |                                  |  |                  |                                        | No                                                  |  |                               |  |               |  |  |  |  |  |
| 26. Type Electric and Other Logs Run                                                                                                                                                                                                                                                                                            |  |                 |                                                                     |                         |  |                                  |  |                  |                                        | 27. Was Well Cored                                  |  |                               |  |               |  |  |  |  |  |
| Welex GR-Sidewall Neutron - Guard - Forxo                                                                                                                                                                                                                                                                                       |  |                 |                                                                     |                         |  |                                  |  |                  |                                        | No                                                  |  |                               |  |               |  |  |  |  |  |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                                                                                                              |  |                 |                                                                     |                         |  |                                  |  |                  |                                        |                                                     |  |                               |  |               |  |  |  |  |  |
| CASING SIZE                                                                                                                                                                                                                                                                                                                     |  | WEIGHT LB./FT.  |                                                                     | DEPTH SET               |  | HOLE SIZE                        |  | CEMENTING RECORD |                                        | AMOUNT PULLED                                       |  |                               |  |               |  |  |  |  |  |
| 8 5/8"                                                                                                                                                                                                                                                                                                                          |  | 20.5            |                                                                     | 395' KBM                |  | 11"                              |  | 175 sx.          |                                        | None                                                |  |                               |  |               |  |  |  |  |  |
| 5 1/2"                                                                                                                                                                                                                                                                                                                          |  | 15.5            |                                                                     | 3637' KBM               |  | 7 7/8"                           |  | 350 sx.          |                                        | None                                                |  |                               |  |               |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                 |  |                 |                                                                     |                         |  |                                  |  |                  |                                        |                                                     |  |                               |  |               |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                 |  |                 |                                                                     |                         |  |                                  |  |                  |                                        |                                                     |  |                               |  |               |  |  |  |  |  |
| 29. LINER RECORD                                                                                                                                                                                                                                                                                                                |  |                 |                                                                     |                         |  |                                  |  |                  |                                        | 30. TUBING RECORD                                   |  |                               |  |               |  |  |  |  |  |
| SIZE                                                                                                                                                                                                                                                                                                                            |  | TOP             |                                                                     | BOTTOM                  |  | SACKS CEMENT                     |  | SCREEN           |                                        | SIZE                                                |  | DEPTH SET                     |  | PACKER SET    |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                 |  |                 |                                                                     |                         |  |                                  |  |                  |                                        | 2 3/8" OD                                           |  | 3592' GR                      |  | None          |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                 |  |                 |                                                                     |                         |  |                                  |  |                  |                                        |                                                     |  |                               |  |               |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                 |  |                 |                                                                     |                         |  |                                  |  |                  |                                        |                                                     |  |                               |  |               |  |  |  |  |  |
| 31. Perforation Record (Interval, size and number)                                                                                                                                                                                                                                                                              |  |                 |                                                                     |                         |  |                                  |  |                  |                                        | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.      |  |                               |  |               |  |  |  |  |  |
| 3596'-3614' (1-2.37" holes)                                                                                                                                                                                                                                                                                                     |  |                 |                                                                     |                         |  |                                  |  |                  |                                        | DEPTH INTERVAL                                      |  | AMOUNT AND KIND MATERIAL USED |  |               |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                 |  |                 |                                                                     |                         |  |                                  |  |                  |                                        | 3596-3614'                                          |  | 1500 gal 15% DS-30            |  |               |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                 |  |                 |                                                                     |                         |  |                                  |  |                  |                                        | 3596-1314'                                          |  | 12,000 gal Gelled KCL Wtr     |  |               |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                 |  |                 |                                                                     |                         |  |                                  |  |                  |                                        |                                                     |  | 1,000 gal Sand                |  |               |  |  |  |  |  |
| 33. PRODUCTION                                                                                                                                                                                                                                                                                                                  |  |                 |                                                                     |                         |  |                                  |  |                  |                                        |                                                     |  |                               |  |               |  |  |  |  |  |
| Date First Production                                                                                                                                                                                                                                                                                                           |  |                 | Production Method (Flowing, gas lift, pumping - Size and type pump) |                         |  |                                  |  |                  |                                        | Well Status (Prod. or Shut-in)                      |  |                               |  |               |  |  |  |  |  |
| 9/22/73                                                                                                                                                                                                                                                                                                                         |  |                 | Pumping                                                             |                         |  |                                  |  |                  |                                        | Prod.                                               |  |                               |  |               |  |  |  |  |  |
| Date of Test                                                                                                                                                                                                                                                                                                                    |  | Hours Tested    |                                                                     | Choke Size              |  | Prod'n. For Test Period          |  | Oil - Bbl.       |                                        | Gas - MCF                                           |  | Water - Bbl.                  |  | Gas-Oil Ratio |  |  |  |  |  |
| 9/22/73                                                                                                                                                                                                                                                                                                                         |  | 15              |                                                                     | 20/64"                  |  | →                                |  | 60               |                                        | 97                                                  |  | 10                            |  | 1617          |  |  |  |  |  |
| Flow Tubing Press.                                                                                                                                                                                                                                                                                                              |  | Casing Pressure |                                                                     | Calculated 24-Hour Rate |  | Oil - Bbl.                       |  | Gas - MCF        |                                        | Water - Bbl.                                        |  | Oil Gravity - API (Corr.)     |  |               |  |  |  |  |  |
| 20 psi                                                                                                                                                                                                                                                                                                                          |  | 50 psi          |                                                                     | →                       |  | 96                               |  | 155              |                                        | 14.5                                                |  | 33° API                       |  |               |  |  |  |  |  |
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)                                                                                                                                                                                                                                                                      |  |                 |                                                                     |                         |  |                                  |  |                  |                                        | Test Witnessed By                                   |  |                               |  |               |  |  |  |  |  |
| Vented (vented gas to be sold)                                                                                                                                                                                                                                                                                                  |  |                 |                                                                     |                         |  |                                  |  |                  |                                        | Chandler Haggard                                    |  |                               |  |               |  |  |  |  |  |
| 35. List of Attachments                                                                                                                                                                                                                                                                                                         |  |                 |                                                                     |                         |  |                                  |  |                  |                                        |                                                     |  |                               |  |               |  |  |  |  |  |
| WEK Drilling Co. Inc., Deviation Survey & Welex GR-Sidewall Neutron Log                                                                                                                                                                                                                                                         |  |                 |                                                                     |                         |  |                                  |  |                  |                                        |                                                     |  |                               |  |               |  |  |  |  |  |
| 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 <u>Ch Suly</u>                                                                                                                                                                                                                                                                                                           |  |                 |                                                                     |                         |  |                                  |  |                  |                                        | TITLE <u>Production Manager</u> DATE <u>9/27/73</u> |  |                               |  |               |  |  |  |  |  |

# 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 <u>1170'</u>     | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Salt <u>1266'</u>     | T. Strawn _____        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| B. Salt <u>2487'</u>     | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Yates <u>2622'</u>    | T. Miss _____          | T. Cliff House _____        | T. Leadville _____     |
| T. 7 Rivers <u>2770'</u> | T. Devonian _____      | T. Menefee _____            | T. Madison _____       |
| T. Queen <u>3160'</u>    | 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. Blinberry _____       | T. Gr. Wash _____      | T. Morrison _____           | T. _____               |
| T. Tubb _____            | T. Granite _____       | T. Todilto _____            | T. _____               |
| T. Drinkard _____        | 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 |
|------|------|----------------------|-------------------------------|------|----|----------------------|-----------|
| 1170 | 1266 | 94                   | Anhydrite                     |      |    |                      |           |
| 1266 | 2487 | 1221                 | Salt w/Anhydrite Stringers    |      |    |                      |           |
| 2487 | 2622 | 135                  | Sdy Dolomite & Anhydrite      |      |    |                      |           |
| 2622 | 2770 | 148                  | Dolomite, Anhydrite, & O      |      |    |                      |           |
|      |      |                      | Sand Stringers (Seven Rivers) |      |    |                      |           |
| 3160 | 3560 | 400                  | Sdy. Dolomite, Anhydrite and  |      |    |                      |           |
|      |      |                      | sand stringers (Queen)        |      |    |                      |           |
| 3560 | 3638 | 78                   | Sand w/Dolomite &             |      |    |                      |           |
|      |      |                      | Anhydrite (Penrose Sand)      |      |    |                      |           |



KENNETH D. REYNOLDS - ARTESIA  
LESLIE K. EVERTSON - ROSWELL

DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

P. O. Box 2055 ROSWELL, NEW MEXICO 88201  
TELEPHONES: ARTESIA 746-6757  
ROSWELL 623-5070

September 10, 1973

Armer Oil Company  
2110 Continental National Bk. Bldg.  
Ft. Worth, Texas

Re: Fluor #2

Gentlemen:

The following is a Deviation Survey of the above well:

|       |   |                |
|-------|---|----------------|
| 400'  | - | $\frac{1}{2}$  |
| 870'  | - | $\frac{3}{4}$  |
| 1350' | - | $1\frac{1}{2}$ |
| 1845' | - | $1\frac{3}{4}$ |
| 2330' | - | 2              |
| 2659' | - | $2\frac{1}{2}$ |
| 3120' | - | $1\frac{1}{4}$ |
| 3493' | - | $1\frac{1}{4}$ |
| 3638' | - | 1              |

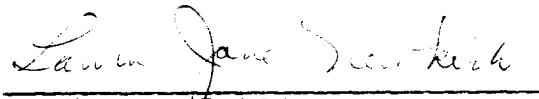
Yours very truly,

WEK DRILLING CO., INC.

  
Kenneth D. Reynolds

STATE OF NEW MEXICO }  
COUNTY OF CHAVES }

The foregoing was acknowledged before me this 10<sup>th</sup>  
day of September 1973, by Kenneth D. Reynolds.

  
Notary Public

My Commission Expires:

8/10/77