

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on
reverse side)Form approved.
Budget Bureau No. 42-R855.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. LC-029342(d)	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESV. <input type="checkbox"/> Other <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME --	
2. NAME OF OPERATOR Armer Oil Company		7. UNIT AGREEMENT NAME --	
3. ADDRESS OF OPERATOR 2110 Continental National Bank Bldg. Ft. Worth, Texas 76102		8. FARM OR LEASE NAME Marco Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 330' FNL and 1980' FEL Section 9-T17S-R30E At top prod. interval reported below same At total depth same		9. WELL NO. 6	
14. PERMIT NO. --		12. COUNTY OR PARISH Eddy	
DATE ISSUED 12/10/74		13. STATE New Mexico	
15. DATE SPUDDED 1/4/75	16. DATE T.D. REACHED 1/9/75	17. DATE COMPL. (Ready to prod.) 1/24/75	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3713' GR 3723' RKB
19. ELEV. CASINGHEAD 3715'		20. TOTAL DEPTH, MD & TVD 3100' RKB	
21. PLUG, BACK T.D., MD & TVD 3067' RKB		22. IF MULTIPLE COMPL., HOW MANY* --	
23. INTERVALS DRILLED BY --		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2717-3043' RKB overall, Grayburg-San Andres - Sidewall Neutron Log measurement	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN Welex GR-Sidewall Neutron	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
Casing Size		Weight, lb./ft.	
8-5/8" OD		20#	
4-1/2" OD		10.5# & 11.6#	
Depth Set (MD)		Hole Size	
492' RKB		11"	
3099' RKB		7-7/8"	
Cementing Record		Amount Pulled	
100 sacks Class C		None	
500 sacks Class H		None	
Top cement 1840'			
29. LINER RECORD		30. TUBING RECORD	
Size		Size	
TOP (MD)		DEPTH SET (MD)	
BOTTOM (MD)		PACKER SET (MD)	
Sacks Cement*		Screen (MD)	
2-3/8" OD		3060' RKB	
None			
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
2717-25' w/17 - 0.40" holes (overall)		DEPTH INTERVAL (MD)	
2798-2810' w/25 - 0.40" holes (overall)		AMOUNT AND KIND OF MATERIAL USED	
2832-38' w/13 - 0.40" holes (overall)		500 gals acid & frac w/30,000 gelled KCl wtr w/30,000# sand.	
2902-10' w/17 - 0.40" holes (overall)		Same	
3032-36' w/5 - 0.40" holes (overall)		500 gals acid & frac w/40,000 gelled KCl wtr w/30,000# sand.	
3038-43' w/11 - 0.40" holes (overall)		500 gals acid & frac w/30,000 gelled KCl wtr w/37,000# sand.	
33. PRODUCTION		WELL STATUS (Producing or shut-in)	
DATE FIRST PRODUCTION 1/28/75		Producing	
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping w/2" x 1-1/2" x 12' Insert Pump			
DATE OF TEST 2/9/75		HOURS TESTED 24	
CHOKE SIZE None		PROD'N. FOR TEST PERIOD --	
OIL—BBL. 33		GAS—MCF. 75 (est.)	
WATER—BBL. 30 (frac)		GAS-OIL RATIO 2273:1 (est.)	
FLOW. TUBING PRESS. Pumping		CASING PRESSURE 20 psi	
CALCULATED 24-HOUR RATE --		OIL—BBL. 33	
GAS—MCF. 75 (est.)		WATER—BBL. 30 (frac)	
OIL GRAVITY-API (CORR.) 38° API		TEST WITNESSED BY R. C. Waters	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold to Continental Oil Company			
35. LIST OF ATTACHMENTS WEK Drilling Company, Inc. Deviation Survey & Welex GR-Sidewall Neutron log (to be furnished when released)			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records when released			
SIGNED C.W. Jumborff		TITLE Agent	
DATE 3/3/75			

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 83, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; COARSE INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Metex Sand -Grayburg	2717'	2725'	Gas and/or Oil.	Queen (Red) Sand	2194'	
Upper Premier Sand-Grayburg	2798'	2810'	Oil.	Grayburg	2400'	
	2832'	2838'	Oil.	San Andres	2917'	
Lower Premier Sand-Grayburg	2902'	2910'	Oil.			
Lowerton Sand-Sl. Andres	3032'	3036'	Oil.			
	3038'	3043'	Oil.			
All tops from Welex GR-Sidewall Neutron Log.						



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

January 13, 1975

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

Re: Arco Fed #6

Gentlemen:

the following is a Deviation Survey of the above well:

500' - $\frac{1}{2}$
970' - $\frac{3}{4}$
1420' - $1\frac{1}{2}$
1910' - $1\frac{1}{2}$
2200' - $1\frac{1}{4}$
2670' - 1
2990' - 1
3100' - 1

RECEIVED

MAR - 6 1975

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

Yours very truly,

WEK DRILLING CO., INC.

Kenneth D. Reynolds

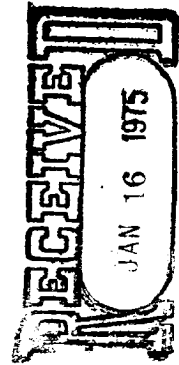
STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 13th
day of January, 1975, by Kenneth D. Reynolds.

Notary Public

My Commission Expires:

8/10/77



ARMOUR OIL COMPANY