

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____				5. LEASE DESIGNATION AND SERIAL NO. USA NM 13418	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESRV. ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME --	
2. NAME OF OPERATOR Flag-Redfern Oil Company				7. UNIT AGREEMENT NAME --	
3. ADDRESS OF OPERATOR P.O. Box 23 Midland, TX 79702				8. FARM OR LEASE NAME Amoco-Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FWL & 660' FSL At top prod. interval reported below Same At total depth Same				9. WELL NO. 3	
14. PERMIT NO. _____ DATE ISSUED 4-20-78				10. FIELD AND POOL, OR WILDCAT Tom-Tom San Andres	
15. DATE SPUDDED 5-15-78 16. DATE T.D. REACHED 5-22-78 17. DATE COMPL. (Ready to prod.) 6-8-78, 18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* 4364 GL 19. ELEV. CASINGHEAD 4364'				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 26, T-7-S, R-31-E	
20. TOTAL DEPTH, MD & TVD 4100 21. PLUG, BACK T.D., MD & TVD 4085 22. IF MULTIPLE COMPL., HOW MANY* -- 23. INTERVALS DRILLED BY 4100 ROTARY TOOLS 4100 CABLE TOOLS -0-				12. COUNTY OR PARISH Chaves 13. STATE NM	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3966-4003 MD & TVD San Andres				25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Laterolog Sidewall Neutron Porosity				27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	23#	1606	11"	550 sx. Hallite	
				200 sx. Class C	
4-1/2"	9.5#	4100	7-7/8"	250 sx. Pozmix	
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
None					
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
2-3/8"	4006'	None			
31. PERFORATION RECORD (Interval, size and number) 3966, 67, 68, 72, 73, 74, 87, 88, 89, 93, 94, 95, 4001, 02, & 03.			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED		
3966-4003'			500 gals. NE Acid		
33.* PRODUCTION					
DATE FIRST PRODUCTION 6-4-78		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pump 2" x 1-1/2" x 16'			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 6-8-78	HOURS TESTED 24	CHOKE SIZE ---	PROD'N. FOR TEST PERIOD 79	OIL—BBL. 27	GAS—MCF. 1
FLOW. TUBING PRESS. --	CASING PRESSURE --	CALCULATED 24-HOUR RATE 79	OIL—BBL. 27	GAS—MCF. 1	WATER—BBL. 22.7°
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented					TEST WITNESSED BY S. Rossler
35. LIST OF ATTACHMENTS Logs & notarized Deviation Survey					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED [Signature]		TITLE Petroleum Engineer		DATE 6-8-78	

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JUN 2 1978

U.S. DEPARTMENT OF JUSTICE

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JUN 20 1978
O. C. C.
ARTESIA, OFFICE

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 33, 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 19: 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.

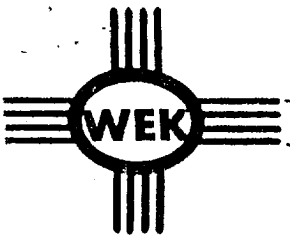
Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

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: CORED 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.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
San Andres P-2 Porosity	3960	4050	Oil, gas, & water	Redbeds	458'	458'
				Rustler	1598'	1598'
				Anydrite	1708'	1708'
				Salt	2075'	2075'
				Yates	2150'	2150'
				Seven Rivers	2556'	2556'
				Queen	3179'	3179'
				San Andres	3730'	3730'
				PI Zone	3960'	3960'
				S.A. P-2 Zone	4084'	4084'
				S.A. P-3 Zone		



DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

P. O. Box 2055 ROSWELL, NEW MEXICO 88201
TELEPHONES: ARTESIA 505/746-6757
ROSWELL 505/623-5070

May 26, 1978

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JUN 12 1978

U.S. GEOLOGICAL SURVEY
FEDERAL BUREAU OF INVESTIGATION

Flag - Redfern Oil Co.
Box 23
Midland, Texas 79702

Re: Amoco Federal #3

Gentlemen:

The following is a Deviation Survey of the above well:

485' - 1/4°	3020' - 1 3/4°
908' - 1/4°	3182' - 1 3/4°
1398' - 3/4°	3600' - 1 1/2°
1615' - 3/4°	3700' - 1 1/2°
2100' - 1 1/4°	4100' - 1° T.D.
2560' - 2°	

Yours very truly,

WEK DRILLING CO., INC.

Arnold Newkirk
Arnold Newkirk

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 26th day
of May, 1978 by Arnold Newkirk.

My Commission Expires:

April 9, 1980

Glenda Bea Newton
Notary Public