

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions 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. 15677	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ 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, Texas 79701		8. FARM OR LEASE NAME Hahn Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FWL & 660' FSL At top prod. interval reported below Same At total depth Same		9. WELL NO. 1	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Tom-Tom (San Andres)	
DATE ISSUED 1-13-75		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 27, T-7-S, R-31-E	
15. DATE SPUDDED 3-6-75		12. COUNTY OR PARISH Chaves	
16. DATE T.D. REACHED 3-17-75		13. STATE New Mexico	
17. DATE COMPL. (Ready to prod.) 4-15-75		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4346' GR	
19. ELEV. CASINGHEAD 4346'		20. TOTAL DEPTH, MD & TVD 4080'	
21. PLUG, BACK T.D., MD & TVD 4060'		22. IF MULTIPLE COMPL., HOW MANY* -	
23. INTERVALS DRILLED BY ROTARY TOOLS 0 - 4080'		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3919-4034' (San Andres)	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN Schlumberger - Gamma Ray-SNP, Dual Laterolog	
27. WAS WELL CORED Yes		28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.	
8-5/8"		24#	
4-1/2"		10.6#	
DEPTH SET (MD)		HOLE SIZE	
385'		12-1/4"	
4080'		7-7/8"	
CEMENTING RECORD		AMOUNT PULLED	
250 sx C1 "C", 2% CaCl		None	
250 sx C1 "C" Poz w/2% gel, 3/4% CFR-2 & 8# salt per sack		None	
29. LINER RECORD		30. TUBING RECORD	
SIZE		TOP (MD)	
BOTTOM (MD)		SACKS CEMENT*	
SCREEN (MD)		SIZE	
DEPTH SET (MD)		PACKER SET (MD)	
2-3/8"		4046'	
None			
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
3919-3971, 0.44, 16		DEPTH INTERVAL (MD)	
4028-4034, 0.44, 12		3919-3971'	
		4028-4034'	
		AMOUNT AND KIND OF MATERIAL USED	
		2500 gals 20%, 2500 gals 15%	
		1000 gals 20%, 2000 gals 15%	
33.* PRODUCTION		WELL STATUS (Producing or shut-in)	
DATE FIRST PRODUCTION 4-15-75		Producing	
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pump - 2" X 1 1/2" X 12' Insert			
DATE OF TEST 4-21-75		HOURS TESTED 24	
CHOKE SIZE -		PROD'N. FOR TEST PERIOD 52	
OIL—BBL. 52		GAS—MCF. 21.1	
WATER—BBL. 35		GAS-OIL RATIO 406	
OIL GRAVITY-API (CORR.) 19.4°			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented		35. LIST OF ATTACHMENTS Gamma Ray-SNP & Dual Laterolog, 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 4-29-75			

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

RECEIVED
MAY - 2/1975
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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 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; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				GEOLOGIC MARKERS		TRUE VERT. DEPTH	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
San Andres	3916	4038	Oil, Gas, Water	Yates	1990		1990
Cored	3916	4036		San Andres	3124		3124
San Andres				Pi Zone	3678		3678
				Porosity	3916		3916