

NMOC

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 16637	
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, TX 79702						8. FARM OR LEASE NAME Hahn Federal "A"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FEL and 1980' FNL At top prod. interval reported below Same At total depth Same						9. WELL NO. No. 1	
14. PERMIT NO. _____ DATE ISSUED 1-19-79						10. FIELD AND POOL, OR WILDCAT Tom Tom San Andres	
15. DATE SPUDDED 3-22-79 16. DATE T.D. REACHED 3-29-79 17. DATE COMPL. (Ready to prod.) 4-17-79 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4368 CL 19. ELEV. CASINGHEAD 4369'						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 27, T-7-S, R-31-E	
20. TOTAL DEPTH, MD & TVD 4100 TD 21. PLUG, BACK T.D., MD & TVD 4085 22. IF MULTIPLE COMPL., HOW MANY* --- 23. INTERVALS DRILLED BY --- ROTARY TOOLS 4100 CABLE TOOLS 0						12. COUNTY OR PARISH Chaves	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3940 - 4007' San Andres						13. STATE New Mexico	
25. WAS DIRECTIONAL SURVEY MADE No						26. TYPE ELECTRIC AND OTHER LOGS RUN 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"		24#	1590	12-1/4"	500 sx. Hall-Lite	None	
4-1/2"		10.5#	4100	7-7/8"	250 sx. Pozmix	None	
29. LINER RECORD						30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2-3/8"	3850'	None
31. PERFORATION RECORD (Interval, size and number) Total 17 holes .44 -1 selectfire jet/ per ft. 3940,41,48,49,61,62,67,68,75, 80,87,89,93,97,4003,06,07.				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
3850				5000 gals. 20% NE acid.			
33.* PRODUCTION							
DATE FIRST PRODUCTION 4-1-79		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Insert Pump 2" x 1-1/4" x 12'				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 4-17-79	HOURS TESTED 24	CHOKE SIZE None	PROD'N. FOR TEST PERIOD ---	OIL—BBL. 21	GAS—MCF. 8	WATER—BBL. 5	GAS-OIL RATIO 380.9
FLOW. TUBING PRESS. ---	CASING PRESSURE ---	CALCULATED 24-HOUR RATE ---	OIL—BBL. 21	GAS—MCF. 8	WATER—BBL. 5	24.1	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented						TEST WITNESSED BY MAY 2 1979	
35. LIST OF ATTACHMENTS Deviation Survey and log							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available data.							
SIGNED 		TITLE Petroleum Engineer				DATE 4-27-79	

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

*(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 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: "Nacks 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			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
San Andres	3940	4026	Oil, Gas & Water	Rustler Anhydrite	1532'	1532'
				Top of Salt	1565'	1565'
				Base of Salt	2013'	2013'
				Yates	2025'	2025'
				Seven Rivers	2173'	2173'
				Queen	2526'	2526'
				San Andres	3150'	3150'
				San Andres PI Zone	3706'	3706'
				San Andres Porosity	3940'	3940'