

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 15677																															
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME RECEIVED																															
2. NAME OF OPERATOR Flag-Redfern Oil Company		7. UNIT AGREEMENT NAME APR 07 1981																															
3. ADDRESS OF OPERATOR P.O. Box 2280, Midland TX 79702		8. FARM OR LEASE NAME Hahn Federal O. C. D.																															
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 990' FWL & 330' FSL At top prod. interval reported below Same At total depth Same		9. WELL NO. 7 ARTESIA, OFFICE																															
14. PERMIT NO. ----		DATE ISSUED 11-21-80																															
15. DATE SPUDDED 2-28-21		16. DATE T.D. REACHED 3-8-81																															
17. DATE COMPL. (Ready to prod.) 3-18-81		18. ELEVATIONS (DF, REB, RT, GR, ETC.) 4339 GR																															
20. TOTAL DEPTH, MD & TVD 4105		21. PLUG, BACK T.D., MD & TVD 4084																															
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS 0-TD																															
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) P-2 (San Andres) 3893-3962		25. WAS DIRECTIONAL SURVEY MADE No																															
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-SNP		27. WAS WELL CORED No																															
28. CASING RECORD (Report all strings) <table border="1"><thead><tr><th>CASING SIZE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>8 5/8"</td><td>24</td><td>1473</td><td>12 1/2"</td><td>550 sx Hall. Light, 1/4#</td><td>Flocele</td></tr><tr><td>4 1/2"</td><td>10.5</td><td>4105</td><td>7 7/8"</td><td>8# Salt, 200 sx CL "C",</td><td>2% gel</td></tr><tr><td></td><td></td><td></td><td></td><td>250 sx 50-50 Poz H, 2%</td><td>gel</td></tr><tr><td></td><td></td><td></td><td></td><td>75% CFR-2</td><td></td></tr></tbody></table>				CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	8 5/8"	24	1473	12 1/2"	550 sx Hall. Light, 1/4#	Flocele	4 1/2"	10.5	4105	7 7/8"	8# Salt, 200 sx CL "C",	2% gel					250 sx 50-50 Poz H, 2%	gel					75% CFR-2	
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31. PERFORATION RECORD (Interval, size and number) Perg 4 1/2" csg w/ 1 shot per interval Total 30 holes.																																	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. <table border="1"><thead><tr><th>DEPTH INTERVAL (MD)</th><th>AMOUNT AND KIND OF MATERIAL USED</th></tr></thead><tbody><tr><td>3893-3962</td><td>Acidized w/ 6000 gals 20% HCL acid.</td></tr></tbody></table>				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	3893-3962	Acidized w/ 6000 gals 20% HCL acid.																										
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34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold																																	
35. LIST OF ATTACHMENTS GR-SNP log, Deviation Affidavite																																	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																																	
SIGNED [Signature]		TITLE Engineer																															
DATE 3-24-81		TEST WITNESSED BY Mr. R.A. Cox																															

*(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 of 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; CORRELATE 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
P-2 (San Andres)	3893	3962	Fractured dolomitic limestone containing oil and gas	Anhydrite	1340	
				Salt	1525	
				San Andres	3495	

38. GEOLOGIC MARKERS

RECEIVED

APR 13 1981

OIL CONSERVATION DIV.