

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. NM-0103893	
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 Allied 93	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FNL & 660' FWL of Sec. 24, T-9-S, R-37-E. At top prod. interval reported below Same At total depth Same		9. WELL NO. 1	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Sawyer	
DATE ISSUED		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 24, T-9-S, R-37-E	
15. DATE SPUDDED 12-5-72		12. COUNTY OR PARISH Lea	
16. DATE T.D. REACHED 12-15-72		13. STATE New Mexico	
17. DATE COMPL. (Ready to prod.) 1-3-73		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3978' GR	
19. ELEV. CASINGHEAD 3978'		20. TOTAL DEPTH, MD & TVD 5072'	
21. PLUG, BACK T.D., MD & TVD 5047'		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)* San Andres - Top-4939 Bottom-5031	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN Sidewall Neutron Porosity & Laterolog	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
CASING SIZE 8 5/8		WEIGHT, LB./FT. 24-J-55	
DEPTH SET (MD) 360		HOLE SIZE 12 1/4	
CEMENTING RECORD 250 sx. class H, 2% Calc Cement circulated 250 sx Class C, 2% gel, 0.75% CFR-2&8 lb salt per sack.		AMOUNT PULLED	
4 1/2		9.5 - J-55	
5071		7 7/8"	
29. LINER RECORD		30. TUBING RECORD	
SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD)		SIZE DEPTH SET (MD) PACKER SET (MD)	
2		3 3/8"	
5039'		None	
31. PERFORATION RECORD (Interval, size and number) 4939, 46, 55, 62, 88, 91, 99, 5021, 25, 26, 31. 11 - 3/8" selectfire jets.		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
4939 to 5031		4500 gal 15% Unisol & 4500 gal 7 1/2% Unisol.	
4939 to 5031		3000 gal Par-A-Clean	
33.* PRODUCTION		34. DISPOSITION OF GAS (Solid, used for fuel, vented, etc.) Vented	
DATE FIRST PRODUCTION 1-4-73		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - 2" x 1 1/2" x 12' Insert	
WELL STATUS (Producing or shut-in) Producing		35. LIST OF ATTACHMENTS Well Logs & Deviation Survey.	
DATE OF TEST 1-17-73		HOURS TESTED 24	
CHOKE SIZE -		PROD'N. FOR TEST PERIOD 9	
OIL—BBL. 9		GAS—MCF. 167	
WATER—BBL. 7		GAS-OIL RATIO 18.555	
FLOW. TUBING PRESS. -		CASING PRESSURE -	
CALCULATED 24-HOUR RATE 9		OIL GRAVITY-API (CORR.) 23.1	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		TEST WITNESSED BY	
SIGNED <u>Bryan H. Green</u> TITLE <u>Production Manager</u>		DATE <u>1-22-73</u>	

*(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: "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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
San Andres	4939	5031	Oil, Gas, Water.	Yates		
				San Andres		

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
 Supersedes C-128
 Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator Flag-Redfern Oil Company			Lease Allied 93		Well No. 1
Unit Letter D	Section 24	Township 9-S	Range 37-E	County Lea	
Actual Footage Location of Well: 660 feet from the North line and 660 feet from the West line					
Ground Level Elev. 3978	Producing Formation San Andres		Pool Sawyer		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☒ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

	CERTIFICATION
	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
	Name <u><i>Byron H. Green</i></u> Position _____ Production Manager
	Company Flag-Redfern Oil Company
	Date <u><i>11-21-72</i></u>
	I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.
	Date Surveyed <u><i>11-8-72</i></u>
	Registered Professional Engineer and/or Land Surveyor <u><i>[Signature]</i></u> Certificate No. <u><i>754</i></u>