

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>				5. LEASE DESIGNATION AND SERIAL NO. NM-03605	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR William C. Russell				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 1775 Broadway New York, N. Y. 10019				8. FARM OR LEASE NAME Marron	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1850 FNL - 1190 FWL At top prod. interval reported below -same- At total depth -same-				9. WELL NO. 46-A	
14. PERMIT NO. _____ DATE ISSUED JUN 12 1975				10. FIELD AND POOL, OR WILDCAT Blanco Mesa Verde	
15. DATE SPUDDED 4-23-75 16. DATE T.D. REACHED 4-30-75 17. DATE COMPL. (Ready to prod.) 5-20-75 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5937 GR 19. ELEV. CASINGHEAD 5940				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 23 T27N, R8W, NMPM	
20. TOTAL DEPTH, MD & TVD 4600 21. PLUG, BACK T.D., MD & TVD - 22. IF MULTIPLE COMPL., HOW MANY* single 23. INTERVALS DRILLED BY rotary ROTARY TOOLS - CABLE TOOLS -				12. COUNTY OR PARISH San Juan 13. STATE N.M.	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Cliff House 3750-3800, Point Lookout 4390-4505				25. WAS DIRECTIONAL SURVEY MADE yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray - Bond Log				27. WAS WELL CORED no	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	AMOUNT PULLED	
8 5/8	24#	223	12 1/4	-	
4 1/2	10.50#	4596	7 7/8	-	
(600 sacks thru DV tool at 2283 and 300 sacks thru shoe) (circulated cement to surface)					
29. LINER RECORD				30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	PACKER SET (MD)
31. PERFORATION RECORD (Interval, size and number) Welex strip jet 3750-3800 & 4390-4420 1 per 2 ft. 4420-4480 1 per ft. 4485-4505 1 per 2 ft. (110 holes)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED displaced 500 gals 15% MCA to TD 200,000 gals water (all perms 160,000# sand dropped balls)	
33.* PRODUCTION					
DATE FIRST PRODUCTION shut-in		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) gas well		WELL STATUS (Producing or shut-in) shut-in	
DATE OF TEST 6-2-75	HOURS TESTED 3	CHOKE SIZE 3/4	PROD'N. FOR TEST PERIOD →	OIL—BBL. 2,006	GAS—MCF. 2,006
WATER—BBL. 130	GAS—OIL RATIO 513	OIL GRAVITY-API (CORR.)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) vented				TEST WITNESSED BY R. Dintelman	
35. LIST OF ATTACHMENTS Hole Deviation Affidavit and Open Flow Test Data					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED William C. Russell		TITLE Operator		DATE 6-9-75	

*(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	TOP MEAS. DEPTH TRUE VERT. DEPTH	
Ojo Alamo	300	1500	flowing water sand			
Pictured Cliffs	2100	2200	gas sand			
Cliff House	3750	3800	gas sand			
Pt. Lookout	4390	4505	gas sand			
			(600 sacks pozmix cement, 12½# gilsonite for sack, thru DV tool at 2283, circulated to surface, killed water flow)			