

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 ☐		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other ☐
2. NAME OF OPERATOR						5. LEASE DESIGNATION AND SERIAL NO.	
H. R. Denius, et al						N.M. 04242	
3. ADDRESS OF OPERATOR						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
P. O. Box 565 Artesia, New Mexico						X	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						7. UNIT AGREEMENT NAME	
At surface 2310 FSL & FEL						X	
At top prod. interval reported below X						8. FARM OR LEASE NAME	
At total depth X						Cockburn Federal	
14. PERMIT NO. X						9. WELL NO.	
DATE ISSUED X						10	
15. DATE SPUDDED 9/2/65						10. FIELD AND POOL, OR WILDCAT	
16. DATE T.D. REACHED 9/17/65						Maljamar	
17. DATE COMPL. (Ready to prod.) 9/23/65						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4121 K.B.						33-T178-R33E NMPM	
19. ELEV. CASINGHEAD 4113						12. COUNTY OR PARISH	
20. TOTAL DEPTH, MD & TVD 4695						13. STATE	
21. PLUG BACK T.D., MD & TVD 4680							
22. IF MULTIPLE COMPL., HOW MANY*							
23. INTERVALS DRILLED BY →						ROTARY TOOLS 0-4695	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						CABLE TOOLS	
4604 to 4644 Premier Sand Grayburg						25. WAS DIRECTIONAL SURVEY MADE	
26. TYPE ELECTRIC AND OTHER LOGS RUN						N	
Sonic & Gamma Ray						27. WAS WELL CORED	
28. CASING RECORD (Report all strings set in well)						No	
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
8 5/8	24	289	11	200 sx.		None	
5 1/2	14	4693	7 7/8	300 sx.		None	
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
X							
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
4 - 1/2" holes @ 4638				DEPTH INTERVAL (MD)			
4 - 1/2" holes @ 4641				4638 - 4641			
				AMOUNT AND KIND OF MATERIAL USED			
				20,000 gal lease crude			
				XXXXXXXXXXXXXXXXXX			
				XXXXXXXXXX			
				20,000 # sand Fracture			
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
Sept. 23, 1965		Flowing				Producing	
DACTEST	FLOWTEST	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
Oct. 1, 1965	24	open	→	36	3.38	9	938
FLOWING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
20	480	→	36	3.38	9	37	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
Sold						John O'Brien	
35. LIST OF ATTACHMENTS							
Electric Logs; Sonic & Gamma Ray							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED		TITLE		DATE			
John O'Brien		Agent		Oct. 4, 1965			

*(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
Surface Red Bed	0	398	Premier Oil Sand	Salt	1595	Same	
Red Bed	398	485		Salt	B.2650		
Red Bed & Anhy	485	1153		Yates	2782		
Anhy	1153	1595		7 Rivers	3196		
Salt	1595	2650		Queen	3862		
Anhy	2650	2782		Grayburg	4359		
Gyp & Sdy Anhy	2782	3196		S. A.	4653		
Anhy & Lime	3196	3234					
Anhy & Gyp	3234	3862					
Sand & Anhy	3862	4160					
Anhy	4160	4359					
Sandy Lime	4359	4488					
Dolo & Sand	4488	4543					
Lime	4543	4604					
Sand	4604	4653					
Lime	4653	4695					