

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. Jicarilla Contract No. 160	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla	
2. NAME OF OPERATOR Shar-Alan Oil Company		7. UNIT AGREEMENT NAME Jicarilla "L" No. 160	
3. ADDRESS OF OPERATOR 1402 Denver U. S. National Center		8. WELL NO. 2	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 790' from South line and 1850' from East line At top prod. interval reported below At total depth		9. FIELD AND POOL, OR WILDCAT So Blanco PC	
14. PERMIT NO.		10. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 15 - 23N - 2W	
DATE ISSUED		11. COUNTY OR PARISH Rio Arriba	
15. DATE SPUNDED 10-2-65		12. STATE New Mexico	
16. DATE T.D. REACHED 10-5-65		13. ELEV. CASINGHEAD	
17. DATE COMPL. (Ready to prod.) 11-10-65		14. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7327.5GL	
20. TOTAL DEPTH, MD & TVD 3100		21. PLUG, BACK T.D., MD & TVD	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY 0-3100'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3018-3032		25. WAS DIRECTIONAL SURVEY MADE yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN Correlation, cement bond and electric logs		27. WAS WELL CORED no	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
7 5/8"		102'	10 3/4"
4 1/2"		3100'	6 3/4"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
1"	3024'		
31. PERFORATION RECORD (Interval, size and number) 3018'-3032' with 4 holes per ft.m			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
		Frac treated down 4 1/2" casing w/ 40,000# 20/40 sand and 46,000 gal. water. Breakdown pressure 2000psi 151 400psi. Inj. rate 80 bbls per minute.	
33.* PRODUCTION			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
11-10-65		3 1/4"	
HOURS TESTED		CHOKE SIZE	
3 hr		3/4"	
CHOKE SIZE		PROD'N. FOR TEST PERIOD	
3/4"		OIL—BBL. 3,369	
PROD'N. FOR TEST PERIOD		GAS—MCF.	
OIL—BBL.		WATER—BBL.	
GAS—MCF.		OIL GRAVITY-API (CORR.)	
WATER—BBL.		TEST WITNESSED BY	
OIL GRAVITY-API (CORR.)		CON. COM.	
TEST WITNESSED BY		TEST. 3	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) to be sold			
35. LIST OF ATTACHMENTS Open flow test data charts			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED [Signature]		TITLE Mgr. of Lands & Explorations	
DATE 1/14/66		DATE 1/14/66	

*(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	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2621	2835			
Kirtland	2836	2953			
Fruitland	2954	3015			
Pictured Cliffs	3016				
TD	3100'				