

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
Shar-Alan Oil Company

3. ADDRESS OF OPERATOR
1402 Denver U. S. National Center, Denver, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface **790' from South line and 990' from West line**
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.
Jicarilla Contract No. 160

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla

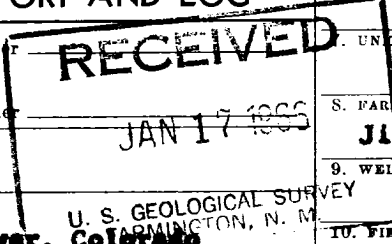
7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla 'C' No. 160

9. WELL NO.
3-X

10. FIELD AND POOL, OR WILDCAT
So Blanco PC

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
14 - 23N - 2W



14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED **9-24-65** 16. DATE T.D. REACHED **9-27-65** 17. DATE COMPL. (Ready to prod.) **11-10-65** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **7315.5 GL** 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD **3075'** 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY **0-3075'** ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
2988-3020

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)

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7 5/8"		107'	10 3/4"	50 sacks	
4 1/2"	9.54	3070'	6 3/4"	100 sacks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
1 1/4'	3004'	

31. PERFORATION RECORD (Interval, size and number)
2988-3020

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	Frac treated down casing with 40,000 20/40 sand and 42,000 gal. water. BDP 2300 psi; TP 1900 psi; ISIP 300 psi; 15 min SIP 300 psi.

33.* PRODUCTION

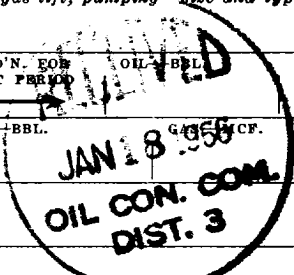
DATE FIRST PRODUCTION **shut-in** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in) **shut-in**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-10-65	3 hr	3/4"			2,819		

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
910	922					

34. DISPOSITION OF GAS (Solid, used for fuel, vented, etc.) **to be sold** TEST WITNESSED BY

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 **A. F. [Signature]** TITLE **Mgr. of Lands & Explorations** DATE **12-7-65**

*(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	TRUE VERT. DEPTH
Ojo Alamo	2608'					
Kirtland	2815'					
Fruitland	2932'					
Pic. Cliffs	2988'					