

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.

5. LEASE DESIGNATION AND SERIAL NO.

NM-2938

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Panco Federal

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Shugart - Queen11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA**Sec. 23, T-18S, R-31E**12. COUNTY OR
PARISH**Bddy**

13. STATE

N.M.

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

Atlantic Richfield Company

3. ADDRESS OF OPERATOR

P.O. Box 1978, Roswell, New Mexico 88201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface **1890' FNL, 550' FNL (Unit Letter E)**

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

6-21-6915. DATE SPUDDED **6-21-69** 16. DATE T.D. REACHED **6-30-69** 17. DATE COMPL. (Ready to prod.) **7-9-69** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **3685' DF** 19. ELEV. CASINGHEAD **3678'**20. TOTAL DEPTH, MD & TVD **3501'** 21. PLUG, BACK T.D., MD & TVD **3472'** 22. IF MULTIPLE COMPL., HOW MANY* **→** 23. INTERVALS DRILLED BY **→** ROTARY TOOLS **0-3501** CABLE TOOLS24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MATERIAL) **3397-3409 Queen** 25. WAS DIRECTIONAL SURVEY MADE **No**

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray-Neutron**AUG 1 - 1969**

27. WAS WELL CORED

No

28. CASING RECORD (Report all casing set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLES, IN.	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	798.99'	12-1/4"	400 sx Cl. C Incor	None
4-1/2"	11.6#	3501.15'	7-7/8"	300 sx Cl. C Heat	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	3401'	

31. PERFORATION RECORD (Interval, size and number)

3397-3409 w/1 JSPP**RECEIVED**
JUL 31 1969
U. S. GEOLOGICAL
ARTESIA, NEW MEXICO

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3397-3409	500 gal acid; 20,000#
	20/40 sd in 15,000 gal
	slick fresh water

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
7-5-69		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-10-69	24 hrs	2"	→	75 BO	44.5	3 BLW	593/1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
	20#	→	75 BO	44.5	3 BLW	28°	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented temporarily

TEST WITNESSED BY

LaRoy Knott

35. LIST OF ATTACHMENTS

GR-N Log

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

Original Signed

SIGNED **O. D. Bretches**

TITLE

Dist. Drlg. SupervisorDATE **7-30-69**

*(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:		38. GEOLOGIC MARKERS																
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																		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.															
			<table border="1"> <thead> <tr> <th>NAME</th> <th>MEAS. DEPTH</th> <th>TRUE VERT. DEPTH</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>685</td> <td></td> </tr> <tr> <td>Salt, Salado</td> <td>867</td> <td></td> </tr> <tr> <td>Yates</td> <td>2230</td> <td></td> </tr> <tr> <td>Queen</td> <td>3364</td> <td></td> </tr> </tbody> </table>	NAME	MEAS. DEPTH	TRUE VERT. DEPTH	Anhydrite	685		Salt, Salado	867		Yates	2230		Queen	3364	
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