

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
HOBBS, NEW MEXICOForm approved,
Budget Bureau No. 42-R355.5.(See other in-
structions on
reverse side)5. LEASE DESIGNATION AND SERIAL NO.
LC-034117(a)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

R. S. Crosby "A"

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Langlie Mattix 7R On

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

29-25S-37E

12. COUNTY OR
PARISH
Lea13. STATE
N M

1a. TYPE OF WELL:

OIL
WELL ☒GAS
WELL ☐DRY ☐

Other

b. TYPE OF COMPLETION:

NEW
WELL ☒WORK
OVER ☐DEEP-
EN ☐PLUG
BACK ☐DIFF.
RESRV. ☐

Other

2. NAME OF OPERATOR ARCO Oil and Gas Company

Division of Atlantic Richfield Company OIL & GAS
U.S. GEOLOGICAL SURVEY

3. ADDRESS OF OPERATOR

ROSWELL, NEW MEXICO

P. O. Box 1710, Hobbs, N M 88241-1710

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

At surface 660' FSL & 660' FEL (Unit Ltr "P")

At top prod. interval reported below as above

At total depth as above

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

6/19/81

16. DATE T.D. REACHED

6/26/81

17. DATE COMPL. (Ready to prod.)

8/04/81

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

3024.5' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

3419'

21. PLUG, BACK T.D., MD & TVD

3357'

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-3419'

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

3254-3294' Seven Rivers Queen

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CDL/CNS GR w/Caliper, GR, DLL & GR Corr Log

27. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOSE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"		30'	23"	2 yds Redi-mix	
8-5/8"	24#	1200'	12 1/4"	675 SX	
5 1/2"	15.5#	3419'	7-7/8"	930 SX	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8" OD	3300'	

31. PERFORATION RECORD (Interval, size and number)

3254, 60, 65, 71, 79, 85, 94' = 7-41" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3254-3294'	2100 gals 15% NE FE acid

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
7/12/81		Pumping - 2" x 1½" x 12' H.F. rod					Prod	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
8/17/81	24	-	→	14	31	17	2214:1	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
-	-	→	14	31	17	31.8°		

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

Sold

TEST WITNESSED BY

Jerry Guy

35. LIST OF ATTACHMENTS

Logs as listed in Item 26 above & Inclination Report

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

SIGNED

Jerry D. Schmidt

TITLE

District Manager

DATE 8/18/81

*(See Instructions and Spaces for Additional Data on Reverse Side)

ROSWELL, NEW MEXICO

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Yates	2526'	
7 R	2794'	
Queen	3096'	
Grayburg	3295'	

RECEIVED

AUG 26 1981

OIL CONSERVATION DIV