

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPL  
Artesia, NM

See other in-  
structions on  
reverse side

Form approved  
Budget Bureau No. 42-R355.5.

LEASE DESIGNATION AND SERIAL NO

NM-7713

INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \* RECEIVED

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		FEB 1 1984		1. SURVEY NAME	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <input type="checkbox"/>		BUREAU OF REVENUE		2. S. FARM OR LEASE NAME	
2. NAME OF OPERATOR ARCO Oil and Gas Company Division of Atlantic Richfield Company				3. DISTRICT West Red Lake Unit	
3. ADDRESS OF OPERATOR P. O. Box 1710, Hobbs, New Mexico 88240				9. WELL NO. 32	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FNL & 660' FEL At top prod. interval reported below as above At total depth as above				10. FIELD AND POOL, OR WILDCAT Red Lake Queen Grbg SA	
14. PERMIT NO.				13. STATE New Mexico	
DATE ISSUED				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 8-18S-27E	
15. DATE SPUDDED 11/29/83		16. DATE T.D. REACHED 12/6/83		19. ELEV. CASINGHEAD	
17. DATE COMPL. (Ready to prod.) 1/13/84		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3493.3' GR		20. TOTAL DEPTH, MD & TVD 2156'	
21. PLUG, BACK T.D., MD & TVD 2109'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY 0-2156'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 1953-86', 2022-25', 2032-55' Grayburg San Andres				25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Base Temperature Survey, GR-BHC Sonic, CBL, CNL				27. WAS WELL CORED No	

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
14"	36.71#	30'	17½"	2½ yds Redi-mix to surf.	
8-5/8" OD	24#	353'	11"	300 sx & 1 yd Redi-mix	
5½" OD	15.5#	2156'	7-7/8"	625 sx	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8" OD	1972'	-

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
2022-25', 2032-55', 1953-86' = 74 .58" holes		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		2022-2055'	4500 gals 15% HCL NEFE
		1953-86'	4500 gals 15% HCL NEFE
		1953-2055'	9000 gals x-linked gel & 650 gal non-x-linked gel. Frac'd w/39,000 gal x-linked gel & 102,500# sd

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
12/18/83		Pumping - 2" x 1½" x 16' RWBC				Prod	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1/26/84	24	-	→	75	49	44	653:1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
-	-	→	75	49	44	33.70F	

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

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 Blair P. Lawrence TITLE Drlg. Engr. DATE 1/31/84

# 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 38, 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 13: 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, (tops), 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 27: "Stacks Cement"? Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 35: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

SUMMARY OF FORMER ZONES: SHOW ALL INTERVAL ZONES OF POROSITY AND CONTENTS THEREOF; COBED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION TEST, 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
				Grayburg San Andres	1110' 1234'