

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
NEW MEXICO
HOBBS
88240

30-025-10969

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
Arch Petroleum Inc.3. ADDRESS OF OPERATOR
777 Taylor Street, Suite II-A, Ft. Worth, TX 761024. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1980 FNL & 810 FWL of Section 35, T23S, R37E

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED
11-03-5312. COUNTY OR PARISH
Lea
13. STATE
NM

15. DATE STUDDED 11-02-53 16. DATE T.D. REACHED 01-12-54 17. DATE COMPL. (Ready to prod.) 01-21-54 18. ELEVATIONS (DP, RKR, RT, GR, ETC.)* 3267 DF 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 9351 21. PLUG, BACK T.D., MD & TVD 9085 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 10-9351

24. PRODUCING INTERVAL(S), OF THIS COMPLETION-- TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE

5316-5781 Blinebry

No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Gamma Ray Collar and Cement Bond Log 06/14/89 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
13 3/8"	48#	320	N/A	300 sx - circulated	0
9 5/8"	32, 36, & 40#	2906	N/A	1600 sx - circulated	0
7" OD	26 and 23#	9348	N/A	403 sx - Top @ 6350	0

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	5235	5111

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
1 JSPF @ 5316, 20, 24, 26, 57, 59, 60, 64, 66, 68, 75, 80, 87, 89, 5462, 64, 5531, 46, 48, 57, 62, 65, 68, 75, 84, 5603, 05, 07, 42, 49, 51, 55, 57, 65, 67, 5711, 13, 36, 43, 45, 53, 61, 72, 74, 81, (45 holes)				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
				5316-5781	6000 gals 15% NEFE acid & 60 ball sealers
					Frac w/42,000 gals gel water, 18,700 gals CO2 + 108,500# sand

33. PRODUCTION				WELL STATUS (Producing or shut-in)			
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)			Producing			
6/26/89	Flowing						

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
6/27/89	24	16/64		90	686	120 LW	7622
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
750#	0#		90	686	120 LW	36.4	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold TEST WITNESSED BY
24 hour gauge35. LIST OF ATTACHMENTS
SJS36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.
SIGNED Daniel Miller TITLE Operations Manager DATE June 30, 1989

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

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, 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 completions), indicate the zone number.

Item 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: 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
			DESCRIPTION, CONTENTS, ETC.

RECEIVED

JUL 7 1989

OCD
HOBBS OFFICE