

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

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
ARCO Oil and Gas Company
3. ADDRESS OF OPERATOR
Box 1610, Midland, Texas 79702
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 660' FNL & 1980' FEL (Unit Letter B)
At top prod. interval reported below
At total depth

14. PERMIT NO. 30-015-25931 DATE ISSUED
15. DATE SPUDDED 6-29-88 16. DATE T.D. REACHED 7-25-88 17. DATE COMPL. (Ready to prod.) 8-31-88 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3730.2 KB 3716.7 GR 19. ELEV. CASINGHEAD
20. TOTAL DEPTH, MD & TVD 9006 21. PLUG BACK T.D., MD & TVD 8815 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-9006 ROTARY TOOLS CABLE TOOLS
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8036-8196' Bone Springs 25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN Sonar, LDCN, DLL-MSFL 27. WAS WELL CORED Yes

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	54.5	427	17-1/2	420 sx - circ cmt	
8-5/8	24	2168	11	1266 sx - circ cmt	
5-1/2	17	9006	7-7/8	2165 sx - TOC @ 657-TS	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	8291	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
8901-8930		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		8901-8930	A w/3000 gals. CIBP at 8850' w/35 ft cmt.
8036-8196'		8036-8196	A w/2000 gals. Frac w/129,500 gals & 250,500# prop 3

33. PRODUCTION							
DATE FIRST PRODUCTION 8-31-88		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - 1-1/4				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 9-5-88	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL. 62	GAS—MCF. 108	WATER—BBL. 31	GAS-OIL RATIO 1053
FLOW. TUBING PRES.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL. 62	GAS—MCF. 108	WATER—BBL. 31	OIL GRAVITY-API (CORR.) 36.0	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented TEST WITNESSED BY SJS

35. LIST OF ATTACHMENTS Logs, inclination report

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Ken W. Gosnell TITLE Engr. Tech 915/688-5672 DATE SEP 8 1988

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

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.
	8023	8085	Core #1

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Queen	2890	
Grayburg	3218	
San Andres	3750	
Bone Springs	5330	
1st Sand	7063	
2nd Carbonate	7270	
2nd Sand	7574	
3rd Carbonate	8347	
3rd Sand	8711	
Wolfcamp	8880	