

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.**WELL COMPLETION OR RECOMPLETION REPORT AND LOG ***1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

2. TYPE OF COMPLETION:

SLURRY SEAL ☐ WELL ☐ DEEP- ☐ PLUG ☐ DEEP ☐ Other ☐

3. NAME OF OPERATOR

Arco Oil and Gas Co.; A Division of Atlantic Richfield Co.

4. ADDRESS OF OPERATOR

501 Lincoln Tower Bldg; 1860 Lincoln St, Denver, Colo.

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

At surface (NE NE) 800' f/No & 800' f/East line Sec. 5
(Unit A)

At total depth

150.13 acres dedicated

14. PERMIT NO.

DATE ISSUED

30-039-22008

5-10-79

12. COUNTY OR PARISH

13. STATE

Rio Arriba

New Mexico

15. DATE DRILLED

16. DATE S.E. REACHED

17. DATE COMPL. (Ready to prod.)

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

19. ELEV. CASINGHEAD

5-22-79

6-4-79

6-26-79

7168' GL (Ungraded)

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20. TOTAL DEPTH, MD & TVD

21. HOLE, BASH, MD, MD & TVD

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

7627-TD

7552-PBTD

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→

X

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

Dakota "A" perms 7194-7228 & 7241-7247

Dakota "B" perms 7301-7315

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE LOGGING AND OTHER LOGS RUN

Dual Ind; CNPD, BHCS-Cmt Bond-GR-Corr.

27. WAS WELL CURED

No

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

CASING SIZE	WEIGHT, LB/FT.	DEPTH SET (MD)	HOLES SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8" OD	32#	337' KB	12 1/2"	300 SX.	None
5 1/2" OD	17# & 15.5#	7626" KB	7-7/8"	400 1st St; 350 2nd St.	"

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2-3/8"	7137'	None

30. PRODUCE INTERVAL(S) (JAIL, PER, size and number)

Dak A-7194-7228 w/1 jet per Ft.

" A-7241-7247 w/1 jet per Ft.

Dak B-7301-7315 w/1 jet per Ft.

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

See back of page for Completion Record.

32. PRODUCTION

DATE FIRST PRODUCTION: 6-26-79 PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump): Flow WELL STATUS (Producing or shut-in): Producing

DATE OF TEST	HOLES TESTED	HOLES SIZE	PERIOD FOR TEST PERIOD	OIL--PBL.	GAS--MCF.	WATER--PBL.	CAS-OIL RATIO
7-7-79	24	Open	→	48	1083	17	2256:1
FLOW, LBS PER MIN.	CASING PRESSURE	PERFORATED DEPTH RATE	OIL--PBL.	GAS--MCF.	WATER--PBL.	OIL GRAVITY-API (CORR.)	
10000	1175#	→	48	1083	17	48.4	

33. PRESENT USE OF GAS (will use for fuel, etc., etc.)

Lense use - Remainder to be sold to market.

TEST WITNESSED BY

J. E. Taylor

34. LIST OF PARTICIPANTS

See back of page for Completion Record.

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

SIGNED:

TITLE:

Operations Manager

DATE:

7-11-79

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

30-039-22008

[illegible]

38. SUMMARY OF LOGS LOGS:		38. GEOLOGIC MARKERS		
SHOW AND IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORP. INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING BIRTH INTERVALS TESTED, CATCHES USED, TIME TOOL DOWN, FLOWING AND SHUT-IN PRESSURE, AND RECOVERIES				
FORMATION	TOP	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
COMPLETION RECORD: Drld out DV tool & cement to 7552-PBTD.				
Ran Cmt Bond & GR-Corr log, Est top Cmt 1st St-6660; 2nd St-				
3525'. Ran 2-3/8" Tbg, spotted 250 Gals 15% MCA. Pulled Tbg.				
Jet perf. Dak "B" 7301-15 w/1 jet per Ft, Waterfrac Trtd these				
perfs down Csg. w/47,100 Gals slick Wtr & 38,500# 20-40 Sd				
in stages. Max P-2900# @ 47 BPM. Set BP @ 7280' & blanked off				
these perfs. Rap Tbg to 7250', spotted 500 Gals 15% MCA,				
Pulled tbg. Jet perf Dak "A" 7194-7228 & 7241-7247 w/1 hole				
per Ft. Waterfrac Trtd these perfs down Csg w/87,000 Gals				
Wtr & 80,000# 20-40 Sd. Avg P-2450# @ 46 BPM. Frac in stages.				
Drld out IP @ 7280' & pushed to 7300'. Pulled Tbg & bit.				
Ran 2-3/8" Tbg w/SN, Tbg landed @ 7137' KB, SN @ 7105'				
FFT to clean up.				
COMPLETED OIL WELL 7-7-79: Flowed 48 BO, 17 BW, & 1083 MCFD				
f/Dak "A" perfs 7194-7228 & 7241-47; and Dak "B" perfs				
7301-15 in 24 hrs.				
		GEOLOGICAL TOPS (Elec. Log)		
		Pictured Cliffs	3045	(+4137)
		Mesaverde	4582	(+2600)
		Gallup	5200	(+ 982)
		Greenhorn	7108	(+ 74)
		Graneros	7173	(+ 9)
		Dakota A	7183	(- 1)
		Dakota B	7300	(-118)
		Dakota Silt	7357	(- 175)
		Dakota C	7389	(- 207)
		Burro Canyon	7461	(- 279)
		Morrison	7604	(- 422)
		K.B. Elev of 7182' used as D		