

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐ **RECEIVED MAR -1 AM 9:55**

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ **070 FARMINGTON, NM**

2. NAME OF OPERATOR: Amoco Production Company Attention: Dallas Kalahar

3. ADDRESS AND TELEPHONE NO.: P.O. Box 800, Denver, Colorado 80201 (303) 830-5129

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1255' FSL 670' FWL UNIT M SW/4SW/4

At top prod. interval reported below

At total depth

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14. PERMIT NO. DATE ISSUED

12. COUNTY OR PARISH: San Juan 13. STATE: New Mexico

15. DATE SPUDDED: 12/07/93 16. DATE T.D. REACHED: 12/21/93 17. DATE COMPL. (Ready to prod.): 2-23-94 18. ELEVATIONS (DF, RKB, RT, GR, ETC.): 6223' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD: 7731' 21. PLUG, BACK T.D., MD & TVD: 7666' 22. IF MULTIPLE COMPL., HOW MANY*: 2 23. INTERVALS DRILLED BY: 23. ROTARY TOOLS: YES CABLE TOOLS: NO

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*: (7432' - 7584') Basin Dakota 25. WAS DIRECTIONAL SURVEY MADE: Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN: HRIL w/ CL & GR, DENL Dual Spcd N w/ CL & GR, SPCT Density ETN w/ GR & CL, CBL 27. WAS WELL CORED

28. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13 3/8" K55	61#	399'	17 1/2"	500 sx CI B	
9 5/8" K55	36#	3229'	12 1/4"	1st stg = 410 sx CI B, 2nd stg = 990 sx CI B, Tail w/ 100 SX CI B	
7" K-55	23#	7347'	8.75"	865 sx Standard CI B	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	7682'	7730'	100 sx CI B		2 3/8"	7519'	5600'
					1 1/4"	7480'	

31. PERFORATION RECORD (Interval, size, and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
See Attachment		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
			See Attachment

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)				WELL STATUS (Producing or shut-in)	
2-01-94		Flowing				SI w/o 1st Del	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS-OIL RATIO
2/04/94	24	1/4"		0	320	3	
FLOW TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	
380	560		0	320	3		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): To be sold TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available data.
SIGNED: Dallas Kalahar TITLE: Business Analyst DATE: 2/24/94
RECEIVED MAR 21 1994 OIL CON. DIV. DIST. 3

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

ACCEPTED FOR RECORD
FARMINGTON DISTRICT OFFICE
Smn

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	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			CONFIDENTIAL	OJOA_		2305
				FRLD		2496
				PCCF		2953
				LWIS		3033
				CLFH		4803
				MENF		4890
				PNLK		5230
				MNCS		5618
				GLLP		6590
				GRNH		7290
				GRAN		7350
				DKTA		7430
				MRSN		7665
				TD		7731

RUWL (01/13/94) and RIH w/ perf gun. Tagged sd @ 7654'. ROH & RIH w dump blr & dmpd 1 sx of sd and retagged @ 7636'.

Perf: ROH & RIH and perf upper DK w/ 3 3/8 HSC gun ported w/ 1 JSPF, 120 deg phased, 16 GR charge fr: 7580'-7582', 7567'-7569', 7555'-7557', 7529'-7532', 7522'-7526', 7433'-7438'.

TIH w/ PPI tool w/ 6' spacing . TIH w/ 60 stds. SWIFN. TIH to perfs, 7580'-7582'. Press up to 4500 psi, no break dn. PU to perfs, 7567'-7569'. Press up to 4500 psi, no break dn. PU to 7555'-7557', Perfs broke back fr 4120' to 4000 psi w/ 10 BBLs @ 2.6 BPM. PU to perfs 7529'-7532' and PI @ 3780 psi @ 1.8 BPM. PU to perfs 7522'-7525' & PI @ 4400 psi @ 2 BPM. PU to perfs 7488'-7498 & PI @ 4 BPM. Press incred fr 2860 to 4000 psi. PU to perfs 7433'-7438'. PI & press incred fr 3780'-3781' @ 5 BPM. Rltd tools & TIH back to bot two perfs. Broke perfs 7580'-7582' by pmpg 2 BPM @ 4800 psi. Perfs broke back to 4341 psi. PU to perfs 7567'-7569'. Broke perfs back fr 5000'-4910' psi @ 1 BPM. Rltd PPI tool and TOH. ND BOPS, SWIFN.

Frac: RU Frac Equip. (01-16-94). Frac upper DK by pmpg a 50lb/M HPG gel wtr frac and 20/40 sd. Pmpd 10,000 gal pad followed by 25,000 gal w/ 1 PPG 100 mesh sd. Pmp 20,000 gal pad. Pmpd 8,000 gals w/ 1 PPG 20/40 sd, 16,000 gals w/ 2 PPG 20/40 sd. Pmp 16,000 gal w/ 2.5 PPG sd. Pmp 12,000 gal w/ 3.0 PPG sd. Pmp 8,000 gals w/ 4.0 PPG 20/40 sd. Started to pmp 5.0 PPG & screened out. All sd contained RA material IR 192. Pmpd 2100 sx & pmpd 507 in wellbore. AIP 3000 psi, AIR 27 BPM. Total vol pmpd = 119,713 gals slurry, Vol = 128,254 gal. 2100 sx 20/40 sd, 250 sx 100 mesh sd. RD frac equip and hook up flw back tree and blow line.

TIH & tagged sd @ lnr top @ 7111'. Circ & cln out sd to 7671'. Circ hole cln. TOH w/ tbg. RUWL & RIH & ran after frac fr 7661'-7050'. RIH and reperf upper DK w/ 3 3/8 guns w/ 4 JSPF 90 deg phased w/ 16 GR charge. Perf fr: 7580'-7584', 7566'-7570', 7554'-7559', 7520'-7534', 7488'-7500', 7432'-7444'.

RDWL (01-19-94). TIH and landed tbg @ 7560'. Flw well to tnk.

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