

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF-077085	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Recompletion		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Amoco Production Company		7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. P.O. Box 800, Denver, Colorado 80201		8. FARM OR LEASE NAME, WELL NO. Gmpler A #4	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990 FSL 990 FWL UNIT M		9. API WELL NO. 3004512168	
14. PERMIT NO.		12. COUNTY OR PARISH San Juan	
DATE ISSUED		13. STATE New Mexico	
15. DATE SPUDDED 07/22/65	16. DATE T.D. REACHED 8/6/65	17. DATE COMPL. (Ready to prod.) 08/29/95	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5876GR
19. ELEV. CASINGHEAD 5876	20. TOTAL DEPTH, MD & TVD 6555'		
21. PLUG, BACK T.D., MD & TVD 3350'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* Otero Chacra 2895-3023'
25. WAS DIRECTIONAL SURVEY MADE No			26. TYPE ELECTRIC AND OTHER LOGS RUN CBL 2650-3340, 2300-3345'
27. WAS WELL CORED No			
28. CASING RECORD (Report all strings set in well)			
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8"	24#	272'	12-1/4"
4-1/2"	9.5#	6555'	6-3/4"
		TOP OF CEMENT, CEMENTING RECORD	
		125 exe	
		225 exe 1st stage	
		1200 exe 2nd stage	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
None			
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2.375"	3007'	None	
31. PERFORATION RECORD (Interval, size and number)			
See Attachment			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
		See Attachment	
33.* PRODUCTION			
DATE FIRST PRODUCTION 08 29 1995	PRODUCTIVE METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing		WELL STATUS (Producing or shut-in) Shut-in
DATE OF TEST 08 29 1995	HOURS TESTED 15 hrs	CHOKE SIZE 32/64"	PROD'N FOR TEST PERIOD
FLOW TUBING PRESS 640#	CASING PRESSURE 650#	CALCULATED 24-HOUR RATE	OIL - BBL. Trace
		GAS - MCF. 500	WATER - BBL. 8
		OIL GRAVITY - API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold			
35. LIST OF ATTACHMENTS			

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

SIGNED

TITLE

Sr. Admin Staff Asst

FARMINGTON DISTRICT OFFICE

*(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.

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.	38. GEOLOGIC MARKERS		
				NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Pictured Cliffs	1920	1970	Sand, Gas	Same		
Mesa Verde	3520	4363	Sand, Gas			
Dakota	6292	6520	Sand, Gas			

Omler A #4 - Recompletion - Subsequent

MIRUSU 8/18/95.

Perf'd @ 3410' w/2 jspf, .340 inch diameter, 120 degree phasing, 12.5 grams. Total 2 shots fired.

Squeezed perf @ 3410' with 200 sxs Class B with .3% halad 344 and 5% Cal seal to 840 psi. Average rate 2.0 bpm. Max rate 2.0 bpm.

TIH w/bit and scraper and tagged cmt @ 3100' and drilled cmt to PBTD of 3350'. Circ hole clean and TOH w/bit and drill collar. Left cmt plug in casing from 3350' to 3410'.

Ran CBL from 2650'-3,340. TOC @ 3290'.

Perf'd @ 2828' w/2 jspf, .340 inch diameter, 120 degree phasing, 12.5 grams, total 2 shots fired.

Squeezed perf @ 2828' with 100 sxs Class B with .3% halad 344 and 5% Cal seal to 850 psi. Average rate 1.8 bpm, maximum rate 2.0 bpm.

Tested casing from 12' to 2692' for 15 min to 3400 psi. Casing held. Drilled out squeeze perf @ 2828'. Drilled from 2692'-2835' and pressure tested to 500#. Held.

Perf'd @ ^{2815'}~~2828'~~, 2912', 2914', 2916', 3014', 3015', 3016', 3021', 3022', 3023', w/1 jspf, .340 inch diameter, 120 degree phasing, 12.5 grams, total 10 shots fired.

Break down and ball of perfs from 2895'-3023'. Pre flushed with 8 bbls filtered fresh water and displaced with 17 bbls filtered fresh water. Breakdown PSI 2800#. Breakdown rate 2.7 bpm. Max psi 3500#, Max rate 7.70 bpm. Pumped 15-7/8" ball sealers.

Frac'd from 2895-3023' w/182 bbls 70 quality foam, 49,430# 16/30 Arizona sand, 224,957 scf of N2. Avg psi 1988, avg. rate 25 bpm, avg fluid rate 11.7, avg N2 10,997 scf/m.

Tested well on 1/4" and 1/2" choke for 48 hrs.

Tested well for 15 hrs on 32/64" choke. Recoverd trace of oil, 500 mcf and 8 bbls water.

Cleaned out frac sand from 3180' to 3350 pbtd.

Landed 2.375" tbg @ 3007'. SICP 650#, SITP 640#.

RDMOSU 8/29/95.