

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 ☐		5. LEASE DESIGNATION AND SERIAL NO. SF-078415	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		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 3092, Houston, TX		8. FARM OR LEASE NAME, WELL NO. Roelofs B 3B	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2445' FSL 1115' FWL At top prod. interval reported below At total depth Unit L		9. API WELL NO. 30-045-29711	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 09/17/1999		16. DATE T.D. REACHED 09/17/1999	
17. DATE COMPL. (Ready to prod.) 10/11/1999		18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 6334'	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 5435	
21. PLUG, BACK T.D., MD & TVD 5420'		22. IF MULTIPLE COMPLETIONS, HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS YES CABLE TOOLS NO	
PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* Blanco Mesaverde 4630' - 5344'		25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN CBL, TDT, & CCL		27. WAS WELL CORED N	
28. CASING RECORD (Report all strings and joints)			
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
9 5/8" WC-50	32.5#	275'	12 1/2"
7" WC-50	20#	2660'	8 3/4"
TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED	
200 SXS TO SURFACE			
480 SXS CLS B CMT Lead & Tail			
380			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
4 1/2"	2504'	5435'	200 SXS CLS A
SCREEN (MD)		TUBING RECORD	
		SIZE	DEPTH SET (MD)
		2 3/8"	5189'
PACKER SET (MD)			
PERFORATION RECORD (Interval, size, and number)			
1. 5168' - 5344' w/2 JSPF, 3.125 in. diameter, total 18 shots			
2. 4917' - 5118' w/1 JSPF, 3.125 in. diameter, total 16 shots			
3. 4630' - 4883' w/1 JSPF, 3.125 in. diameter, total 17 shots			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
5168'	5344'	70% Quality N2 Foam & 69.055# 16/30 Arizona Sand	
4917'	5118'	70% Quality N2 Foam & 69.653# 16/30 Arizona Sand	
4630'	4883'	70% Quality N2 Foam & 98.373# 16/30 Arizona Sand	
33.* PRODUCTION			
DATE FIRST PRODUCTION 10/11/1999		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) SI			
DATE OF TEST 10/11/1999	HOURS TESTED 4 hrs	CHOKE SIZE 3/4"	PROD'N FOR TEST PERIOD
OIL - BBL. Trace	GAS - MCF. 1957 MCF	WATER - BBL. Trace	GAS-OIL RATIO
FLOW TUBING PRESS 120#	CASING PRESSURE 250 #	CALCULATED 24-HOUR RATE	OIL GRAVITY - API (CORR.)
DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TO BE SOLD		TEST WITNESSED BY	
35. LIST OF ATTACHMENTS		ACCEPTED FOR RECORD	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		OCT 20 1999	
SIGNED <i>Mary Corley</i>		TITLE Sr. Business Analyst	

*(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.

RECORDED

DATUMTON FIELD OFFICE
BY *[Signature]* 1999

Roelofs B 3B

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
Ojo Alamo	1945'		Sandstone			
Kirtland	2100'		Sandstone			
Fruitland	2710'		Coal			
Lewis Shale	3030'		Shale			
Cliff House	4595'		Sandstone			
Menefee Shale	4770'		Sandstone			
Point Lookout	5225'		Sandstone			
Mancos	5335'		Shale			

COMPLETION SUBSEQUENT REPORT ROELOFS B #3B 10/12/99
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9/21/99 MIRUSU NU TBG head & Frac valve - pressure test CSG & head to 3000#. Held Ok. Ran CBL, TDT, & CCL logs.

9/28/99 RU & Perf 1st stage - the Point Lockout formation @ the following intervals with 2 JSPF, 3.125 inch diameter, total 18 shots:

5168'	5246'	5289'
5174'	5254'	5313'
5212'	5260'	5318'
5220'	5258'	5330'
5224'	5275'	5339'
5230'	5282'	5344'

Frac 1st stage 5168' - 5344' pumped /500 GALS of 15% HCL Acid ahead then 69,055# 16/30 Arizona sand & 70% Quality N2 Foam. Displaced w/N2 Foam. ISIP 1186# - 5 min SI 9483# - 10 min 893#.

9/29/99 RU & set CIBP. Pressure test OK. RU & perf 2nd stage - Menefee Shale Formation @ the following intervals with 1 JSPF, 3.125 inch diameter, total 16 shots:

4917'	5002'	5092'
4928'	5033'	5102'
4963'	5042'	5110'
4969'	5048'	5118'
4981'	5076'	
4998'	5084'	

Frac 2nd Stage 4917' - 5118' - pumped 500 GAL of 15% HCL Acid ahead then Frac w/ 99,653# 16/30 Arizona sand & 70% quality N2 foam - displaced w/N2 foam. ISIP 1337#, 5 min SI 1181#, 10 min SI 1157#. RU & set CIBP @ 4908'. Pressure test OK. RU & perf 3rd stage - Cliffhouse Formation @ the following intervals with 1 JSPF, 3.125 inch diameter, total 17 shots:

4630'	4750'	4821'
4635'	4760'	4827'
4640'	4770'	4872'
4668'	4777'	4878'
4694'	4782'	4883'
4725'	4817'	

Frac 3rd Stage 4630' - 4883' - pumped 500 GAL of 15% HCL Acid ahead then Frac w/ 98,373# 16/30 Arizona sand & 70% quality N2 foam - displaced w/N2 foam. ISIP 1794#, 5 min SI 1401#, 10 min SI 1373#. SDFN.

9/30/99 RU flowline & Start flowing back Frac w/ 3/4" choke.

(continued on back)

COMPLETION SUBSEQUENT REPORT
ROELOFS B #3B
10/12/99

10/1/99 MIRUSU Blow down well. ND Frac valve & nu BOP. TIH w/ 2 3/8" TBG to TOL. SDFN.

10/2/99 Flowback well w/watchman to clean up.

10/4/99 TIH & cleaned out sand from 4875' to CIBP set @ 4908'. Mill up CIBP & drill out top of 1st CIBP set. Pull up to liner & flow well w/watchman overnight.

10/5/99 Finish drilling up 1st CIBP & cleaned out to hard PBD of 5420'. Flow well w/watchman overnight.

10/6/99 TIH after flowing well overnight 7 tag 20' fill. Clean out fill & flowed well up CSG. TIH & tag 0 fill. RU to flow overnight w/watchman.

10/7/99 TIH w/BHA & 2 3/8" TBG. Land TBG @ 5189'. ND BOP & NU wellhead.

10/8/99 RDMOSU - Rig released @ 17:00 hrs.

NOTE: TOC on 4 1/2" liner @ 2660'.