

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(See other in-
structions on
reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

a. 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
AMOCO PRODUCTION COMPANY
Attention: MARY CORLEY

3. ADDRESS AND TELEPHONE NO.
P.O. BOX 3092 HOUSTON, TX

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations)
At surface 2440' FNL 1350' FNL

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED
OIL CON. DIV.
DIST. 3

5. LEASE DESIGNATION AND SERIAL NO
SF-078415

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
ROELOFS B # 1B

9. API WELL NO.
30-045-29713

10. FIELD AND POOL, OR WILDCAT
BLANCO MESAVERDE

11. SEC., T., R., M., OR BLOCK, AND SURVEY OR AREA

Section 22
Township 291 Range 8W

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

15. DATE SPUDDED 01/31/1999
16. DATE T.D. REACHED 02/08/1999
17. DATE COMPL. (Ready to prod.) 04/08/99
18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 6711' gl
19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6116
21. PLUG, BACK T.D., MD & TVD 6015'
22. IF MULTIPLE COMPL., HOW MANY*
23. INTERVALS DRILLED BY
ROTARY TOOLS YES
CABLE TOOLS NO

PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
MESAVERDE 4992' 5682'

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

CBL TDT

27. WAS WELL CORED
N

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
9 5/8" K-55	36#	283'	12 1/4"	150 SXS CLS B TO SURFACE	
7" K-55	20 & 23#	3476' 8 1/2"	8 3/4"	445 SXS CLS B LEAD & TAIL TOP 350'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	3259'	6114'	318 SXS		2 3/8"	5008'	

30. TUBING RECORD

PERFORATION RECORD (Interval, size, and number)

4992' - 5682'; 1 JSPF, .300 INCH DIAMETE. TOTAL 50 SHOTS
(SEE SUBSEQUENT REPORT FOR INDIVIDUAL PERFS.)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5532' - 5682'	651 BBLs WTR; 70% QUALITY FOAM & 96228# 16/30 AZ SAND
5532' - 5682'	24345 GALS WTR; 70% N2 FOAM & 78461# 16/30 AZ SAND
4992' - 5148'	25625 GAL. WTR, 70% N2 FOAM & 91793# 16/30 AZ SAND

33. * PRODUCTION

DATE FIRST PRODUCTION 04/08/1999		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) F				WELL STATUS (Producing or shut-in) SI	
DATE OF TEST 04/08/1999	HOURS TESTED 13	CHOKE SIZE 3/4"	PROD'N FOR TEST PERIOD _____	OIL - BBL. TRACE	GAS - MCF. 2600	WATER - BBL. TRACE	GAS-OIL RATIO
FLOW TUBING PRESS 0#	CASING PRESSURE 165#	CALCULATED 24-HOUR RATE _____	OIL - BBL. _____	GAS - MCF. _____	WATER - BBL. _____		OIL GRAVITY - API (CORR.)

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 records

ACCEPTED FOR RECORD

SIGNED

Mary Corley

TITLE

SR. BUSINESS ANALYST

DATE

04-15-1999

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

APR 19 1999

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.

FARMINGTON FIELD OFFICE
BY Smm

ROELOFS B # 1B

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	2248'					
Kirtland	2502'					
Fruitland Coal	2950'					
Pictured Cliffs	3360'					
Lewis Shale	3520'					
Cliff House	4890'					
Menefee	5128'					
Point Lookout	5594'					
Mancos	5914'					

ROELOFS B # 1B
COMPLETION SUBSEQUENT REPORT
4/15/99

2/10/99 MIRUSU & ran TDT & CMT bond for perforating & CMT tops. CMT top @ 350' behind 7" CSG.

2/18/99 NU TBG head & Frac valve - pressure test CSG to 3000#. Held OK.

3/5/99 MIRUSU & perf all Mesaverde formations @ the following intervals with 1 JSPF, .300 inch diameter, total 50 shots:

5682'	5600'	5532'	5334'	5272'	5116'	5040'
5675'	5596'	5436'	5330'	5242'	5112'	5036'
5658	5581'	5432'	5302'	5237'	5078'	5012'
5654'	5576'	5385'	5296'	5233'	5075'	5007'
5649'	5564'	5380'	5290'	5148'	5054'	5001'
5634'	5558'	5343'	5283'	5140'	5049'	4997'
5627'	5539'	5338'	5278'	5121'	5045'	4992'
5620'						

3/15/99 RU & breakdown formation w/75 ball sealers - Pump 75 BBLS & was unable to catch pressure - Started balls & had good ball action. Max rate 7BPM @ 2200#. Left well SI.

3/22/99 MIRUSU. ND Frac valve & NU BOP. RU & TIH PU PKR & workstring. Set PKR @ 5478'. RU & breakdown Point Lookout zone (5682' - 5532') w/500 GALS of 7 ½% acid & drop 25 balls. Had good ball action. Unseat PKR & knocked balls off w/PKR. PU & reset @ 5478'. Set pressure gauges & then set TBG plug. SI for build up.

3/23/99 Pull TBG plug & gauges. Unseat PKR & TOH w/TBG & PKR. TIH w/BP & set @ 5478'. RU & Est pump in. Pressure got to 450# & went on a vacuum. PU & Circ out fluid w/air. Set PKR @ 5793'. RU & set gauges & TBG plug. SI overnight.

3/24/99 Well SI for pressure gauges. Ret TBG plug & gauges. Unseat PKR & Ret BP. PU & reset BP @ 5203'. PU & circ fluid out of hole w/air. PU & set PKR @ 4943'. Flow air out of wellbore. Set gauges & TBG plug. SI for test. Pull TBG plug & unseat PKR & Ret BP. Reset Ret. BP @ 5160' & reset PKR @ 5406'. Pump down TBG an est. rate of 2.7 BPM @ 8750#. RU & swab down to & reset TBG plug to test the Cliffhouse zone (5084' - 5134'). SI well overnight for pressure buildup.

3/25/99 Well SI overnight for buildup. RU & pull TBG plug & gauges. Unseat PKR & Ret BP. TOH w/TBG & plugs. TIH w/PKR & TBG. Circ fluid out of wellbore w/air. PU & set PKR @ 5478'. Blow air out of wellbore. RU & set pressure bombs & set TBG plug. Well SI for weekend for pressure build up.

3/29/99 Well SI for pressure buildup. RU & pull TBG plug & bombs. RU Frac valve & Frac Point Lookout (5682' - 5532') down 2 7/8" TBG w/651 BBLS of WTR & 70% quality foam & 96228# of 16/30 Arizona sand. RU & start flowing back with ¼" choke for 3 hrs. Dropped back to 1/8" choke to slow sand flowback.

ROELOFS B # 1B
COMPLETION SUBSEQUENT REPORT
4/15/99

3/30/99 Flowed well overnight w/watchman & choke. FCP 150# on 3/4" choke. Unseat PKR & TOH. RU & set CIBP @ 5485'. TIH w/PKR & pressure test to 2000#. Held OK. PU & set PKR @ 5193'. Install Frac valve & SI for night.

3/31/99 RU & Frac Point Lookout (5682' - 5532') down 2 7/8" TBG w/24345 GALS of WTR & 70% N2 Foam & 78461# of 16/30 Arizona sand. RU & flowback w/watchman starting with a 3/4" choke.

04/01/99 Flowed well overnight w/watchman. FCP 80# on 3/4" choke. Open well full w/2" line & blow down. RU & unseat PKR & TOH. RU & set CIBP @ 5180'. SI for night.

04/02/99 RU tree saver & RU to Frac Cliffhouse (5148' - 4992') down 4 1/2" CSG w/25625 GALS of WTR & 70% N2 foam & 91793# of 16/30 Arizona sand. RU & start flowing back to clean up. Start with 1/4" choke - SFCP 1000#. Upsize to 1/2" @ 260#, then to 3/4" choke to 60#. Flowed well over night. SI well AM 04/03/99. Flowed well during daylight hrs only on 04/04/99. SI well overnight.

04/05/99 Well SI overnight. SICP 640#. Blow down well & TIH PU mill & TBG. Tag fill @ 5158'. Clean out to CIBP @ 5180' & drill up. PU TBG & tag fill on 2nd plug @ 5443'. PU into liner & RU to flow well overnight with 3/4" choke & watchman. FTP 115#.

04/06/99 Flow well overnight FCP 85#. TIH & cleanout 20' of sand & drilled up 2nd CIBP & finished TIH to bottom. Cleaned out 5884' to 5984'. PU & flow well on 3/4" choke starting pressure 185#.

04/07/99 Flowed well overnight w/watchman & 3/4" choke - FCP 180#. TIH & tagged 16' fill. Clean out sand fill & drilled out soft CMT to Hard PBD of 6015'. Circ hole clean. TOH w/mill & TBG. RU & flow well for cleanup.

04/08/99 Flowed well overnight for Del test. Tested up CSG 13 hrs. on 3/4" choke - 2.6 MMCF gas, trace oil, trace WTR. CP 165#. Tubing plug in hole. Tested w/o tubing no tubing pressure to report. SI well. RU & TIH w/production TBG. Tag 12' fill. Cleanout & circ hole clean. PU & land TBG @ 5008'. ND BOP & NU wellhead. RU & pull TBG plug.

Rig released @ 1900 hrs 04/08/99.