

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 ☐
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☒ OTHER RECOMPLETION

2. NAME OF OPERATOR
AMOCO PRODUCTION COMPANY
Attention: Nancy I. Whitaker

3. ADDRESS AND TELEPHONE NO.
P.O. BOX 800 DENVER, CO. 80201 303-830-5039

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1700 FNL 1765 FWL

At top prod. interval reported below

At total depth

5. LEASE DESIGNATION AND SERIAL NO.
NM - 013685
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME, WELL NO.
SCHWERTDFEGER COM 1E
9. API WELL NO.
3004524278
10. FIELD AND POOL, OR WILDCAT
BLANCO MESAVERDE GAS POOL
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Section 27
Township 31N Range 9W

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

15. DATE SPUDDED 06/24/1980
16. DATE T.D. REACHED 07/04/1980
17. DATE COMPL. (Ready to prod.) 03/20/1997
18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 6307 GR
19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 7744
21. PLUG, BACK T.D., MD & TVD 7500 CIBP
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 4680-5032 5062-5322 5376-5718

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

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"	36	330	12 1/4"	250 SXS CL B W/2% CACL-2	
7"	23	3571	8 3/4"	595 SXS CL B LITE 150 SXS CL B	
4 1/2"	10.5	7720	6 1/4"	322 SXS 65/35 BJ LITE 150 SXS CL B	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	5464	

PERFORATION RECORD (Interval, size and number)

4680-5032 1 JSPF .340 17 SHOTS
5062-5322 1 JSPF .340 19 SHOTS
5376-5718 1 JSPF .340 18 SHOTS

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4680 5718	36 BBLS 7.5% FE HCL
4680 5718	5762 BBLS 70% FOAM, 194,547# 16/30 SAND
	2,718,894 SCF NITROGEN

33.* PRODUCTION

DATE FIRST PRODUCTION
PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)
FLOWING
WELL STATUS (Producing or shut-in)
SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS-OIL RATIO
03/20/1997	12	1/2"	TRACE	TRACE	800	0	
FLOW TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	
115	220	TRACE	TRACE	1600	0		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TO BE SOLD

TEST WITNESSED BY

ACCEPTED FOR RECORD

35. LIST OF ATTACHMENTS

FRAC AND PERF INFORMATION

MAR 31 1997

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

SIGNED

Nancy I. Whitaker

TITLE

Staff Assistant

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.

NMOOD

MIRUSU 3/7/97

TIH TO SET CIBP @ 7500'. PRESSURE TEST TO 3000 PSI FOR 15 MIN. HELD OKAY.
DUMPED 5 SXS CLASS B ON TOP OF CIBP. EST. TOC 7444'.

PERFORATED LOWER MESAVERDE AT 5376, 5384, 5410, 5412, 5422, 5438, 5454, 5466,
5470, 5476, 5537, 5568, 5607, 5626, 5656, 5714, 5718 W/ 1JSPF, .340 DIA. 120 DEG.
PHASING AND 12.5 GMS CHARGE. 17 SHOTS.

ACIDIZED W/ 12 BBLS OF 7/5% FE HCL AND 27 BALL SEALERS. DISPLACED WITH 44
BBLS OF FREST WATER.

FRAC WELL WITH 2241 BBLS OF 70% FOAM, 70,074 16/30 ARIZONA SAND, AND 1,068,291
SCF N₂. ISIP 1760, SI 5 MIN 1150, SI 10 MIN 1015, SI 15 MIN 963.

FLOW TEST WELL -- 19 HRS. RECOVERED 69 BBLS WATER W/ 1/2" CHOKE.

SET RBP @ 5355'. DUMPED SAND ON TOP OF RBP. PRESSURE TEST TO 3000 PSI FOR
15 MIN. HELD OKAY.

PERFORATED MIDDLE MESAVERDE AT 5062, 5066, 5094, 5124, 5126, 5132, 5139, 5171,
5174, 5176, 5178, 5205, 5221, 5244, 5272, 5298, 5310, 5322 WITH 1 JSPF, .340 DIA, 120
DEGREE PHASING AND 12.5 GMS CHARGE. 19 SHOTS.

ACIDIZED PERFS W/ 12 BBLS OF 7.5% FE HCL, 27 BALL SEALERS AND 28 BBLS FRESH
WATER.

FRAC WELL WITH 1744 BBLS OF 70% FOAM, 70,000 16/30 ARIZONA SAND, AND 796,358
SCF N₂. ISIP 2460, SI 5 MIN 1350, SI 10 MIN 1252, SI 15 MIN 1209. PROP WRAP USED IN
LAST STAGE.

FLOW TEST WELL -- 72 HRS. RECOVERED 394 BBLS WATER AND 395 MCF GAS W/ 1/2"
CHOKE. TAGGED SAND AT 5270'.

SET RBP AT 5050'. PRESSURE TESTED TO 3000PSI FOR 15 MIN. HELD OKAY.

PERFORATED TOP MESAVERDE AT 4680, 4684, 4688, 4908, 4918, 4924, 4943, 4967, 4982,
4983, 4986, 4992, 5009, 5016, 5018, 5024, 5026, 5032 WITH 1 JSPF, .340 DIA, 120 DEGREE
PHASING AND 12.5 GMS CHARGE AND 2197 PSI OVERBALANCED RESSURE. 18 SHOTS.

ACIDIZED PERFS W/ 12 BBLS OF 7.5% FE HCL, 27 BALL SEALERS AND 47 BBLS FRESH
WATER. BALLED OFF WITH 27 BALLS 3 TIMES.

FRAC WELL WITH 1777 BBLS OF 70% FOAM, 54,473# 16/30 ARIZONA SAND, AND
854,245 SCF N₂. ISIP 2243, SI 5 MIN 1634, SI 10 MIN 1535, SI 15 MIN 1488.

FLOW TEST WELL -- 12 HRS. RECOVERED 64 BBLS WATER W/ 1/2" CHOKE.

TIH W/RET HEAD, C/O FROM 4994 TO RBP @5050' AND PULLED PLUG, TIH AND TAGGED
SAND @5240, C/O 115 FT. AND PULLED PLUG @ 5355, TIH AND TAGGED SAND AT 7130.
TIH W/ 2 3/8" TBG. LANDED AT 5464'.

DAKOTA PERMANENTLY ABANDONED.

RDSUMO 3/20/97

3004524278

17. 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
CLIFFHOUSE	4960	5100		GREENHORN	7430	
MENEFEE	5350	5500				
PT LOOKOUT	6300	6500				
GALLUP	6792	6960				
GRANEROS	7470	7530				
DAKOTA	7530	TD				