

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*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐		5. LEASE DESIGNATION AND SERIAL NO. SF -078139	
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. Sandoval Gas Com A 1B	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1120' FNL 2205' FWL At top prod. interval reported below At total depth		9. API WELL NO. 30-045-30187	
14. PERMIT NO. DATE ISSUED 04/20/2000		10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde	
15. DATE SPURRED 05/27/2000		11. SEC., T., R., M., OR BLOCK, AND SURVEY OR AREA Section 35 Township 30N Range 09W	
16. DATE T.D. REACHED 06/04/2000		12. COUNTY OR PARISH San Juan	
17. DATE COMPL. (Ready to prod.) 07/18/2000		13. STATE New Mexico	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 5701' GR		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 4990		21. PLUG, BACK T.D., MD & TVD 4990'	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY Rotary	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 4115'-4846' Blanco Mesaverde		25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN TDT		27. WAS WELL CORED	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
9 5/8"	32.30#	146'	13 1/2"
7"	20# & 23#	2207'	8 3/4"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
4 1/2"	2066'	4989'	280 SXS
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	4741'		
PERFORATION RECORD (Interval, size, and number)			
1. 4493' - 4846' w/2 JSPF, .330 inch diameter, 46 shots			
2. 4115' - 4300' w/2 JSPF, .330 inch diameter, 44 shots			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
4493'	4846'	121,201# 16/30 Arizona sand	
4115'	4300'	83,408# 16/30 Arizona sand & Silckwater	
33.* PRODUCTION			
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) F		WELL STATUS (Producing or shut-in) SI
DATE OF TEST 07/16/2000	HOURS TESTED 12 hrs.	CHOKE SIZE 3/4"	PROD'N FOR TEST PERIOD
FLOW TUBING PRESS 168#	CASING PRESSURE 355#	CALCULATED 24-HOUR RATE	OIL - BBL. Trace
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TO BE SOLD		TEST WITNESSED BY AUG 02 2000	
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 <u>Melissa Velasco</u>		TITLE <u>Permitting Assistant</u>	
DATE <u>07/20/2000</u>			

*(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.

44000

Sandoval Gas Com A 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	NAME
			MEAS. DEPTH
Ojo Alamo	1220'		TRUE VERT. DEPTH
Kirtland	1452'		
Fruitland	2210'		
Pictured Cliffs	2520'		
Lewis Shale	2745'		
Cliff House	4110'		
Menefee	4315'		
Point Lookout	4705'		
Mancos	4888'		

COMPLETION SUBSEQUENT REPORT
Sandoval Gas Com A 1B
07/20/00

06/14/00 MIRUSU & Ran TDT logs.

06/26/00 RU & Perf 1st stage - the Point Lockout & Menefee formations @ the following intervals with 2 JSPF, .330 inch diameter, total 46 shots:

4493'	4558'	4721'	4769'	4829'
4498'	4564'	4733'	4778'	4833'
4507'	4569'	4739'	4783'	4846'
4513'	4573'	4758'	4801'	
4552'	4711'	4763'	4805'	

06/27/00 RU & Frac 1st stage w/500 GALS of 15% HCL Acid ahead then 121,201# 16/30 Arizona_sand. RU & Set CIBP @ 4355'.

RU & Perf 2nd Stage - the Cliffhouse Formation @ the following intervals with 2 JSPF, .330 inch diameter, total 44 shots:

4115'	4143'	4188'	4246'	4296'
4125'	4151'	4206'	4252'	4300'
4128'	4158'	4216'	4261'	
4133'	4165'	4224'	4267'	
4138'	4174'	4240'	4285'	

RU & Frac 1nd stage w/500 GALS of 15% HCL Acid then 83,408# of Slickwater & 16/30 Arizona_sand. SDFN.

07/07/00 ND Frac Valve & NU BOP. Lay 3" lines. TIH PU Mill & TBG to 2587'. TOH & SDFN.

07/10/00 TIH PU TBG & Tag fill @ 4136'. C/O to CIBP @ 4370'. RU & run flow well on $\frac{3}{4}$ " choke.

07/11/00 TIH & C/O to CIBP. Run sweep & start PU TBG & TIH. Tag fill @ 4570'. C/O to 4770'. Run sweep & TOH above liner to flow. Flow well to pit full open. SDFN.

07/12/00 TIH & C/O to 4989'. Blow well w/sweeps. Flow well natural for 2 $\frac{1}{2}$ hrs. TIH & Tag fill @ 4940'. TOH above liner. RU & flow well to pit w/ $\frac{3}{4}$ " choke.

COMPLETION SUBSEQUENT REPORT
Sandoval Gas Com A 1B
07/20/00

07/13/00 Flow well to pit. TIH & Tag fill & C/O to PBD. Taged 60' fill. Flow well full open and tag again. PU above perfs & let flow. Flow well w $\frac{3}{4}$ " choke & watchman.

07/14/00 Flow well w/watchman on choke. TIH & Tag fill @ 60' fill. C/O fill & flow well full open for 3 hrs. TIH & Tag @ 30' fill. C/O to PBD. TOH above liner top & RU to flow. SDFN.

07/15/00 Flow well to pit full open.

07/16/00 Flow well on $\frac{3}{4}$ " choke. Well SI for 12hrs. SICP 355#. Open well & flow for 12 hrs starting @ 230# & ending @ 125#. Average 168#.

07/17/00 TIH & Tag 50' fill. C/O to PBD. Flow well full open. TIH & Tag for reference. TOH above liner & RU to flow. Flow well to pit full open.

07/18/00 Flow well. TIH & Tag 25' fill. C/O to PBD of 4990'. TOH w/TBG & Mill. TIH w/Mullshoe, F Nipple & TBG. Tag 5' fill. PU & Land TBG @ 4741'. ND BOP & NU WH. RD stairs & floor.

RDSU & blow well around to clear O/2. Rig Released @ 17:30 hrs.