

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(See other
in-
structions)

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"/>		7. UNIT AGREEMENT NAME Mudge Com B 2	
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 checked="" type="checkbox"/> OTHER <input type="checkbox"/> Recompt & DHC		8. FARM OR LEASE NAME, WELL NO. Mudge Com B 2	
2. NAME OF OPERATOR Amoco Production Company		9. API WELL NO. 30-045-24040	
3. ADDRESS AND TELEPHONE NO. P.O. Box 3092 Houston, TX 281-366-4491		10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1660' FNL At top prod. interval reported At total		11. SEC., T., R., M., OR BLOCK, AND SURVEY OR AREA Section 14 Township 31N Range 11W	
14. PERMIT NO.		DATE ISSUED 12/27/1999	
12. COUNTY OR PARISH San Juan		13. STATE New Mexico	

15. DATE SPUDDED 04/09/1980	16. DATE T.D. REACHED 04/20/1980	17. DATE COMPL. (Ready to prod.) 08/18/2000	18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 6048'GR	19. ELEV. CASINGHEAD
20. TOTAL DEPTH, MD & TVD 7319	21. PLUG, BACK T.D., MD & TVD 7222	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY Rotary	24. ROTARY TOOLS CABLE TOOLS
PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 4253' - 5225' Blanco Mesaverde				25. WAS DIRECTIONAL SURVEY MADE NO
26. TYPE ELECTRIC AND OTHER LOGS RUN CBL				27. WAS WELL CORED

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#	212'	13 3/4"	200 SXS to Surface	
7"	23#	3204'	8 3/4"	650 SXS to Surface	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	3039'	7316'	500 SXS		2 3/8"	7089'	

PERFORATION RECORD (Interval, size, and number)

- 5100' - 5255' w/2 JSPF, .340 inch diameter, 14 shots
- 4970' - 5070' w/1 JSPF, .340 inch diameter, 11 shots
- 4825' - 4945' w/2 JSPF, .340 inch diameter, 10 shots
- 4355' - 4580' w/1 JSPF, .340 inch diameter, 18 shots
- 4253' - 4315' w/2 JSPF, .340 inch diameter, 11 shots

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

DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
4825'	5255'	80,000#	16/30 Arizona sand & 70 Quality Foam
4253'	4580'	82,000#	16/30 Arizona sand & \$ 70 Quality Foam

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 08/17/2000	HOURS TESTED 5 hrs.	CHOKE SIZE 3/4"	PROD'N FOR TEST PERIOD	OIL - BBL. Trace	GAS - MCF. 246 MCF	WATER - BBL. Trace	GAS-OIL RATIO
FLOW TUBING PRESS.	CASING PRESSURE 95#	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS - API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TO BE SOLD					TEST WITNESSED BY OCT 11 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 Mary Corley TITLE Sr. Regulatory Analyst DATE 08/22/2000

*(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.

NMOC

Mudge Com B 2

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.

CHIOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTINENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Cliff House	4340'					
Menefee	4588'					
Point Lookout	4975'					
Gallup	6230'					
Graheras Sand	7065'					
Dakota	7200					

Mudge Com B # 2
RECOMPLETION & DOWNHOLE COMMINGLING SUBSEQUENT REPORT
08/22/2000

08/08/2000 MIRUSU @ 14:00 hrs. NDWH & NU BOPs TO 3000#. TOH W/TBG. TIH w/CIBP & set @ 7222' to isolate lower Dakota. TIH w/2nd CIBP & set @ 5400'. Load hole w/2% KCL WTR. Pressure tested plug & CSG to 2500#. Held OK. RU & run CBL log.. Good CMT Bond. RD & SDFN.

08/09/2000 RU & Perf Point Lookout & Lower Menefee as follows:

Lower Point Lookout w/2 JSPF, .340 in diameter, total shots fired 14:
5100', 5145', 5170', 5190', 5205', 5235', 5255'

Main Point Lookout w/1 JSPF, .34 in. diameter, total shots fired 11:
4970', 4990', 4995', 5005', 5013', 5020', 5030', 5040',
5045', 5055', 5070'

Perf Lower Menefee as follows w/2 JSPF, .340 in diameter, total shots fired 10:
4825', 4835', 4885', 4930', 4945'

08/11/2000 RU & Frac Point Lookout & Lower Menefee w/80,000# 16/30 Arizona Sand & 70 % Q Foam N2. RU & TIH w/CIBP & set @ 4690'. RU & Perf the Lower & Upper Cliffhouse & Upper Menefee Formations as follows:

Lower Cliffhouse w/1 JSPF, .340 inch diameter, total shots fired 18:
4355', 4365', 4370', 4390', 4400', 4420', 4450', 4465', 4475',
4480', 4499', 4505', 4515', 4525', 4532', 4555', 4570', 4580'

Upper Cliffhouse w/2 JSPF, .34 in. diameter, total shots fired 11:
4253', 4255', 4265', 4315'

RU & Frac the Upper & Lower Cliffhouse w/82,000# 16/30 Arizona Sand & 70 % Q Foam N2. RU & flow back to pit thru $\frac{1}{4}$ " choke.

08/14/2000 Continued to flow back well to C/O. TIH w/mill & tag fill @ 4434'. Circ hole clean to top of CIBP @ 4690' PU above liner top & flowback to the pit.

08/15/2000 TIH w/mill & DO CIBP @ 4690'. Tag fill @ 5200'. Circ hole clean to CIBP @ 5200'. DO CIBP & Circ hole clean. PU above liner top & flow well overnight.

08/16/2000 TIH w/mill & tag tight spot @ 7130'. Mill on tight spot in 4 $\frac{1}{2}$ " CSG. TOH. Flow back well to pit

08/17/2000 TIH & Circ hole clean to CIBP @ 7222'. PU to liner top. Flow test well 5 hrs to tank on $\frac{3}{8}$ " choke. 1230 MCFD gas (246 MCF 5 hr. duration), trace oil, trace water, FCP 95#. SDFN.

08/18/2000 TIH with 2-3/8" production tubing and land at 7089'. Shut well in. RDMOSU Rig released @ 08:00 hrs.