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UNITED STATES

SUBMIT IN DUPLICATE*

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DIST. 3

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

5. LEASE DESIGNATION AND SERIAL NO.

NM-013686

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Pritchard SWD #1

9. APIWELLNO.

30 045 28351

10. FIELD AND POOL, OR WILDCAT

Wildcat Entrada

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

Sec. 34, T31N-R9W

12. COUNTY OR
PARISH
San Juan13. STATE
New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other Water Disposal

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other

2. NAME OF OPERATOR

Amoco Production Company Attn: John Hampton

3. ADDRESS AND TELEPHONE NO.

P.O. Box 800, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 615' FNL, 1840' FWL, Sec. 34, T31N-R9W NE/NW

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED
API 30 045 28351 10/18/90

15. DATE SPUDDED 11/1/90 16. DATE T.D. REACHED 12/23/90 17. DATE COMPL. (Ready to prod.) 2/3/91 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6061' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 8705' 21. PLUG, BACK T.D., MD & TVD 8620' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8382'-8600' Entrada (Disposal) 25. WAS DIRECTIONAL SURVEY MADE no

26. TYPE ELECTRIC AND OTHER LOGS RUN
Dil/Sp/GR/CAL/FDC27. WAS WELL CORRED
no

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
20"	94#	240'	26"	Surface (see Attached)	0 950
13 3/8"	68#	3203'	17.5"	Surface (see Attached)	0 847
9 5/8"	43.5#	5545'	12 1/4"	2800' (see attached)	0 997
7"	26#	8705'	8 1/2"	7100' (see attached)	0 1255

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
3 1/2"	8295'	

31. PERFORATION RECORD (Interval, size and number)

See attached

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See Attached	

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
N/A		SI/WO/disposal					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
N/A							
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	WELL-HEAD PRESS. (PSI)	WELL-HEAD TEMP. (°F)

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

N/A

35. LIST OF ATTACHMENTS

cement reports

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

SIGNED

John Hampton 223

TITLE

Sr. Staff Admin. BY

DATE

10-18-91

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

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	1612'	
				Kirtland	1680'	
				Fruitland	2560'	
				Pictured Cliffs	2882'	
				Lewis	3150'	
				Mesaverde	4650'	
				Mancos	5330'	
				Greenhorn	6130'	
				Graneros	7175'	
				Dakota	7230'	
				Morrison	7670'	
				Bluff	8085'	
				Entrada	8380'	

Spud a 26" surface hole on 11/1/90 at 14:45 hrs. Drilled to 242'. Set 20" 94# LP Weld casing, surface casing at 240'. Cemented with 475sx Cl G cement W/2% CACL2, tail W/475sx Cl G neat. Circulated 44 BBls to surface. Pressure tested casing to 800psi. Drilled a 17.5" hole to a TD of 3211' on 11/15/90. Set 13-3/8" 68# K-55 intermediate casing at 3203'. Cemented with (Stage 1) 104 BBls Cl G 65/35 poz cement, tail W/186 BBls Cl G cmt, displace with 180 BBls water and 287 BBls mud. Bump plug W/1230psi. Held OK. DV tool set at 1925'. Circ thru DV tool, recovered 60 BBls cement. Circ until return clean. (2nd Stage) 520BBls Cl G 65/35 poz cmt., tail with 37 bbls Cl G cmt., displace with 293 BBls water. Bump plug with 2150psi. Held Ok. Full returns during job. Cement to surface. Drilled out cement and Dv tool @ 1925'. Drilled a 12-1/4" hole to a TD of 5566' on 11/25/90. Set 9-5/8" 43.5# N-80 LT&C protective casing at 5545'. Cemented with (1st stage) 822sx Cl G 50/50 poz Cmt., tail W/100sx Cl G colorado cmt. DV tool set at 3032', (2nd Stage) Pump water preflush 160 BBLs inhibited water. Mix and pump 75 sxs Cl G Colorado tail. Displace W/234.5 BBls water 6BBls over. Bump plug with 1900psi. Held OK (cemented to 2800'). Wait on cement. Nipple down BOP set csg slips with 240000#. Cut off csg. Install 7" hanger and test to 3000psi. Held OK. Wait on double studded flange for BOP and choke manifold to 250psi low and 2000psi. for 10min Held OK. Tested pipe and blind rams chokes and kill valves ok. Drilled a 8-1/2" hole to a TD of 8705' on 12/21/90. Set 7" 26# N-80 LT&C injection string casing to 8705'. Cemented with (1st stage) pump 20 BBls of 2ppg gel water 5 BBls spacer water 100sx Cl G 35/65poz cmt, tail with 230sxs Cl G, displace with 40 BBls water and 290 BBls of 9.3 ppg 2% KCL water mixed with 9.3ppg calcium carbonate mud. Partial returns during job. Open Dv tool. Pump 70 BBls calcium carbonate mud and 308 bbls 9.3ppg mud. Pump at 3.3 BBls/min, returns of 1.0 BBls/min. Dv tool set at 5418'. (2nd stage) Pump 20 bbls water spacer, 850sxs Cl G 35/65 poz Cmt., tail with 75sxs Cl G and displace with 280bbls water. Job pumped at 4BBls/min, while pumping slurry we had 1BBl/min returns after pumping 200 BBls slurry we had full returns 100 BBls into displacement we had 1 BBl/Min returns and during the last 180BBls of displacement we had no returns. Bump plug and set tam packer with 3500psi. (cement top @ 7100' per CBL). Check Flow, no flow. Set slips with 170000#, cut off 7" csg string, Nipple down BOP. Rig released on 12/23/90 at 18:00 hours.

Perf: 1/21/91 Entrada

8382'-8440', W/4 JSPF, .76" diam., 232 shots open.
8456'-8466', W/4 JSPF, .76" diam., 40 shots open.
8476'-8528', W/4 JSPF, .76" diam., 208 shots open.
8534'-8600', W/4 jspf, .76" diam., 264 shots open.

Frac 1/27/91

Frac down casing with 3828 BFW 30# X-L titrate, 220,000# 20/40 sn, AIR 44 BPM, AIP 1000psi.