

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 1980
Santa Fe, New Mexico 87504-2088

FEB 5 1993

Form C-105
Revised 1-1-89

WELL NO.
30-039-21636

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION RECORD

a. Type of Well:
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

7. Lease Name or Unit Agreement Name
San Juan 28-7 Unit

b. Type of Completion:
NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐ Recompletion

2. Name of Operator
Amoco Production Company Attn: E. R. Nicholson

8. Well No.
249

3. Address of Operator
P. O. Box 800, Denver, CO 80201 (303) 830-5014

9. Pool name or Wildcat
Basin Fruitland Coal

4. Well Location
Unit Letter H : 1610 Feet From The North Line and 380 Feet From The East Line
Section 30 Township 28N Range 7W NMPM Rio Arriba County

10. Date Spudded 7/9/78 11. Date T.D. Reached 7/20/78 12. Date Compl. (Ready to Prod.) 1/16/93 13. Elevations (DF & RKB, RT, GR, etc.) 5953' GR 14. Elev. Casinghead

15. Total Depth 7021' 16. Plug Back T.D. 2625' 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By 19. Producing Interval(s), of this completion - Top, Bottom, Name 2317' - 2506' Basin Fruitland Coal 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run CNL/GR/CCL 22. Was Well Cored No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	32.3#	206'	13 3/4"	224 CF	
7 "	20#	2794'	8 3/4"	265 CF	
4 1/2"	10.5. & 11.6#	7021'	6 1/4"	654 CF	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					1 1/2"	2517'	

26. Perforation record (interval, size, and number)
2317-19, 2323-25, 2352-55, 2369-74,
2393-2405, 2412-14, 2416-18, 2490-2506
with 4 inch HCG, 8 JSPP, .46 hole
Total holes = 352.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
6696' - 6850' 66 ex Class B cement
2317' - 2506' See attached report.

28. PRODUCTION
Date First Production 1/15/93 Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) SI w/o 1st Delivery

Date of Test 1/15/93 Hours Tested 20 Choke Size 64/64 Prod'n For Test Period Oil - Bbl. -0- Gas - MCF 910 Water - Bbl. -0- Gas - Oil Ratio
Flow Tubing Press. 320 Casing Pressure 420 Calculated 24-Hour Rate Oil - Bbl. -0- Gas - MCF 1092 Water - Bbl. -0- Oil Gravity - API - (Corr.)

29. Disposition of Gas (Sold, used for fuel, vented, etc.) To be sold. Test Witnessed By

30. List Attachments

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature W. G. White Printed Name W. G. WHITE Title SFE Adm Snpv Date 2-2-93

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland 2112	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs 2510	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Chacra 3460	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Mesa Verde 4150	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout 4736	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup 5800	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	T. Greenhorn 6666	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Graneros 6730	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Dakota 6851	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____ No. 3, from _____ to _____
 No. 2, from _____ to _____ No. 4, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet
 No. 2, from _____ to _____ feet
 No. 3, from _____ to _____ feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0	2112	2112	-----				
2112	2510	398	Basin Fruitland Coal				
2510	2604	94	Pictured Cliffs				
3460	4150	690	Chacra				
4150	4736	586	Mesa Verde				
4736	5800	1064	Point Lookout				
5800	6666	866	Gallup				
6666	6730	64	Greenhorn				
6730	6851	121	Graneros				
6851	7021	170	Dakota				

**WIMS TREATMENT REPORT
FRACTURING REPORT
AMOCO PRODUCTION COMPANY Page: 1
OPERATING AREA:**

WELL SAN JUAN 28-7 (DK) 249	DATE 12/31/92
CONTRACTOR : HALLIBURTON	TIME START : 11:37
SUPERVISOR : AJ MARTINEZ	TIME END : 12:50
FRAC NAME : FOAM FRAC	FRAC TYPE : MICRO FRAC DONE : N
FRAC ZONE : FRUITLAND	MINI FRAC ANALYSIS : N
GROSS INTERVAL: - ftKB	NET STIMULATION : 189.0 ft

INITIAL RATE : 40.0 bbl/min @ 1633 psi	INITIAL BREAKDOWN : 1485 psi
FINAL RATE : 39.0 bbl/min @ 1925 psi	MAXIMUM PRESSURE : 1925 psi
MINIMUM RATE : 39.0 bbl/min @ 1294 psi	I.S.I.P. : 1773 psi
MAXIMUM RATE : 40.0 bbl/min @ 1925 psi	FINAL SHUT-IN : 1773 psi @ 15 min

PROPPANT	TOTAL FLUID : bbl	GAS VOLUMES
TOTAL USED : tons	PAD : 226.0 bbl	CO2: bbl
IN FORMATION : tons	MAIN BODY : 470.0 bbl	N2: SCF
MAX. CONC. : lb/ft3	FLUSH : 43.0 bbl	

NOTES:

FRACTURE FLUID NO. 01 OF 1		FRACTURE FLUID ADDITIVES			
FLUID NAME: FOAM FRAC	TOTAL PUMPED: 2,869.0 SCF	ADDITIVE NAME	CONC.	UNIT/SCF	VOLUME
FLUID TYPE: FOAM	TOTAL REMAINING IN WELL:	CLAY FIX 2	2.0	GALLONS	69.0
TEST TYPE: FLOW TEST	TEMP.: 69 °F	AQF2	5.0	GALLONS	147.0
NOTES:	PRESSURE: psi	SSO 21	2.0	GALLONS	65.0
	TIME: HRS	LGC 8	7.5	GALLONS	235.0
		FDP 496	0.5	LBS	9.0

PROPPANT NO. 001 OF 1	
PROPPANT NAME : BRADY SAND	PROPPANT SIZE : 20-40
PROPPANT TYPE : SAND	MAXIMUM CONCENTRATION : 5 lb/ft3
TOTAL USED : 90.0 tons	TOTAL IN FORMATION : 90.0 tons

STAGE INFORMATION							
STAGE NUMBER	001 OF 2		002 OF 2		OF		OF
STAGE TYPE	PAD		PUMP MAIN BODY				
FLUID NAME	FOAM FRAC		FOAM FRAC				
INTERVAL (ftKB)	2,317.0 - 2,506.0		2,317.0 - 2,506.0				
TOTAL FL PUMPED (bbl)	226.0		295.0				
FLUID RETURNED (bbl)							
% OIL/% H2O/% OTHER	/ /		/ /		/ /		/ /
	START	END	START	END	START	END	START
TIME	11:37	11:56	11:56	12:02			
RATE (bbl/min)		40.0	40.0	40.0			
TUBING (psi)							
CASING (psi)		1294	1294	1621			
TBG/TOOL DEPTH (ftKB)							
PACKER DEPTH (ftKB)							
S.P. DEPTH (ftKB)							
STAGE VOL. FLUID(bbl)	226.0		69.0				
STAGE VOL. GAS	290232.0 SCF		108950.0 SCF				
PROPPANT NAME	BRADY SAND		BRADY SAND				
PROPPANT SIZE	20-40						
PROPPANT CONC.(#/ft3)			1				