

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

5. LEASE DESIGNATION AND SERIAL NO.

NM-013688

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Atlantic LS 1

9. API WELL NO.

3004510348

10. FIELD AND POOL, OR WILDCAT

Blanco Pictured Cliffs

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

Section 25

Township 31N Range 10W

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

15. DATE SPUDDED

8-8-90

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

3-3-95

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6482' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5728

21. PLUG, BACK T.D., MD & TVD

4557 5650

22. IF MULTIPLE COMPL., HOW MANY*

2

23. INTERVALS DRILLED BY

ROTARY TOOLS

YES

CABLE TOOLS

NO

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*

3312-3366 Pictured Cliffs;

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR CBL Casing Inspection log

25. WAS DIRECTIONAL SURVEY MADE

No

27. WAS WELL CORED

No

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
10.75	32.75#	277' 224'	13.750	150 sx	
7.00 J55	20#	4981'	9.000	200 sx	
5 1/2		5726		175 sx	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5.5	4639	5726	175		2.375	5592	4631
					2.063	3362	

30. TUBING RECORD

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)	
2-18-95		Flowing				SI; W/O 1st delivery	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS - MCF	WATER - BBL.	GAS-OIL RATIO
2-25-95	2	16/64				28	0
FLOW TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	
65	80				336	N/A	

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

To Be Sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

C102, Perf & frac page

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

SIGNED

Patty Haeefe

TITLE

Staff Assistant

FAIRMONT DISTRICT OFFICE

*(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, lime tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPT
				Kirtland	2590	
				Fruitland	2949	
				Pictured Cliffs	3286	
				Lewis	3340	
				Cliffhouse	4897	
				Menefee	5135	
				Point Lookout	5527	
				Mancos	5698	

38. GEOLOGIC MARKERS

Recomplete to Pictured Cliffs; Casing repair to Mesaverde:

MIRUSU 1-30-95. NDWH, NUBOP. Ran Casing Inspection log, GR and CBL. Perf: 3400-3401' w/ 2 JSPF; total 2 shots fired.

Cement squeeze #1 with 3400-3401' w/ 278 sx Class B neat, 78 bbls. 15.6 ppg, 1.230 cuft/sx. Tag retainer at 3300'. Drill out 110' of cement to 3410', circulate hole clean. Log run on 2-7-95 had CBL 3300-3450'. Hole in casing at 2638-2607. Est rate at 1.5 bpm at 600 psi.

Perforate 3292-3293' w/ 2 JSPF, 2 total shots fired. Set cement retainer at 3200'.

Cement squeeze #2 with 61 sx Class B neat, 15.6 ppg, 1.230 cuft/sx. Set cement retainer at 2511'.

Cement squeeze #3 with 98 sx Class B neat, 15.6 ppg, 1.230 cuft/sx.

Cement squeeze #4 balanced plug from 1620' to 1941' with 59 sx Class B neat, 15.6 ppg, 1.230 cuft/sx.

Cement squeeze #5 balanced plug from 1148' to 1346' with 36 sx Class B neat, 15.6 ppg, 1.230 cuft/sx.

Cement squeeze #6 to repair holes between 190' and 221' with 96 sx Class B neat, 15.6 ppg, 1.230 cuft/sx.

Drilled out cement at: #6: 136-216; #5: 1190-1380; #4: 1660-1948; #3: 2497-2645; #2: 3192-3296 and cement retainers at 2511' and 3296'. Pressure test casing to 500 psi, held. Ran CBL with no pressure.

Perforate Pictured Cliffs w/ .450" diameter, 4" gun, 19 GMs, 700 psi, 120 deg

Perf: 3312-3312' w/ 1 JSPF

Perf: 3318-3318' w/ 1 JSPF

Perf: 3324-3324' w/ 1 JSPF

Perf: 3330-3330' w/ 1 JSPF

Perf: 3336-3336' w/ 1 JSPF

Perf: 3342-4218' w/ 1 JSPF

Perf: 3348-3348' w/ 1 JSPF

Perf: 3354-3354' w/ 1 JSPF

Perf: 3360-3360' w/ 1 JSPF

Perf: 3366-3366' w/ 1 JSPF

Frac Pictured Cliffs from 3312-3366' with 47,200 lbs of 16/30 sand, foam frac with 469,022 scf N2 at 33 bpm. ISIP 2450 psi. Max pr 3875 psi, 70% foam quality, 30 gel strength.

Perf: 3314-3364' w/ 2 JSPF, .450" diameter, 36 total shots fired, 4" gun, 120 deg phasing, 19 gms

After PC completion, cleaned out 73' of MV fill from 5577-5650' pbtd. TIH with 2.375" tubing, permanent packer set at 4361', tubing landed at 5592'. TIH with 2.063" tubing landed at 3362'. RDMOSU 3-3-95.

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 3004510348		Pool Code 72359	Pool Name Blanco Pictured Cliffs
Property Code 000278	Property Name Atlantic LS		Well Number 1
OGRID No. 000778	Operator Name Amoco Production Company		Elevation 6482'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	25	31N	10W	H	1650	North	990	East	San Juan

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 137.4		Joint or Infill		Consolidation Code		Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16						790' FEL 1650' ENL	¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i> Original on file <i>Patty Haefele</i> Signature Patty Haefele Printed Name Business Associate Title March 16, 1995 Date
							¹⁸ SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> Feb. 13, 1973 Date of Survey Signature and Seal of Professional Surveyor: Survey plat on file
							Certificate Number