

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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. NM 0606																			
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. Atlantic A LS 1B																			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FNL 1855' FEL At top prod. interval reported below At total depth		9. API WELL NO. 30-045-29982																			
14. PERMIT NO.		DATE ISSUED																			
15. DATE SPUDDED 10/30/1999		16. DATE T.D. REACHED 11/04/1999																			
17. DATE COMPL. (Ready to prod.) 12/17/1999		18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 6056'																			
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 5434																			
21. PLUG, BACK T.D., MD & TVD 5361'		22. IF MULTIPLE COMPL., HOW MANY*																			
23. INTERVALS DRILLED BY		ROTARY TOOLS YES																			
24. CABLE TOOLS NO		25. WAS DIRECTIONAL SURVEY MADE NO																			
26. TYPE ELECTRIC AND OTHER LOGS RUN TDT		27. WAS WELL CORED N																			
28. CASING RECORD (Report all strings set in well)																					
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PERFORATION RECORD (Interval, size, and number)																					
1. 5165' - 5326" w/2 JSPF. 370 in diameter, total 38 shots																					
2. 4705' - 4833" w/1 JSPF. 330 in diameter, total 16 shots																					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																					
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33.* PRODUCTION																					
DATE FIRST PRODUCTION 12/17/1999		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing																			
WELL STATUS (Producing or shut-in) SI																					
DATE OF TEST 12/16/1999		HOURS TESTED 6 hrs																			
CHOKE SIZE 3/4"		PROD'N FOR TEST PERIOD																			
OIL - BBL. Trace		GAS - MCF. 869 MCFD																			
WATER - BBL. Trace		GAS-OIL RATIO																			
FLOW TUBING PRESS 45#		CASING PRESSURE 160#																			
CALCULATED 24-HOUR RATE		OIL - BBL.																			
GAS - MCF.		WATER - BBL.																			
OIL GRAVITY - API (CORR.)																					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TO BE SOLD																					
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. Business Analyst DATE 12-27-1999

*(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.

AMOCO

ATLANTIC A LS 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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1607'		Sandstone			
Kirtland	1670'		Sandstone & Shale			
Fruitland Coal	2607'		Coal & Shale			
Pictured Cliffs	2972'		Shale			
Lewis Shale	3052'		Shale			
Cliff House	4627'		Sandstone			
Menefee Shale	4812'		Sandstone & Shale			
Point Lookout	5167'		Sandstone			
Mancos	5326'		Shale			

AMENDED COMPLETION SUBSEQUENT REPORT**Atlantic A LS 1B****12/27/1999**

11/10/1999 MIRUSU & Ran TDT logs.

11/11/1999 RU & Perf 1st stage - the Point Lockout formation @ the following intervals with 2 JSPF, .370 inch diameter, total 38 shots:

5165'	5214'	5284'
5170'	5220'	5290'
5174'	5230'	5295'
5185'	5233'	5314'
5191'	5239'	5320'
5197'	5266'	5326'
5208'		

11/03/1999 Frac 1st stage 5165' - 5326' pumped /500 GALS of 15% HCL Acid ahead then 98,614# 16/30 Arizona sand & 70% Quality N2 Foam. RU & TIH w/CIBP & set @ 4950'. RU & Perf 2nd stage - the Cliffhouse Formation @ the following intervals with 1 JSPF, .330 inch diameter, total 16 shots:

4705'	4738'	4773'
4708'	4745'	4779'
4714'	4758'	4791'
4719'	4764'	4829'
4723'	4767'	4833'
4730'		

12/1/1999 RU & Frac 2nd Stage 4705' - 4833' - pumped 500 GAL of 15% HCL Acid ahead then Frac w/70,798# 16/30 Arizona sand & 70% Quality N2 Foam. RU flow back lines & start flowing back w/ ½" choke. Starting PSI 1140#. Flowed well to pit. Max press 1140# Min. Press 210#. Upsized to ¾" choke. Starting @ 170#, after 6 hrs. 25#. SWIFN.

12/2/1999 Flow test well w ¾" choke. Initial press 480#. 863 MCFD. SWI.

12/13/1999 Open well & flow for 12 hrs to blowdown to NU BOP> ND Frac Valve & NU BOPs. TIH PU mill & TBG. Tag fill & PU above liner SWI.

12/14/1999 TIH & tag fill @ 4820'. C/O 109' fill & drill up CIBP @ 4929'. TOH above liner & RU to flowback. Flowback w ¾" choke.

12/15/1999 Flowing w/watchman on ¾" choke. TIH from liner & tag @ 5273'. C/O to PBD of 5361'. TOH above liner & RU to flow. Flow well w/ ¾". Starting PSI 175#.

12/16/1999 Flowing well w/choke. TIH from liner & tag 0 fill. TOH w/TBG & mill. TIH w/2 3/8" TBG & land @ 5221'. ND BOP & NU wellhead. RU & pull TBG plug. Flow test well thru ¾" choke 6 hrs. 869 MCFD Trace WTR, Trace oil. FTP 4533, CSG Pressure 160#.

RDMOSU Rig released 1630 Hrs.