

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐		b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☒ DIFF. RESVR. ☐ OTHER ☐	
2. NAME OF OPERATOR Amoco Production Company		Attention: Mary Corley	
3. ADDRESS AND TELEPHONE NO. P.O. Box 3092 Houston, TX		281-366-4491	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2300' FNL At top prod. interval reported below At total depth		14. PERMIT NO. DATE ISSUED 02/14/2000	
15. DATE SPUDDED 04/16/2000		16. DATE T.D. REACHED 04/20/2000	
17. DATE COMPL. (Ready to prod.) 05/10/2000		18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 5771' GR	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 4892	
21. PLUG, BACK T.D., MD & TVD 4837		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY Rotary		24. ROTARY TOOLS Rotary	
25. WAS DIRECTIONAL SURVEY MADE NO		26. TYPE ELECTRIC AND OTHER LOGS RUN TDT	
27. WAS WELL CORED			
28. CASING RECORD (Report all strings set in well)			
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
9 5/8"	32.3	148'	12 1/4"
7"	20	2075'	8 3/4"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
4 1/2" 10.5	1875'	4892'	268 SXS Litecrete
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	4633'		
31. PERFORATION RECORD (Interval, size, and number)			
1. 4417' - 4726' w/2 JSPF, .330 inch diameter, 34 shots			
2. 3998' - 4271' w/1 JSPF, .330 inch diameter, 20 shots			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
4417'	4726'	99.253# 16/30 Arizona sand & 70 Quality Foam	
3998'	4271'	98.719# 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 05/07/2000	HOURS TESTED 8 hrs.	CHOKE SIZE 3/4"	PROD'N FOR TEST PERIOD
FLOW TUBING PRESS	CASING PRESSURE 235#	CALCULATED 24-HOUR RATE	OIL - BBL. Trace
GAS - MCF. 1600		WATER - BBL. Trace	
OIL GRAVITY - API (CORR.)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TO BE SOLD		TEST WITNESSED BY ACCEPTED FOR RECORD	
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

TITLE

Sr. Business Analyst

FARMINGTON FIELD OFFICE
BY

(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.

NMOCD

Heath Gas Com A 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	1163'		Sandstone			
Kirtland	1327'		Sandstone & Shale			
Fruitland Coal	2069'		Coal & Shale			
Pictured Cliffs	2372'		Shale			
Lewis Shale	2554'		Shale			
Cliff House	3995'		Sandstone			
Menefee Shale	4175'		Sandstone & Shale			
Point Lookout	4591'		Sandstone			
Mancos	4790'		Shale			

COMPLETION SUBSEQUENT REPORT**Heath Gas Com A 1B****05/09/2000**

04/25/2000 MIRUSU & Ran TDT logs.

04/27/2000 NU & pressure test CSG to 3000#. Held OK. RU & Perf 1st stage - the Point Lockout formation @ the following intervals with 2 JSPF, .330 inch diameter, total 34 shots:

4417'	4599'	4650'	4700'
4427'	4612'	4660'	4708'
4439'	4620'	4680'	4714'
4474'	4643'	4689'	4726'
4492'			

05/01/2000 RU & Frac 1st stage 4417' - 4726' pumped /500 GALS of 15% HCL Acid ahead then 99,253# 16/30 Arizona sand & 70% Quality Foam. RU & TIH w/CIBP & set @ 4344'. RU & Perf 2nd stage - the Cliffhouse Formation @ the following intervals with 2 JSPF, .330 inch diameter, total 20 shots:

3998'	4051'	4104'	4154'
4013'	4069'	4124'	4160'
4019'	4076'	4134'	4170'
4043'	4082'	4140'	4267'
4047'	4096'	4145'	4271'

RU & Frac 2nd Stage 3998' - 4271' - pumped 500 GAL of 15% HCL Acid ahead then Frac w/98,719# 16/30 Arizona sand & 70% Quality Foam. NU Flowback & RU lines. Open well to pit w/watchman on ¼" choke. Upsize to ½" choke @ midnight.

05/02/2000 Flow well w/watchman on ½" choke for 4 hrs. Upsize to ¾" choke @ 0400 hrs. Flow for 4 hrs. Final PSI 40#. MIRUSU & BD well. ND Frac valve & NU BOP.

05/03/2000 TIH & C/O sand fill to CIPB @ 4344'. Mill up CIBP & finish TIH & C/O fill to PBTD @ 4837'. Circ well clean. PU above liner & RU & flow back w/watchman on ¾" choke.

05/04/2000 Flowback w/watchman on ¾"choke. Ave PSI 77#. TIH & C/O 25' fill. PU & flow well to cleanup. PU above liner. RU & flow well w/watchman on ¾" choke.

05/05/2000 Flowback w/watchman on ¾"choke. Ave PSI 85#. TIH & C/O 30' fill. PU & flow well to cleanup. PU above liner & SDFN.

05/06/2000 Well shut-in 12 hrs. Open well on ¾" choke & Flow for 8 hrs. SDFN.

05/07/2000 Well shut-in 12 hrs. Open well on ¾" choke & Flow test well for 8 hrs. 1600 MCF gas, Trace Oil, Trace WTR, CSG 235# SDFN.

05/09/2000 TIH & tag 12' of fill. C/O to PBTD. RU & TIH w/production TBG & land @ 4633'. ND BOP & NUWH. Pull TBG plug. SI Well

03/10/2000 RDMOSU Rig released @ 10:00 hrs.