

Distr. I - (305) 393-6161  
PO Box 1980  
Hobbs, NM 88241-1980  
District II - (505) 748-1283  
811 S. First  
Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Road  
Aztec, NM 87410  
District IV

New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

Form C-140  
Originated 11/1/95

Submit Original  
Plus 2 Copies  
to appropriate  
District Office

APPLICATION FOR  
QUALIFICATION OF WELL WORKOVER PROJECT  
AND CERTIFICATION OF APPROVAL

THREE COPIES OF THIS APPLICATION MUST BE FILED WITH THE APPROPRIATE DISTRICT OFFICE OF THE OIL CONSERVATION DIVISION.

- I. Operator: Amoco Production Company OGRID #: 000778  
Address: P.O. Box 800, Denver, Colorado 80201  
Contact Party: Patricia J. Haeefe Phone: (303) 830-4988
- II. Name of Well: T.L. Rhodes C 1E API #: 3004526131  
Location of Well: Unit Letter E, 1850 Feet from the North line and 790 Feet from the West line, Section 30, Township 28N, Range 11W, NMPM, San Juan County.
- III. Date Workover Procedures Commenced: 10/11/95  
Date Workover Procedures were Completed: 10/20/95
- IV. Attach a description of the Workover Procedures undertaken to increase the production from the Well.
- V. Attach an estimate of the production rate of the Well (a production decline curve or other acceptable method, and table showing monthly oil and/or gas Project Production) based on at least twelve (12) months of established production which shows the future rate of production based on well performance prior to performing Workover.
- VI. Pool(s) on which Production Projection is based:  
Simpson-Gallup/Blanco Mesaverde
- VII. AFFIDAVIT:  
State of Colorado )  
County of Denver ) ss.  
)

RECEIVED  
AUG 27 1995  
OIL CON. DIV.  
DIST. 3

Patricia J. Haeefe, being first duly sworn, upon oath states:

1. I am the Operator or authorized representative of the Operator of the above referenced Well.
2. I have made, or caused to be made, a diligent search of the production records which are reasonably available and contain information relevant to the production history of this Well.
3. To the best of my knowledge, the data used to prepare the Production Projection for this Well is complete and accurate and this projection was prepared using sound petroleum engineering principles.

Patricia J. Haeefe  
(Name)  
Staff Assistant  
(Title)

SUBSCRIBED AND SWORN TO before me this 21st day of August, 1996.

Patricia J. Archuleta  
Notary Public

My Commission expires: August 12, 1999

FOR OIL CONSERVATION DIVISION USE ONLY:

VIII. CERTIFICATION OF APPROVAL:

This Application for Qualification of Well Workover Project is hereby approved and the above referenced Well is designated as a Well Workover Project pursuant to the "Natural Gas and Crude Oil Production Incentive Act" (Laws 1995, Chapter 15, Sections 1 through 8). The Oil Conservation Division hereby verifies the Production Projection for the Well Workover Project attached to this application. By copy of this Application and Certification of Approval, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project has been completed as of 10/20, 1995.

J S 8  
District Supervisor, District 5  
Oil Conservation Division

Date: 5/24/96

IX. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT.

DATE: \_\_\_\_\_

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\*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF-080844	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/> <u>Recompletion</u>		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 800, Denver, Colorado 80201 (303) 830-4988		8. FARM OR LEASE NAME, WELL NO. USA-T.L. Rhodes C 1E	
4. LOCATION OF WELL. (Report location clearly and in accordance with any State requirements)* At surface 1850' FNL & 790' FWL UNIT E At top prod. interval reported below At total depth		9. API WELL NO. 3004526131	
14. PERMIT NO.		DATE ISSUED	
15. DATE STUDDIED 12/30/84		16. DATE T.D. REACHED 1/9/85	
17. DATE COMPL. (Ready to prod.) 10/30/95		18. ELEVATIONS (DF, RKD, RT, GR, ETC.)* 5924' KB	
19. ELEV. CASING HEAD 5911' GR		10. FIELD AND POOL, OR WILDCAT Simpson-Gallup	
20. TOTAL DEPTH, MD & TVD 6499		21. PLUG BACK T.D., MD & TVD 6249	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS YES CABLE TOOLS NO	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* Gallup 5757-5794'		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN CBL		27. WAS WELL CORED 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
9.625" H-40	32.3#	339'	12.25"	295 cu.ft. Class B	
7.000" K-55	23#	6499'	8.75"	1st stage: 767 cu.ft. C1 B	
				2nd stage: 1036 cu.ft. C1 B	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2.375	5783'	

31. PERFORATION RECORD (Interval, size and number) See attachment		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) See attachment AMOUNT AND KIND OF MATERIAL USED	
--	--	---	--

33. PRODUCTION							
DATE FIRST PRODUCTION 10/18/95		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing				WELL STATUS (Producing or shut-in) S/A-WAITING ON PIPLN	
DATE OF TEST 10/18/95	HOURS TESTED 16	CHOKE SIZE 16/64	PROD'N FOR TEST PERIOD	OIL - BBL 0	GAS - MCF 440	WATER - BBL 45	GAS-OIL RATIO
FLOW TUBING PRESS 0	CASING PRESSURE 480	CALCULATED 24-HOUR RATE	OIL - BBL 0	GAS - MCF 660	WATER - BBL 68	OIL GRAVITY - API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold	TEST WITNESSED BY
--	-------------------

35. LIST OF ATTACHMENTS Perf & frac page
---

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		
SIGNED <u>Patty Haebele</u>	TITLE <u>Staff Assistant</u>	DATE <u>Nov. 1, 1995</u>

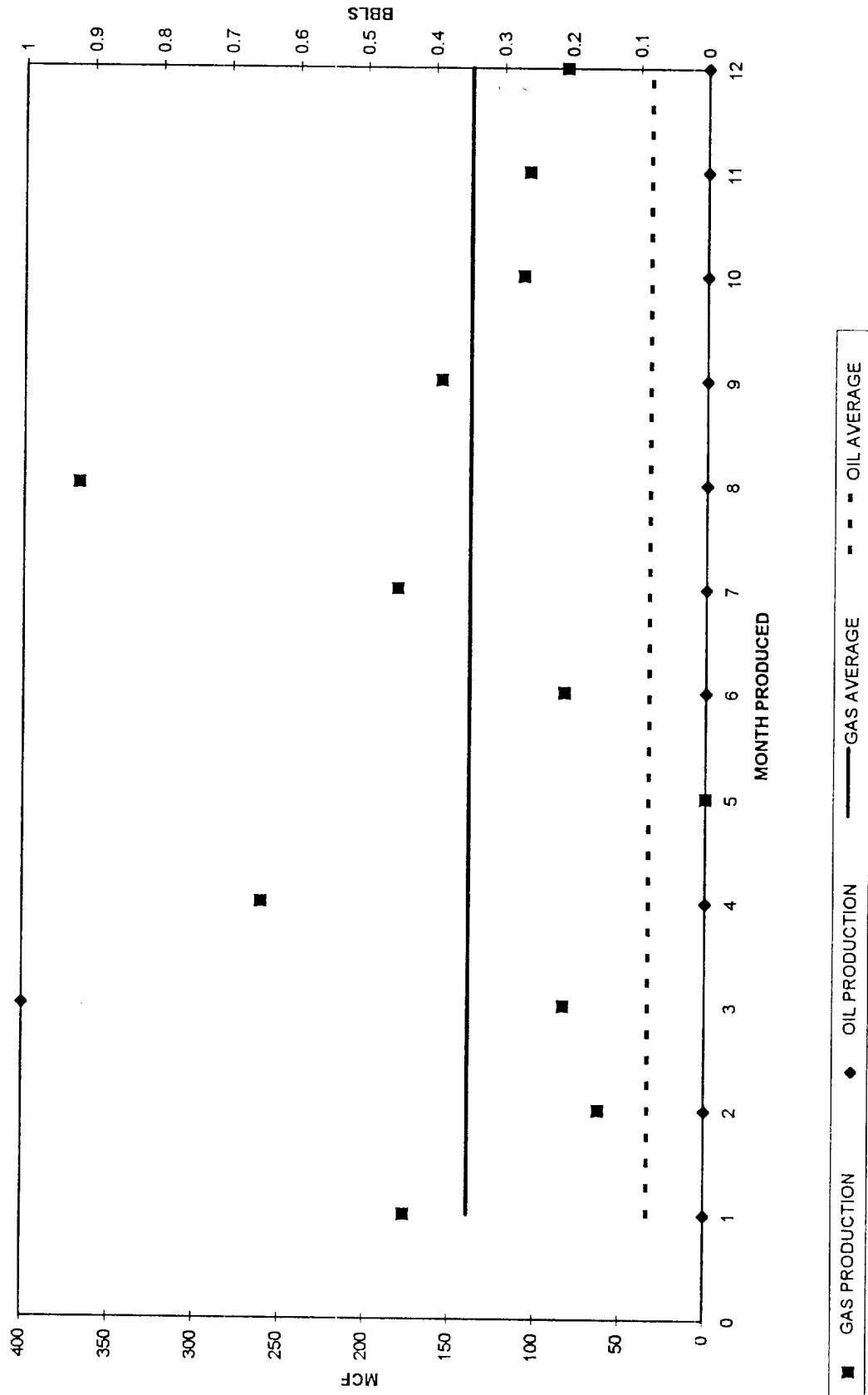
USA-T L Rhodes /C/ #1E

30-045-26131

Sec. 30 T28N R11W

MIRUSU 10/11/95. Set retainer at 6214'. Squeeze 6149-6426 ft with 10 bbls cement. Pressured up. Sting out of ret and spot cement. TOH to 6249', 2 bbls on top of ret, rev out 11 bbls excess cement to pit. PBTD is now 6149 ft. Pressure test 500 psi, held. Run CBL from 5990'- surface. Had good isolation above and below Gallup interval. TOC 306 ft. Limited entry perforations: 5757, 5760, 5764, 5766, 5770, 5791, 5792, 5794 ft with 1 JSPF. .400" diameter, 8 total shots, 4" gun, 120 deg phasing, 22.7 gms. Set packer at 5670 ft, test packer and casing to 500 psi, held. Frac 5757-5794 ft with 115,407 lbs 16/30 Brady sand; 1,000,561 scf; 70% quality; max pressure 4701 psi, max rate 27.8 bpm. Flow and swab well. Land tubing at 5783 ft. RDMOSU 10/20/95.

# STRAIGHT LINE METHOD



T.L. Rhodes C 1E

WELLNAME	WELLNO	POOL	FLAC	API	LOCATION	MONTH	OIL	GAS
T. L. Rhodes C	1E	Simpson-Gallup/Blanco Mesaverde		3004526131	E 30 28N 11W	10/94	0	176
						11/94	0	62
						12/94	1	83
						01/95	0	261
						02/95	0	0
						03/95	0	83
						04/95	0	181
						05/95	0	368
						06/95	0	156
						07/95	0	108
						08/95	0	105
						09/95	0	83
					12-month average - Projected Trend			0 139