

SUBSCRIBED AND SWORN TO before me this 23rd day of August, 1996.

PATRICIA J. ARCHULETA
NOTARY PUBLIC
STATE OF COLORADO

Notary Public

My Commission expires.

My Commission Expires 08/12/1999

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 11/20, 1995.

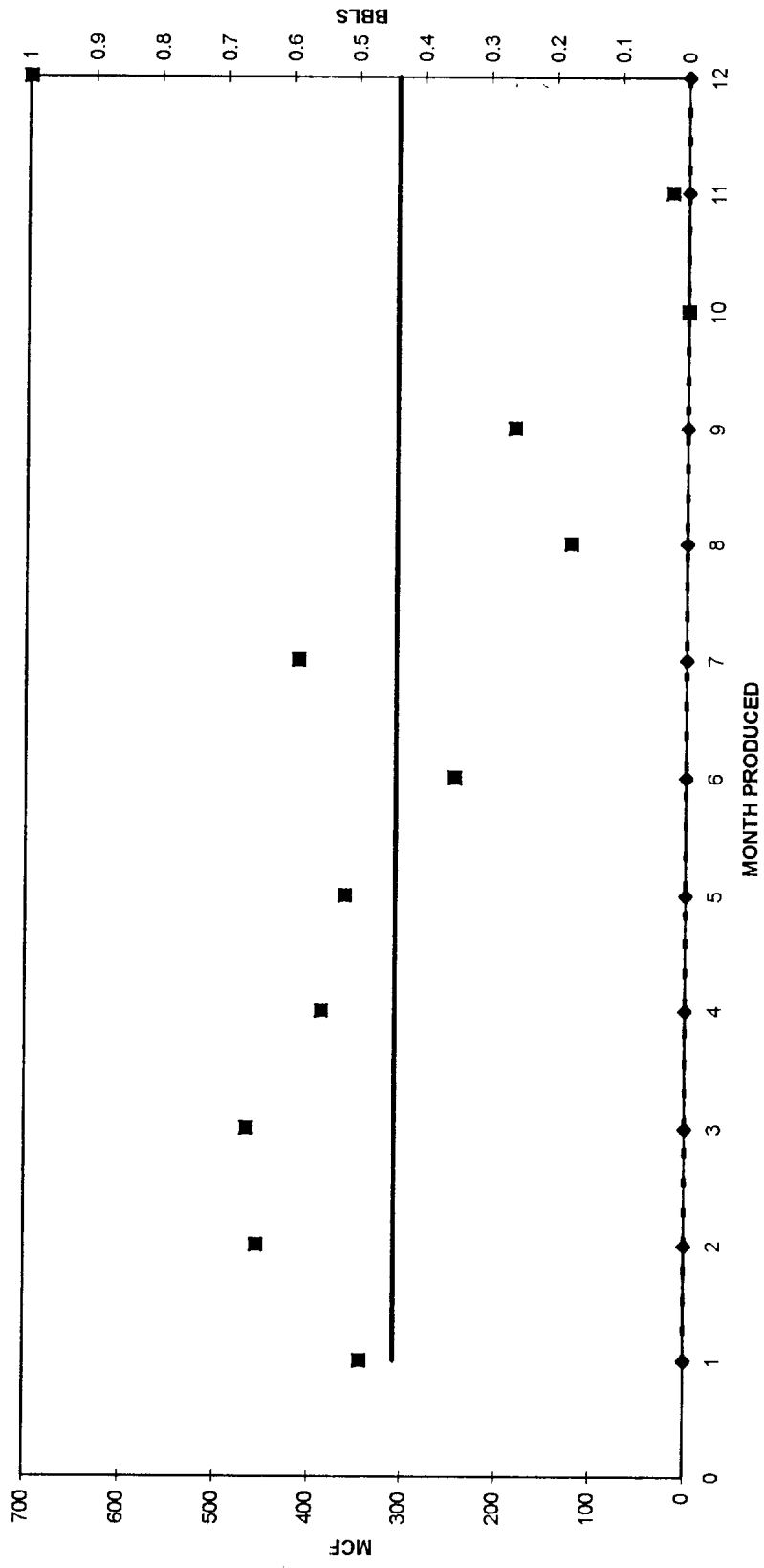
District Supervisor, District 3
Oil Conservation Division

Date: 9/12/96

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

DATE: _____

STRAIGHT LINE METHOD



■ GAS PRODUCTION ◆ OIL PRODUCTION — GAS AVERAGE - - - OIL AVERAGE

Neal A #9R

WELLNAME	WELLNO	POOL	FLAC	API	LOCATION	MONTH	OIL	GAS
Neal A	#9R	Blanco Mesaverde/Basin Dakota		3004523950	M 4 31N 11W	11/94	0	344
						12/94	0	455
						01/95	0	466
						02/95	0	387
						03/95	0	362
						04/95	0	246
						05/95	0	413
						06/95	0	123
						07/95	0	183
						08/95	0	0
						09/95	0	17
						10/95	0	699
					12-month average - Projected Trend			0 308

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*

RECEIVED
MAIL ROOM

95 NOV 21 PM 12:19

Recompletion
0707 FARMINGTON, NM

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESV. ☐ OTHER ☒

2. NAME OF OPERATOR: Amoco Production Company
Attention: Gail M. Jefferson

3. ADDRESS AND TELEPHONE NO.: P.O. Box 800, Donvor, Colorado 80201 (303) 830-6157

4. LOCATION OF WELL. (Report location clearly and in accordance with any State requirements)*
At surface 830' FSL 1085' FWL UNIT M

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

15. DATE STUDDERED 04/30/80 16. DATE T.D. REACHED 05/10/80 17. DATE COMPL. (Ready to prod.) 11/20/95 18. ELEVATIONS (DE, RKB, RT, GR, ETC.)* 6240 GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 7595' 21. PLUG, BACK T.D., MD & TVD 6500' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*

Blanco Mesavordo 4941'-5470'

26. TYPE ELECTRIC AND OTHER LOGS RUN Tracor 3350'-5565' 27. WAS WELL CORDED N

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
9-5/8"	36#	230'	12-1/4"	175 xxs, TOC: surface	
7"	23#	3500'	8-3/4"	050 xxs, TOC: 700'	
4-1/2"	10.5 & 11.6#	7595'	6-1/4"	525 xxs, TOC: 3340'	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	3340'	7595'	525 xxs		2-3/8"	5281'	4747'

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

33.* PRODUCTION							
DATE FIRST PRODUCTION 11 11 1995		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST 11 17 1995	HOURS TESTED 24 hrs	CHOKER SIZE 1/2"	PROD'N FOR TEST PERIOD	OIL - DBL. Traco	GAS - MCF. 950 mcf	WATER - DBL. 2 bbls	GAS-OIL RATIO
FLOW TUBING PRESS 130#	CASING PRESSURE 300#	CALCULATED 24-HOUR RATE	OIL - DBL.	GAS - MCF.	WATER - DBL.	OIL GRAVITY - API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To Be Sold SRBU RECEIVED TEST WITNESSES ACCEPTED FOR RECORD

35. LIST OF ATTACHMENTS NOV 30 1995

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Gail M. Jefferson ADMINISTRATIVE GROUP TITLE Sr. Admin. Staff Asst. FARMINGTON DISTRICT OFFICE

Well 29R - Recompletion

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):

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Cliffhouse	4460'	4798'	Sand, Gas	Greenhorn	7230'	
Menefee	4798'	5190'	Sand, Shale			
Pt. Lookout	5190'	5290'	Sand, Gas			
Gallup	5370'	6950'	Sand, Shale			
Graneros	7340'	7430'	Sand, Gas			
Dakota	7430'	TBD	Sand, Gas			

Neal A 9R (Formerly Neal 2) - Recompletion - Subsequent

MIRUSU 11/6/95

Set a cmt retainer from 7003'-7005' on tbg. Squeeze from 7344'-7584' with 50 sacks Class B neat and spotted 35 sacks Class B neat above retainer from 6500' to 7003'. New PBTD 6500'.

Pressure tested casing to 3500# from 12' to 6500'. Tst'd for 15 mins. held ok.

Perf'd: 4943', 4947', 5053', 5106', 5110', 5112', 5193', 5196', 5198', 5205', 5211', 5217', 5222', 5235', 5245', 5247', 5262', 5264', 5266', 5277', 5279', 5281', 5305', 5312', 5332', 5370', 5468', w/1 jspf, .340 inch diameter, 120 degree phasing, 12.5 grams, Total 27 shots fired.

Pumped ball off displaced w/47 bbls filtered fresh water and pressured up to 3000#. Hit balls three times. Released pressure. Max PSI 3000#, Max Rate 8.2 BPM. THH w/pkr, set pkr @ 4747'. Knocked off balls.

Frac'd from 4943'-5266'. Used 990 bbls wtr, and 783,534 scf of N2 to create 70% quality foam along w/200,893# of 16/30 Arizona sand. Max PSI 1620, Max Rate 27.0 BPM.

Ran Tracer from 3350'-5565'.

Perf'd: 5190'-5283', 5304'-5307', 5310'-5313', 5330'-5334', 5368'-5373', 5466'-5470', 4941'-4949', 5050'-5056', 5101'-5115', w/2 jspf, .340 inch diameter, 12.5 grams, 120 degree phasing, Total 272 shots fired.

Tst'd from 4943'-5468' for 24 hrs on 1/2" choke, recovered Trace of oil, 950 mcf, 2 bbls water. FTP 130#, Casing Pressure 300#.

THH Land 2 3/8" tbg @ 5281'.

RDMOSU 11/20/95.