

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT(See other in-
structions on
reverse side)FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

SF-078904

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

GCU # 232

9. API WELL NO.

3004511630

10. FIELD AND POOL, OR WILDCAT

KUTZ PICTURED CLIFFS, WEST (GAS)

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

Section 26

Township

28N

Range

12W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

1a. TYPE OF WELL:

OIL
WELL☐GAS
WELL☒

DRY

☐

OTHER

b. TYPE OF COMPLETION:

NEW
WELL☐

WORK OVER

☐DEEP-
EN☐PLUG
BACK☐DIFF.
RESVR.☐

OTHER

RECOMPLETION

2. NAME OF OPERATOR

AMOCO PRODUCTION COMPANY

Attention:

MARY CORLEY

3. ADDRESS AND TELEPHONE NO.

P.O. BOX 3092 HOUSTON, TX 772

281-366-4491

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

1190' fsf

990' FWL

At top prod. interval reported below

At total depth

UNIT M

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

15. DATE SPUDDED
03/09/196616. DATE T.D. REACHED
03/19/196617. DATE COMPL. (Ready to prod.)
01/06/199918. ELEVATIONS (DF, RKB, RT, GR, ETC.)
5844'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD
630121. PLUG, BACK T.D., MD & TVD
1840'22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BYROTARY TOOLS
YESCABLE TOOLS
NO

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

KUTZ PICTURED CLIFFS, WEST (GAS) 1597 - 1640'

25. WAS DIRECTIONAL
SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

CBL CCL

27. WAS WELL CORED

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
8 5/8"	24#	357'	12 1/4"	200 SXS	NONE
4 1/2"	10.5#	6301'	7 7/8"	500 SXS 1ST STAGE	
				550 SXS 2ND 2ND STAGE	
				400 SXS 3RD STAGE	

29.

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	1705'	

30. TUBING RECORD

PERFORATION RECORD (Interval, size, and number)

1597 - 1640', 4 JSPF, .410 INCH DIAMETER, TOTAL 172 SHOTS FIRED

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1597 1640	74,967# 16/30 ARIZONIA SAND

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)					WELL STATUS (Producing or shut-in)	
04/18/1966		FLOWING					SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS-OIL RATIO	
12/28/1998	10	1/4"		TRACE	TSTM	39		
FLOW TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)		
N/A	120#							

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

TO BE SOLD

TEST WITNESSED BY

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

DATE

02-04-1999

(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.

NMOC

ARMINGTON DISTRICT OFFICE

2/4/99

Amoco	GCU-232	12/24/98
Perforated with 3 1/8 hegs guns: 4 s/f 16.0 gram charge .41 E. H. 18.53 inch of peneration From 1597 To 1640 172 Shots Total		
Post-It™ brand fax transmittal memo 7671 # of pages > 1		
To	GAIL	From
Co.	Amoco	Co.
Dept.		Phone #
Fax #		Fax #
		505-325-5006

1597.0	1607.0	1617.0	1627.0	1637.0
0.3	0.3	0.3	0.3	0.3
0.6	0.6	0.6	0.6	0.6
0.9	0.9	0.9	0.9	0.9
1598.0	1608.0	1618.0	1628.0	1638.0
0.3	0.3	0.3	0.3	0.3
0.6	0.6	0.6	0.6	0.6
0.9	0.9	0.9	0.9	0.9
1599.0	1609.0	1619.0	1629.0	1639.0
0.3	0.3	0.3	0.3	0.3
0.6	0.6	0.6	0.6	0.6
0.9	0.9	0.9	0.9	0.9
1600.0	1610.0	1620.0	1630.0	
0.3	0.3	0.3	0.3	
0.6	0.6	0.6	0.6	
0.9	0.9	0.9	0.9	
1601.0	1611.0	1621.0	1631.0	
0.3	0.3	0.3	0.3	
0.6	0.6	0.6	0.6	
0.9	0.9	0.9	0.9	
1602.0	1612.0	1622.0	1632.0	
0.3	0.3	0.3	0.3	
0.6	0.6	0.6	0.6	
0.9	0.9	0.9	0.9	
1603.0	1613.0	1623.0	1633.0	
0.3	0.3	0.3	0.3	
0.6	0.6	0.6	0.6	
0.9	0.9	0.9	0.9	
1604.0	1614.0	1624.0	1634.0	
0.3	0.3	0.3	0.3	
0.6	0.6	0.6	0.6	
0.9	0.9	0.9	0.9	
1605.0	1615.0	1625.0	1635.0	
0.3	0.3	0.3	0.3	
0.6	0.6	0.6	0.6	
0.9	0.9	0.9	0.9	
1606.0	1616.0	1626.0	1636.0	
0.3	0.3	0.3	0.3	
0.6	0.6	0.6	0.6	
0.9	0.9	0.9	0.9	

GALLEGOS CANYON UNIT #232
RECOMPLETION SUBSEQUENT REPORT
2/4/99

12/16/98 - MIRU. TIH set CIBP at 6045'. Circulated hole clean. Test csg to 1000#. Did not hold. TOH. Pressure test again to 1000#. Did not hold. TIH with pkr to look for hole in csg. Hole found at 1624 - 1686'. TOH laid down pkr and RU to log. Ran CBL and CCL trying to determine TOC. TOC at 1506.

Initial contact with BLM's Steve Mason prior to all cementing stages. TIH to plug off lower zone. Set cmt plug from 6045 - 5795 with 38 sxs class B cmt. Set cmt plug from 5262 to 5012 with 50 sxs class B cmt.

Perforated at 3210', 2 JSPF, .350 inch diameter, total 2 shots fired. Set cmt retainer at 3170'. Pumped 50 sxs class B cmt below retainer. Strung out and pumped 18 sxs class B on top of retainer.

PU to 2040' spotted cmt plug pumping 19 sxs class B. PU to 1670' spotted 50 sxs then PU to 1327' and reverse circulated hole clean. Pressured up to 500#. Held pressure for 30 min. TOH pressure up again to 500#. Held pressure.

TIH to drill out cmt. Tag cmt at 1397'. Pressure tested to 1000#. Held OK. Drilled out to PBTD at 1840'. Circulated hole clean. Tested to 1000#. Held OK. TOH.

Ran CBL from 1840 to 800' to ensure casing integrity. Good bond through out.

Perforated at 1597 - 1640' with 4 JSPF, .410 inch diameter, total 172 shots fired. Please note perfs are continuous from top to bottom with perfs at every three inches as per attached perf report from Schlumberger.

Frac'd with 74,967# 16/30 Arizona sand.

RU flow back tree. Flow back frac on 1/4" choke. TIH tag sand at 1493'. Cleaned out with air from 1493 - 1840'. PU to perfs. TIH tag sand at 1828'. Cleaned out with air to 1840'. PU to middle of perfs at 1620'. RU to flow back. 12/28/98 Flowed on 1/4" choke for 10 hrs. Trace oil, 39 BBLS water, gas TSTM. IFCP 120# to 0# 10 hrs later.

TIH tag fill at 1832' cleaned out. TOH. LD bit. TIH land 2 3/8" tbg at 1705'.

RU to swab. Made 10 runs, recovered 6 BBLS of water. SIW. TIH, made another 10 runs, recovered 5 BBLS water. Made several swab runs, recovered 20 BBLS water. ICP - 0#, SICP - 120#.

SIFN, Took pressure readings - 105# CP, 10# TP. Blew tbg pressure down. Made another swab run, found fluid at 1350'. LD swab, landed production tubing at 1705'

Ran pump and rod

RDMOSU 1/5/99

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, New Mexico 87505

Form C- 04
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator name and Address Amoco Production Company P.O. Box 3092 ATTN: Mary Corley Houston, TX 77253		OGRID Number 000778
API No. 30-04511630		Reason for Filing Code RC
Pool Name KUTZ PICTURED CLIFFS, WEST (GAS)		Pool Code 79680
Property Code 000570	Property Name GALLEGOS CANYON UNIT	Well Number 232

II. Surface Location

UL or lot no. UNIT M	Section 26	Township 28N	Range 12W	Lot. Idn	Feet from the 1190	North/South Line SOUTH	Feet from the 990	East/West Line WEST	County San Juan
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Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
Lse Code F	Producing Method Code F	Gas Connection Date	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date				

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
151618	EL PASO FIELD SERVICES P.O. BOX 4490 FARMINGTON, NM 87499-4990	2822859	G	
9018	GIANT REFINING CO. P.O. BOX 12999 SCOTTSDALE, ARIZONA 85267	2822658	O	

IV. Produced Water

POD 2822658	POD ULSTR Location and Description
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IV. Well Completion Data

Spud Date 03/09/1966	Ready Date 01/06/1999	TD 6301'	PBTD 1840'	Perforations 1597 - 1640'	DHC, DC, MC
Hole Size 12 1/4"	Casing & Tubing Size 8 5/8"	Depth Set 357'	Sacks Cement 200 SXS		
7 7/8"	4 1/2"	6301'	500 SXS 1ST STG. 550 SXS		
TUBING	2 3/8"	1705'	2ND STG. 400 SXS 3RD STG.		

IV. Well Test Data

Date New Oil	Gas Delivery Date	Test Date 12/28/1998	Test Length 10 HRS.	Tbg. Pressure N/A	Csg. Pressure 120#
Choke Size 1/4"	Oil TRACE	Water 39 BBLS	Gas TSTM	AOF	Test Method F

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:

Title:

Date:

Mary Corley

SR BUSINESS ANALYST

02-04-1999

Phone: 281-366-4491

OIL CONSERVATION DIVISION

Approved By:

Title:

Approval Date:

37.8
SUPERVISOR DISTRICT #3

FEB 11 1999

If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature

Printed Name

Title

Date