

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

6. Lease Designation and Serial No.

NM-06105

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

FEDERAL GAS COM /L/ #1E

9. API Well No.

3004525544

10. Field and Pool, or Exploratory Area

Basin DK/Blanco MV

11. County or Parish, State

SAN JUAN

NEW MEXICO

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

AMOCO PRODUCTION COMPANY

Attention:

Mike Curry

3. Address and Telephone No.

P.O. Box 800, Denver, Colorado 80201

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1090' FNL 1640' FEL Sec. 14 T 30^NR 11^W NW/4NE/4

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

- ☒ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Restore DK Production

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please see attached.

RECEIVED
MAY 19 1994
OIL CON. DIV.
DIST. 3

RECEIVED
MAY 19 1994

14. I hereby certify that the foregoing is true and correct

Signed

Mike Curry

Title

Business Analyst

Date

5-5-94

(This space for Federal or State office use)

Approved by

Title

Conditions of approval, if any:

APPROVED
Date
MAY 16 1994

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 representations as to any matter within its jurisdiction.

WORKOVER PROCEDURE
FEDERAL GAS COM "N" #1

OBJECTIVES: (1) Remove fish from 5.5" casing, (2) cement squeeze and abandon the Dakota perforations, and (3) return the well to production as a single MV producer.

CURRENT WELL CONDITION: Well was drilled and completed in 1983. 5.5" 17# and 15.5# casing set at 7130'. The upper Mesaverde (Cliff House) was cement squeezed in 5/84 to shut off Mesaverde water. A CIBP was set above the lower Dakota in 5/88 to shut off Dakota water. PBTD is 6970'. In 12/91 attempted to PXA the Dakota and recompleate the well in the Fruitland coals. The 2.0625" tubing had parted and was pulled in pieces. The production packer set at 6558' and 300' of 2.0625" tubing were left in the hole and the recompletion was not attempted.

PROCEDURE:

1. MIRUSU.
2. Blow well down. Kill if necessary with 2% KCl water.
3. NDWH, NUBOP's.
4. PU and RIH with work string and fishing equipment.
5. Recover the 300' of 2.0625" tubing and the 5.5" production packer. POH and lay down fish.
6. TIH and run scraper to 6790'. POH.
7. TIH with cement retainer. Set RET at 6775'. Cement squeeze the Dakota perforations. Pull out of retainer and dump 200' of cement on top of the retainer. WOC.
8. RIH and set CIBP at 5000'. Cap with 50' cement.
9. RIH with 2 3/8" tubing with a mule shoe on bottom and a seat nipple one joint off bottom. Land at 4760'.
10. Swab Mesaverde and return the well to production.
11. After well is producing with minimal upsets, RDMOSU and turn well over to pumper.

MDG.94.05.02.

~~XX~~ 1/92 Left 300' of 2 1/16" TBG and the 5-5" PKZ in the hole.

FEDERAL GAS COM L #1E aka FEDERAL GAS COM N #1
Location - 14B-30N-11W
DUAL DK & MV
Orig. Completion - 2/83
Last File Update - 1/90 by MGM

~~XX~~ Before Work In 12/91 and 1/92

QA AT 989
KL AT 1113

FT AT 2068
PC AT 2393
LS 2459

MV AT 4083 MV--2SPF PERF 4099-4108

SQUEEZED 5/84

4132-4138

SQUEEZED 5/84

4144-4200

MV--2SPF PERF 4712-4716

4741

4769

4741-4769

GP AT 5940

MANCOS 6460
GREENHORN 6680
GRANEROS 6740
SHALE

DK AT 6795 DK--2SPF PERF 6795-6810

6872-6907

7007-7024

7047-7053

6970
PBTD AT 7084 FT.

TOTAL DEPTH 7135 FT.

BOT OF 9.625 IN OD CSA 367
40.0 LB/FT. HC-95 CASING
TOC - SURF

TOC @ 200' (by TS)

DV @ 2609

FRAC 105M gal 75q foam 150M# SND

FRAC 70M gal 75q foam 105M# SND
BOT OF 1.25 IN OD TBG AT 4752
DV @ 5083

PACKER @ 5558 (BAKER LOCKSET)

FRAC 113M gal 75q foam 132M# SND

BOT OF 2.0625 IN OD TBG AT 6904

CIBP AT 6970 5/88

FRAC 87M gal 75q foam 116M# SND

BOT OF 5.5 IN OD CSA 7130
17 LB/FT. N-80 CASING, W/1760 SKS

5/88- SET CIBP @ 6970' ABOVE Lower DAK x BURRO CANYON
5/84- 30" CH PERFS 4099'-4200'



Amoco Production Company

CASING AND TUBING TALLY

LEASE/UNIT/FACILITY FEDERAL GC N#19 L#1E WELL No. DATE 12/31, 1982PIPE RUN. SIZE 9 5/8 WEIGHT 40# GRADE H695 TYPE JOINT BUTTRESS MAKE _____ NO. FT. _____

PIPE RUN. SIZE _____ WEIGHT _____ GRADE _____ TYPE JOINT _____ MAKE _____ NO. FT. _____

PIPE RUN. SIZE _____ WEIGHT _____ GRADE _____ TYPE JOINT _____ MAKE _____ NO. FT. _____

NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	TALLY OF JOINTS NOT RUN
1	90	51		101		151		201		251		NO. LENGTH OF JOINT
2	44.70	52		102		152		202		252		1 2000
3	1.60	53		103		153		203		253		2
4	49.95	54		104		154		204		254		3
5	47.16	55		105		155		205		255		4
6	47.32	56		106		156		206		256		5
7	39.35	57		107		157		207		257		6
8	47.45	58		108		158		208		258		7
9	47.10	59		109		159		209		259		8
10	47.20	60		110		160		210		260		9
11		61		111		161		211		261		10
12		62		112		162		212		262		11
13		63		113		163		213		263		12
14		64		114		164		214		264		13
15		65		115		165		215		265		14
16		66		116		166		216		266		15
17		67		117		167		217		267		16
18		68		118		168		218		268		17
19		69		119		169		219		269		18
20		70		120		170		220		270		19
21		71		121		171		221		271		20
22		72		122		172		222		272		21
23		73		123		173		223		273		22
24		74		124		174		224		274		23
25		75		125		175		225		275		24
26		76		126		176		226				20.00
27		77		127		177		227				
28		78		128		178		228				NO. JOINTS DELIVERED 10
29		79		129		179		229				NO. JOINTS RUN 10
30		80		130		180		230				
31		81		131		181		231				TOTAL RUN—OVERALL 352.93
32		82		132		182		232				OFF FOR THREADS —
33		83		133		183		233				TOTAL—THREADS OFF 352.93
34		84		134		184		234				TOP PIPE BELOW:
35		85		135		185		235				☐ ROTARY DRIVE BUSHING KB 14.00
36		86		136		186		236				☐ DERRICK FLOOR
37		87		137		187		237				DEPTH LANDED 366.93
38		88		138		188		238				REMARKS:
39		89		139		189		239				C56 LANDER @ 367
40		90		140		190		240				1ST JT- GUIDE SHOE
41		91		141		191		241				3RD JT- FLOAT COLLAR
42		92		142		192		242				
43		93		143		193		243				GOOD OUT TO SURFACE
44		94		144		194		244				
45		95		145		195		245				
46		96		146		196		246				Measure tubular goods with steel tape
47		97		147		197		247				only. Use white tape when possible.
48		98		148		198		248				Record tape readings in feet and
49		99		149		199		249				hundredths.
50		100		150		200		250				

372.93

Form 943 2-71
(12-70)

APPROVED

Amoco Representative

ADMN 95039



Amoco Production Company

019-111C

CASING AND TUBING TALLY

LEASE/UNIT/FACILITY Federal 9.c. LIE & N WELL No. 1 DATE 1-15-1983

PIPE RUN. SIZE 5 1/2 WEIGHT 15.50 GRADE L-55 TYPE JOINT STC MAKE _____ NO. FT. _____

PIPE RUN. SIZE 5 1/2 WEIGHT 17.0 GRADE N-80 TYPE JOINT ATC MAKE _____ NO. FT. _____

PIPE RUN. SIZE _____ WEIGHT _____ GRADE _____ TYPE JOINT _____ MAKE _____ NO. FT. _____

NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	TALLY OF JOINTS NOT RUN
1	1 40	51	41 60	101	42 32	151	42 43	201		251		NO. LENGTH OF JOINT
2	39 50	52	42 60	102	42 50	152	42 44	202	WALKER 40	252	STC	33 00
3	2 40	53	41 95	103	40 95	153	42 42	203	WALKER 41	253	STC	42 53
4	37 20	54	41 95	104	42 25	154	42 43	204		254	CUT OFF	25 53
5	42 33	55	42 15	105	42 45	155	42 55	205		255	STC	
6	41 85	56	42 60	106	42 47	156	42 44	206		256		5
7	42 40	57	41 21	107	42 45	157	42 45	207		257		6
8	41 30	58	41 80	108	42 55	158	42 47	208		258		7
9	38 50	59	42 38	109	42 56	159	42 35	209		259		8
10	31 60	60	41 67	110	42 63	160	42 45	210		260		9
11	42 35	61	42 07	111	42 53	161	42 33	211		261		10
12	38 13	62	40 83	112	42 45	162	42 43	212		262		11
13	42 75	63	42 72	113	42 43	163	42 45	213		263		12
14	42 10	64	42 40	114	42 44	164	42 20	214		264		13
15	41 87	65	36 26	115	42 45	165	42 45	215		265		14
16	42 65	66	43 02	116	42 45	166	42 47	216		266		15
17	41 35	67	42 17	117	42 43	167	42 55	217		267		16
18	41 90	68	41 24	118	42 32	168	42 45	218		268		17
19	38 60	69	41 10	119	42 48	169	42 38	219		269		18
20	42 90	70	42 40	120	42 45	170	42 52	220		270		19
21	38 80	71	42 20	121	42 47	171	42 42	221		271		20
22	41 80	72	42 63	122	42 43	172	42 43	222		272		21
23	41 70	73	40 25	123	42 45	173	42 45	223		273		22
24	41 15	74	42 22	124	42 44	174	42 45	224		274		23
25	42 49	75	40 25	125	42 45	175	42 45	225		275		24
26	41 10	76	43 00	126	42 47	176	42 53	226				101 06
27	41 85	77	38 09	127	42 42	177		227				
28	41 85	78	41 55	128	42 43	178		228			NO. JOINTS DELIVERED	176
29	42 38	79	37 75	129	42 44	179		229	2		NO. JOINTS RUN	174
30	42 12	80	42 08	130	42 46	180		230				
31	42 65	81	40 80	131	42 45	181		231			TOTAL RUN-OVERALL	7166.32
32	42 20	82	39 59	132	42 44	182		232			OFF FOR THREADS	50.06
33	40 40	83	33 00	133	42 44	183		233			TOTAL-THREADS OFF	7116.26
34	41 10	84	41 27	134	42 47	184		234			TOP PIPE BELOW	
35	42 27	85	38 55	135	42 45	185		235			☒ ROTARY DRIVE BUSHING	14.00
36	40 65	86	41 25	136	42 48	186		236			☐ DERRICK FLOOR	
37	41 80	87	40 75	137	42 47	187		237			DEPTH LANDED	7130'
38	42 10	88	41 80	138	42 45	188		238			REMARKS:	
39	39 85	89	41 95	139	42 47	189		239			1 ST JT SHOE	
40	35 30	90	42 25	140	42 40	190		240			5 TH JT FLOAT	
41	41 35	91	42 25	141	42 42	191		241				
42	42 95	92	37 77	142	42 35	192		242			5 TH D.V. @ 5083'	
43	42 20	93	42 05	143	42 39	193		243			TOP D.V. @ 2609'	
44	41 15	94	41 90	144	42 40	194		244				
45	41 87	95	41 80	145	42 30	195		245				
46	41 87	96	43 45	146	42 44	196		246			Measure tubular goods with steel tape only. Use white tape when possible.	
47	40 80	97	42 50	147	42 47	197		247			Record type readings in feet and hundredths.	
48	42 33	98	41 59	148	42 44	198		248				
49	42 47	99	42 10	149	42 46	199		249				
50	40 64	100	42 00	150	42 45	200		250				

1974.27 2062.76 2100.66 1103.59

Form 943 2-71
(12-70)

APPROVED

Brazey

Amoco Representative

ADMN 95038

7261.08 + D.V. 6.30 = 7267.38



Amoco Production Company

CASING AND TUBING TALLY

LEASE/UNIT/FACILITY FEDERAL G.C. C WELL No. 1E DATE 6-1, 1988PIPE RUN. SIZE 2 1/16 WEIGHT 3.25 GRADE X1-80 TYPE JOINT EUE 8RT MAKE _____ NO. FT. 6991.66

PIPE RUN. SIZE _____ WEIGHT _____ GRADE _____ TYPE JOINT _____ MAKE _____ NO. FT. _____

PIPE RUN. SIZE _____ WEIGHT _____ GRADE _____ TYPE JOINT _____ MAKE _____ NO. FT. _____

MEASURED THREADS OFF

NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	TALLY OF JOINTS NOT RUN
M.S. 1	5 00	51	64 50	101	67 10	151		201		251		NO. LENGTH OF JOINT
2	33 44	52	62 46	102	67 82	152		202		252		1 29 52
J.M. 3	80	53	68 19	103	62 82	153		203		253		2 4 46
4	33 43	54	65 53	104	65 42	154		204		254		3 33 36
5	68 20	55	62 54	105	64 12	155		205		255		4 34 38
6	68 35	56	63 77	106	66 43	156		206		256		5
7	68 29	57	68 19	107	65 48	157		207		257		6
8	64 49	58	64 12	108	65 74	158		208		258		7
PACKER 9	3 50	59	65 78	109	68 44	159		209		259		8
SUB 10	7 88	60	68 00	110	68 58	160		210		260		9
11	67 20	61	68 16	111	66 01	161		211		261		10
12	67 55	62	68 27	112	29 52	162		212		262		11
13	68 35	63	68 14	113	4 46	163		213		263		12
14	66 30	64	68 12	114	33 36	164		214		264		13
15	65 42	65	68 00	115	34 38	165		215		265		14
16	68 24	66	68 35	116		166		216		266		15
17	68 69	67	68 12	117		167		217		267		16
18	66 62	68	68 15	118		168		218		268		17
19	68 09	69	65 00	119		169		219		269		18
20	68 60	70	68 36	120		170		220		270		19
21	66 63	71	67 10	121		171		221		271		20
22	68 48	72	68 50	122		172		222		272		21
23	67 00	73	63 42	123		173		223		273		22
24	68 15	74	67 27	124		174		224		274		23
25	68 41	75	67 26	125		175		225		275		24
26	66 38	76	68 05	126		176		226				101 72
27	68 63	77	66 23	127		177		227				
28	68 44	78	68 62	128		178		228		NO. JOINTS DELIVERED	214	
29	67 42	79	66 80	129		179		229		NO. JOINTS RUN	209	
30	68 33	80	68 02	130		180		230				
31	67 64	81	67 99	131		181		231		TOTAL RUN—OVERALL		
32	66 75	82	67 51	132		182		232		OFF FOR THREADS		
33	66 70	83	68 31	133		183		233		TOTAL—THREADS OFF	6889.94	
34	68 53	84	64 96	134		184		234		TOP PIPE BELOW:		
35	68 52	85	67 86	135		185		235		☒ ROTARY DRIVE BUSHING	14.00	
36	68 19	86	65 61	136		186		236		☐ DERRICK FLOOR		
37	20 00	87	68 12	137		187		237		DEPTH LANDED	6903.94	
38	19 53	88	68 10	138		188		238		REMARKS:		
39	20 03	89	67 79	139		189		239		#1 MULE SHOE		
40	19 88	90	68 13	140		190		240		#3 SEATING NIPPLE		
41	19 84	91	66 00	141		191		241		#9 PACKER LOCK SET PACKER		
42	67 56	92	66 61	142		192		242		#10 SUB		
43	67 74	93	67 35	143		193		243		#37-141 BLAST JTS		
44	65 10	94	66 63	144		194		244		#112-115 BAD TRG		
45	67 26	95	67 35	145		195		245		PACKER TOP AT 6558.44		
46	66 37	96	66 39	146		196		246		Measure tubular goods with steel tape		
47	68 10	97	67 73	147		197		247		only. Use white tape when possible.		
48	65 30	98	68 19	148		198		248		Record tape readings in feet and		
49	66 89	99	66 82	149		199		249		hundredths.		
50	63 16	100	68 35	150		200		250		S.A. AT 6864.70		

IN REPLY REFER TO:
(07337)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
1235 La Plam Highway
Farmington, New Mexico 87401

Attachment to Notice of

Re: *Plug Back*

Well: *LE Federal Gas*
Com L

CONDITIONS OF APPROVAL

. Mike Flaniken with the Farmington Office is to be notified at least 24 hours before the *Plug Back* operations commence (505) 599-8907.

. The following modifications to your *Plug back* program are to be made (when applicable):

- 1.) *Place a cement plug inside the casing from 5,990' to 5,890' plus 50 linear feet excess cement. (Gallup top 5,970')*

Office Hours: 7:45 a.m. to 4:30 p.m.