

Submit 1 Copy To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
October 13, 2009

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-045-24364
1. Type of Well: Oil Well ☐ Gas Well ☒ Other		5. Indicate Type of Lease STATE ☐ FEE ☒
2. Name of Operator BP America Production Company		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 3092 Houston, TX 77253-3092		7. Lease Name or Unit Agreement Name Elliott Gas Com S
4. Well Location Unit Letter F : 1830 feet from the North line and 1640 feet from the West line Section 33 Township 30N Range 09W NMPM San Juan County		8. Well Number 1E
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5775'		9. OGRID Number 778
		10. Pool name or Wildcat Basin Dakota

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
OTHER: ☒		OTHER ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work).
SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Reference RBDMS MPK1110126678

March 2010 BP replaced the primary plate O rings both inner and outer and packed around the plate with Teflon sticks.

BP intends to find out what is creating the 200 psi & communication on the intermediate outlet. The plan is to pump plastic injection packing and retest the secondary tubing head seals. Once we get the test we will bleed off the intermediate pressure and monitor the casing pressure.

Testing the secondary seals (success or failure) will help determine if there is a failed seal, shallow casing leak in the 4.5" or migrating gas to surface via the 4.5 x 7" annulus.

When the communication is eliminated we can retest the bradenhead.

Please see attached last 2 tests, current wellbore schematic including formation & cement tops and gas analysis.

Spud Date: 11/12/1980 Rig Release Date:

Repair to be complete before 7/15-11

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Cherry Hlava TITLE Regulatory Analyst DATE 05/11/2011

Type or print name Cherry Hlava E-mail address: hlavacl@bp.com PHONE: 281-366-4081

For State Use Only

APPROVED BY: Cherry Hlava TITLE SUPERVISOR DISTRICT # 3 DATE MAY 20 2011

Conditions of Approval (if any):

A



OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC NM 87410
(505) 334-6178 FAX: (505) 334-6170
[http://emnr.d.state.nm.us/ocd/District III/3distric.htm](http://emnr.d.state.nm.us/ocd/District%20III/3distric.htm)

(submit 1 copy to above address)

Date of Test 4-8-11 Operator BPAmerica API #30-0 45-24364
Property Name Elliot GCS Well No. 1E Location: Unit F Section 33 Township 30N Range 9W
Well Status (Shut-In or Producing) Initial PSI: Tubing 186 Intermediate 300 Casing 187 Bradenhead 0

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE			INTERM	
	BH	Int	Csg	Int	Csg
TIME			187		
5 min	0	200	200	125	125
10 min	0	200	187	90	98
15 min	0	200	187	75	86
20 min				65	75
25 min				55	69
30 min				50	64

FLOW CHARACTERISTICS BRADENHEAD INTERMEDIATE	
Steady Flow	/
Surges	RCVD APR 8 '11
Down to Nothing	OIL CONS. DIV.
Nothing	DIST. 3
Gas	/
Gas & Water	
Water	

If bradenhead flowed water, check all of the descriptions that apply below:

CLEAR FRESH SALTY SULFUR BLACK

5 MINUTE SHUT-IN PRESSURE

BRADENHEAD 

INTERMEDIATE 85

REMARKS:

REMARKS: BH blew to nothing in 2 seconds
Blue gas with Surges - Very hard blow - Blue gas - very hard blow at 5 min.
Hard blow - No Blue gas at 10 min. - Hard Blow at 15 min.

By Kay Jadesma
Teck

Witness 1. [Signature]

(Position)

E-mail address



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC NM 87410
(505) 334-6178 FAX: (505) 334-6170
[http://emnr.state.nm.us/ocd/District III/3district.htm](http://emnr.state.nm.us/ocd/District%20III/3district.htm)

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 3-28-11 Operator BPP America API #30-0 45-24364
Property Name Elliott GC.5 Well No. 1E Location: Unit F Section 33 Township 30 Range 9
Well Status (Shut-In or Producing) Producing Initial PSI: Tubing 180 Intermediate N/A Casing 183 Bradenhead 200

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE					
	Bradenhead		INTERM			
	BH	Int	Csg	Int	Csg	
TIME						
5 min	110		115			
10 min	85		98			
15 min	70		78			
20 min	55		70			
25 min	50		60			
30 min	45		55 50			

FLOW CHARACTERISTICS	
BRADENHEAD	INTERMEDIATE
Steady Flow <u>/</u>	
Surges	
Down to Nothing	RCVD MAR 28 '11
Nothing	OIL CONS. DIV.
Gas	DIST. 3
Gas & Water	
Water	

If bradenhead flowed water, check all of the descriptions that apply below:

CLEAR _____ FRESH _____ SALTY _____ SULFUR _____ BLACK _____

5 MINUTE SHUT-IN PRESSURE

BRADENHEAD 75

INTERMEDIATE N/A

REMARKS:

BH - 1" ball valve Blew head first 5 min w/ blue gas at start
never blew down. Casing dropped with bradenhead.

By

Lay J. J. J.
TECK T.P.S
(Position)

Witness

Mona Kuehling
request a gas sample & schematic

E-mail address _____

Elliott GC S #1E

Sec 33, T30N, R9W

API # 30-045-24364

GL: 5775'

History:

Completed in 1/81

Cleanout 12/2001

Change MV 1/2008

Well head repair, 3/2010

BH failed test 04/11

Formation Tops

Ojo Alamo	995
Kirtland	1119
FT-Coal	2069
Pictured Cliffs	2420
Chacra	3427
Cliffhouse	4059
Menefee	4227
Point Lookout	4660
Dakota	6816

Dakota Perforations

6818' - 6846' 2 spf

6930' - 6946' 2 spf

6950' - 6960' 2 spf

frac'd w/ 175,000#'s sand

PBTD: 7044'

est. TOC @ surface (circ)

9-5/8" 32.3# H40 ST&C @ 333'

300 sxs cmt (circulated)

est. TOC @ surf (circ)

7" 20#, K55 ST&C @ 2823'

470 sxs cmt

TOC @ 740' ('81 CBL)

Tubing: 2-3/8" 4.7#, J55 8rd @ 6950'

F-Nipple @ 6946'

4-1/2" 10.5#, K55 ST&C @ 7068'

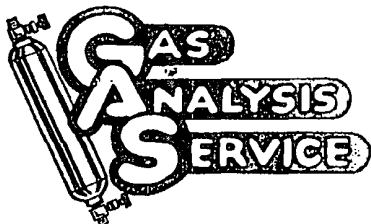
420 sxs cmt

NOTES:

BH still failed after replacing seal on tubing hanger an intermediate section 4/11.

* Log comments indicate TOC above 740'

updated: 5/4/11 EC



(505) 325-6622

ANALYSIS NO. AM030159

WELL/LEASE INFORMATION

COMPANY: AMOCO PRODUCTION COMPANY PRESSURE: 50 PSIG
WELL NAME: ELLIOTT GAS COM 1E SAMPLE TEMP.: DEG.F
LOCATION: F 33-30-9 WELL FLOWING: NO
FORMATION: DATE SAMPLED: 5/13/93
COUNTY: SAN JUAN, NM SAMPLED BY: B. GARRISON-L & L
SAMPLE SRC: BRADENHEAD PROD FOREMAN: LARRY HUMPHREY
REMARKS:

ANALYSIS

COMPONENT	MOLE %	GPM**	B.T.U.*	SP. GR.*
NITROGEN	1.051	0.0000	0.00	0.0102
CO2	0.059	0.0000	0.00	0.0009
METHANE	87.298	0.0000	883.71	0.4835
ETHANE	6.890	1.8389	122.21	0.0715
PROPANE	2.823	0.7763	71.20	0.0430
I-BUTANE	0.480	0.1567	15.65	0.0096
N-BUTANE	0.673	0.2118	22.01	0.0135
I-PENTANE	0.228	0.0834	9.16	0.0057
N-PENTANE	0.151	0.0546	6.07	0.0038
HEXANE	0.347	0.1511	17.85	0.0112
TOTAL	100.000	3.2728	1147.86	0.6529

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.696 & 60 DEG. F

COMPRESSIBILITY FACTOR (1/Z) 1.0028
BTU/CU.FT. (DRY) CORRECTED FOR (1/Z) 1148.5
BTU/CU.FT. (WET) CORRECTED FOR (1/Z) 1128.5
REAL SPECIFIC GRAVITY 0.6544

ANALYSIS RUN AT 14.696 PSIA & 60 DEGREES F

CYLINDER PRESSURE: 26 PSIG

CYLINDER NO.: GAS-026

DATE RUN: 5/13/93

ANALYSIS RUN BY: SEENA SPENCER



1115 FARMINGTON AVE. (FARMINGTON, NM 87401

(505) 325-6622

ANALYSIS NO. AM030160

WELL/LEASE INFORMATION

COMPANY: AMOCO PRODUCTION COMPANY PRESSURE: 520 PSIG
WELL NAME: ELLIOTT GAS COM 1E SAMPLE TEMP.: DEG.F
LOCATION: F 33-30-9 WELL FLOWING: NO
FORMATION: DATE SAMPLED: 5/13/93
COUNTY: SAN JUAN, NM SAMPLED BY: B. GARRISON-L & L
SAMPLE SRC: CASING PROD FOREMAN: LARRY HUMPHREY
REMARKS:

ANALYSIS

COMPONENT	MOLE %	GPM**	B.T.U.*	SP. GR.*
NITROGEN	0.086	0.0000	0.00	0.0008
CO2	1.875	0.0000	0.00	0.0285
METHANE	94.558	0.0000	957.20	0.5238
ETHANE	2.590	0.6913	45.95	0.0269
PROPANE	0.442	0.1215	11.14	0.0067
I-BUTANE	0.140	0.0458	4.57	0.0028
N-BUTANE	0.086	0.0270	2.81	0.0017
I-PENTANE	0.061	0.0222	2.44	0.0015
N-PENTANE	0.027	0.0099	1.10	0.0007
HEXANE	0.135	0.0588	6.95	0.0043
TOTAL	100.000	0.9765	1032.16	0.5977

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.696 & 60 DEG. F

COMPRESSIBILITY FACTOR (1/Z) 1.0023
BTU/CU.FT. (DRY) CORRECTED FOR (1/Z) 1032.1
BTU/CU.FT. (WET) CORRECTED FOR (1/Z) 1014.1
REAL SPECIFIC GRAVITY 0.5988

ANALYSIS RUN AT 14.696 PSIA & 60 DEGREES F

CYLINDER PRESSURE: 477 PSIG

CYLINDER NO.: GAS-002

DATE RUN: 5/13/93

ANALYSIS RUN BY: SEENA SPENCER



1115 FARMINGTON AVE. FARMINGTON, NM 87401

(505) 325-6622

ANALYSIS NO. AM030161

WELL/LEASE INFORMATION

COMPANY: AMOCO PRODUCTION COMPANY PRESSURE: 460 PSIG
WELL NAME: ELLIOTT GAS COM 1E SAMPLE TEMP.: DEG.F
LOCATION: F 33-30-9 WELL FLOWING: NO
FORMATION: DATE SAMPLED: 5/13/93
COUNTY: SAN JUAN, NM SAMPLED BY: B. GARRISON-L & L
SAMPLE SRC: INTERMEDIATE CASING PROD FOREMAN: LARRY HUMPHREY
REMARKS:

ANALYSIS

COMPONENT	MOLE %	GPM**	B.T.U.*	SP. GR.*
NITROGEN	0.101	0.0000	0.00	0.0010
CO2	0.665	0.0000	0.00	0.0101
METHANE	86.586	0.0000	876.52	0.4796
ETHANE	7.785	2.0777	138.08	0.0808
PROPANE	3.204	0.8809	80.80	0.0488
I-BUTANE	0.487	0.1589	15.87	0.0098
N-BUTANE	0.704	0.2213	23.00	0.0141
I-PENTANE	0.187	0.0684	7.52	0.0047
N-PENTANE	0.120	0.0433	4.82	0.0030
HEXANE	0.161	0.0701	8.29	0.0052
TOTAL	100.000	3.5206	1154.90	0.6571

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.696 & 60 DEG. F

COMPRESSIBILITY FACTOR (1/Z) 1.0029
BTU/CU.FT. (DRY) CORRECTED FOR (1/Z) 1155.6
BTU/CU.FT. (WET) CORRECTED FOR (1/Z) 1135.5
REAL SPECIFIC GRAVITY 0.6586

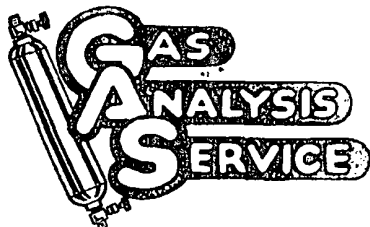
ANALYSIS RUN AT 14.696 PSIA & 60 DEGREES F

CYLINDER PRESSURE: 435 PSIG

CYLINDER NO.: GAS-045A

DATE RUN: 5/13/93

ANALYSIS RUN BY: SEENA SPENCER



AMOCO PRODUCTION COMPANY

WELL ANALYSIS COMPARISON

LEASE: ELLIOTT GAS COM 1E

MAY 14, 1993

	BRADENHEAD	CASING	INT
DATE:	5/13/93	5/13/93	5/13/93
NO.:	30159	30160	30161
	MOLE %	MOLE %	MOLE %
NITROGEN	1.051	0.086	0.101
CO2	0.059	1.875	0.665
METHANE	87.298	94.558	86.586
ETHANE	6.890	2.590	7.785
PROPANE	2.823	0.442	3.204
I-BUTANE	0.480	0.140	0.487
N-BUTANE	0.673	0.086	0.704
I-PENTANE	0.228	0.061	0.187
N-PENTANE	0.151	0.027	0.120
HEXANE+	0.347	0.135	0.161
BTU'S	1148.5	1032.1	1155.6
GPM	3.2728	0.9765	3.5206
GRAVITY	0.6544	0.5988	0.6586