



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://enrnr.state.nm.us/ocd/District/EIS/district.htm>

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test May 13 2014 Operator Lively Exp API # 30-045-21074
Property Name Lively Well No. 3 Location: Unit U Section 09 Township 29N Range 8W
Well Status (Shut-In or Producing) Initial PSI: Tubing 223 Intermediate 210 Casing 240 Bradenhead 0

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing TIME	PRESSURE Bradenhead			INTERM	
	BH	Int	Csg	Int	Csg
5 min	0	210	240		
10 min	0	210	240		
15 min	0	210	240		
20 min				0	240
25 min				0	240
30 min				0	240

FLOW CHARACTERISTICS	
BRADENHEAD	INTERMEDIATE
Steady Flow	X
Surges	
Down to Nothing	
Nothing	✓
Gas	X
Gas & Water	
Water	

OIL CONS. DIV DIST. 3

JUL 14 2014

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

CLEAR _____ FRESH _____ SALTY _____ SULFUR _____ BLACK _____

5 MINUTE SHUT-IN PRESSURE

BRADENHEAD 0

INTERMEDIATE 52

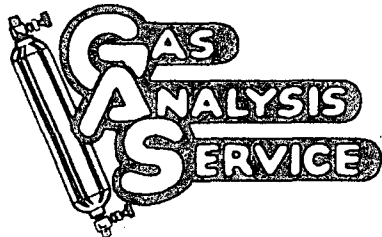
REMARKS:

Intermediate Produced Gas for Test
(Will have Test)

By Russell Lane
Asst Lively Exp
(Position)

Witness _____

E-mail address _____



2030 Afton Place
Farmington, NM 87401
(505) 325-6622

Analysis No: LV140001
Cust No: 47000-10005

Well/Lease Information

Customer Name: LIVELY EXPLORATION
Well Name: LIVELY #3
County/State: SAN JUAN NM
Location:
Field:
Formation: DAKOTA
Cust. Stn. No.: 87-638-01

Source: INTERMEDIATE
Pressure: PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 06/02/2014
Sampled By: RUSS BENSON
Foreman/Engr.:

OIL CONS. DIV DIST. 3
JUL 14 2014

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.167	0.0180	0.00	0.0016
CO2	0.090	0.0150	0.00	0.0014
Methane	89.573	15.2240	904.69	0.4961
Ethane	6.548	1.7560	115.88	0.0680
Propane	1.693	0.4680	42.60	0.0258
Iso-Butane	0.540	0.1770	17.56	0.0108
N-Butane	0.424	0.1340	13.83	0.0085
I-Pentane	0.333	0.1220	13.32	0.0083
N-Pentane	0.150	0.0550	6.01	0.0037
Hexane Plus	0.482	0.2160	25.41	0.0160
Total	100.000	18.1850	1139.30	0.6402

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0028
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1145.1
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1125.2
REAL SPECIFIC GRAVITY: 0.6418

GPM, BTU, and SPG calculations as shown
above are based on current GPA factors.

DRY BTU @ 14.650: 1138.9
DRY BTU @ 14.696: 1142.5
DRY BTU @ 14.730: 1145.1
DRY BTU @ 15.025: 1168.0

CYLINDER #: GAS161
CYLINDER PRESSURE: 256 PSIG
DATE RUN: 6/6/14 9:42 AM
ANALYSIS RUN BY: LOGAN CHENEY