



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
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<http://emnr.state.nm.us/ocd/District/W3district.htm>

OIL CONS. DIV DIST. 3

MAY 22 2015

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 4-26-15 Operator Vision Energy API #30-0 45-35403
Property Name Hogback Well No. 12-34 Location: Unit 0 Section 12 Township 29N Range 17W
Well Status (Shut-In or Producing) Initial PSI: Tubing 2900 Intermediate 0 Casing 2900 Bradenhead 0

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE				
	Bradenhead			INTERM	
	BH	Int	Csg	Int	Csg
TIME					
5 min	0		2900		1
10 min	0		2900		
15 min	0		2900		
20 min					
25 min					
30 min					

FLOW CHARACTERISTICS	
BRADENHEAD	INTERMEDIATE
Steady Flow	
Surges	
Down to Nothing	
Nothing ☒	
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 0

INTERMEDIATE X

REMARKS:

By Dan Dalton
Engineer
(Position)

Witness Mark Gehrke

E-mail address dan_dalton@praxair.com

Vision Energy Group, LLC.

Hogback Deep Test 12 -34
San Juan County, New Mexico
SWSE Sec. 12 - 17W NW PM
API 30-045-35403

ELEVATION

R.B. 5,189
G.L. 5,116
KB 13'
BHT 170'

Lat: 36.7354721 N
Long: 108.3412830 W
500' FSL 1700' FEL

Spud date:
Comp date

10/9/2013
12/12/2013

Prepared BY -- Dan Dalton
Date: 8/31/2014

Geological tops:

Macos Surface
Tocito 132' KB
Dakota 844' KB
Morrison 1075' KB
Entrada 2104' KB

Chinle 2731' KB
Cuttler 3981' KB
Honaker Trail 5501' KB
Deset Creek 6352' KB
Akah 6426' KB

Barker Creek 6726' KB
Pinkerton Trail 6864' KB
Molas 7030' KB
Leadville 7102' KB
Devonian 7288' KB

17 1/2" hole
SURFACE CSG: 13 3/8 48# @ 136 RKB
Cmt w/472 cu ft
Cmt to surface, 229 Cu. Ft.

Top Tubing joint is J-55 for packer spacing

12 1/4" hole

INTERMEDIATE CSG: 9 5/8" 40# @ 1155 RKB
Problems on Cement -- CBL run
BLM approved to move forward

7 7/8" hole

PRODUCTION CSG: 5.5", 17# @ 7433'
Cement to surface, CBL Ran

1st stage 185 BBls of cement, 12.5#, 36 bbls, 14.5 circulated 30 bbls off tool to surface
5 bbls. 11.0#, 113 bbls., 12.5#, 24 bbls. 14.5#; circulate 18 bbls. To surface

2 7/8" L/N 80; 6.5 #
I.D. 2.441
Drift 2.347
Burst 10,570
Lin ft/bbl 172.71
BBL/linft 0.00579

DV Tool @ 2925 KB

PKR On / Off
Tool

Akah Perforations
6466 - 6470' KB
6514 - 6518' KB
6542 - 6550' KB
6576 - 6584' KB
6592 - 6600' KB
3 SPF; 0.38"; 111 holes
120° phasing

Upper Barker Creek
Barker Creek Perforations
6733 - 6745 KB
3 SPF 0.38" 87 holes
120° phasing
6849 - 6864 KB

Lower Barker Creek

7214-7226'
3 SPF 0.38" 39 holes
120° phasing

Leadville

F Nipple 1.81 ID; 2 3/8" x 2 3/8"
Cross over sub - 2 3/8 X 2 7/8 x 1.75

Two 2 7/8" Tubing Tail Joints

Wire line Re Entry Guide

GIBP @ 6720' KB

Bailed 54' of cement on CIBP @ 7136 KB

CIBP @ 7190' KB

Tagged Cement with wireline @ 7318 KB

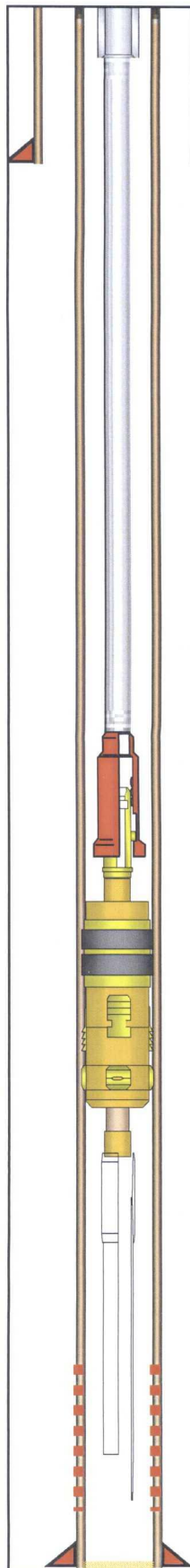
FC @ 7387.22 KB
SJ @ 7388.57 KB
FS @ 7433 KB

TD 7,450'

	Qty	Length	Depth in hole
KB		13.50	13.50
2 7/8", 6.5#, 8RD, L/N 80	197	6,406.00	6,419.50
Gas Lift Mandrel system	8	32.80	6,452.30
Marker sub		2.10	6,454.40
F Nipple, 2.25 profile x 2 7/8"		0.98	6,455.38
5.5" x 2 3/8" x 2.0 ID packer/w o/o tool		6.15	6,461.53
Crossover 2 7/8" x 2 3/8"		0.76	6,462.29
R Nipple 1.71 ldx 2 3/8		0.85	6,463.14
Cross over 2 3/8" x 2 7/8" 2.0 ID		0.50	6,463.64
2 joints of tail pipe	2	65.00	6,528.64
REG, 2 7/8 x 2.5" ID		0.50	6,529.14
Total Joints	207		

Packer ; PMI Lockset; w O/O tool, PMI, stinger on top of pkr.
5 1/2" X 2 3/8" madril; Elements, 90 Hardness
Guage Ring 4.641"; Carbide Slips;
RH set; RH release; O/O tool - LH release

NOTE: Not to Full Scale



COMPANY: Praxair		SURFACE CSG.		CASING	LINER	TUBING	
WELL NAME: 12-34		SIZE:		5 1/2		2 7/8	
Field:Hogback		WEIGHT:		17#		6.5	
County: San Juan		GRADE:				EUE	
STATE: New Mexico		THREAD:					
DATE: 8-27-14		DEPTH:					
ITEM	DESCRIPTION	LENGTH	TOTAL	MAX OD	MIN ID		
		FEET	DEPTH	INCHES	INCHES		
1	KB	13.00					
2	TBG Hanger	0.50	13.50				
3	61 Jts 2 7/8 N-80	1,983.95	1,997.45	3.67	2.44		
4	Gas Lift #8	4.10	2,001.55	3.67	2.44		
5	34 Joints 2 7/8 N-80	1,105.93	3,107.48	3.67	2.44		
6	Gas Lift #7	4.10	3,111.58	3.67	2.44		
7	23 Jts 2 7/8 N-80	747.71	3,859.29	3.67	2.44		
8	Gas Lift #6	4.10	3,863.39	3.67	2.44		
9	15 Joints 2 7/8 N-80	487.95	4,351.34	3.67	2.44		
10	Gas Lift # 5	4.10	4,355.44	3.67	2.44		
11	16 Joints 2 7/8 N-80	520.51	4,875.95	3.67	2.44		
12	Gas Lift #4	4.10	4,880.05	3.67	2.44		
13	15 Joints 2 7/8 N-80	487.48	5,367.53	3.67	2.44		
14	Gas Lift #3	4.10	5,371.63	3.67	2.44		
15	16 Joints 2 7/8 N-80	520.51	5,892.14	3.67	2.44		
16	Gas Lift #2	4.10	5,896.24	3.67	2.44		
17	15 Joints 2 7/8 N-80	487.99	6,384.23	3.67	2.44		
18	Gas Lift #1	4.10	6,388.33	3.67	2.44		
19	1 Jt 2 7/8 N-80	32.45	6,420.78	3.67	2.44		
20	2 7/8 N-80 Pup Joint	2.08	6,422.86	3.67	2.44		
21	2.25 "F" Profile X 2 7/8	0.98	6,423.84	3.09	2.25		
22	1 Jt 2 7/8 N-80	32.50	6,456.34	3.67	2.44		
23	5 1/2 X 2 7/8 FL On/Off tool W/ no profile seal Nipple	1.82	6458.16	4.49	2.49		
24	2 7/8 X 2 3/8 cross over	0.76	6458.92	3.67	1.99		
25	5 1/2 Lokset	3.54	6462.46	4.64	1.97		
26	1.81 "F" Profile X 2 3/8	1	6463.46	3.05	1.81		
27	2 3/8 Box X 2 7/8 cross over	0.5	6463.96	3.64	1.99		
28	2 Jts 2 7/8 N-80	64.95	6528.91				
29	2 7/8 Wireline Re-entry	0.51	6529.42	3.67	2.43		
	COMMENTS:						
	The well was landed with 20K compression on the packer and 10K on tbg hanger.						
	This WBD is used to show exact placement of gas lift mandral						
PREPARED FOR:		OFFICE:					
Dan Dalton							
PREPARED BY:		OFFICE:	PHONE:				
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