



NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
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AZTEC NM 87410

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[http://emnrd.state.nm.us/ocd/District III/3district.htm](http://emnrd.state.nm.us/ocd/District%20III/3district.htm)

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 8.9-13 Operator BP America API #30-0 45.26208
Property Name Sennayah GCA Well No. 1E Location: Unit 0 Section 36 Township 28 Range 9
Well Status (Shut-In or Producing) Initial PSI: Tubing 35 Intermediate 505 Casing 505 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	505	505	10	505
10 min	0	505	505	10	505
15 min	0	505	505	10	500
20 min	0	505	505	15	500
25 min	0	505	505	10	500
30 min	0	505	505	10	500

FLOW CHARACTERISTICS	
BRADENHEAD	INTERMEDIATE
Steady Flow	/ DIST. 3
Surges	OIL CONS. DIV.
Down to Nothing	/
Nothing	RCVD AUG 9 '13
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 495

REMARKS:

BH - Juff when opened - dead at 15 min shut-in
Int. Gas sample taken 8/13 - Haul blower with surges
to 30 seconds then medium

By Ray Johnson
(Position) Teck

Witness Monica Kuehling
small amount of mud when
opened.

E-mail address _____



Jennapah GC A #1E
Dakota
API # 30-045-26208
Sec 36, T28N, R9W
NEW MEXICO

Well History

Completed in April 1985
 Repaired 1/96
 10/3/2002 Workover to
 clean out fill (93'). Removed
 stuck plunger and
 replaced bad thg joints.
 9/28/07: Wirelined.
 Tagged at 6495' GL.
 Stuck but worked up to
 6445' before shearing off.
 Magnetic tool retrieved
 small pieces of metal.
 Retrieved plunger at 6495'
 4/27/2011: WL. RHH to pull 2
 slip stop @ 6462' (Took two
 runs to pull because operator
 reported well had scale build up).
 RHH and tag fill @ 6562' and FL @ 5500'.
 Reset 2 slip stop @ 6435'. Left plunger
 out of the hole.
 5/13/2011: WL. Tag F-nipple @ 6475' with no tight spots.
 Set new plunger stop @ 6470'
 5/9/2011: Changed out MV. Pumped 500gals acid.
 Swab well.
 12/15/2011: ID WH. Secondary seal test 1200#
 Held good
 10/1/2012: Tagged fill @ 6567, recovered sample.
 RHH w/1.9 OD grill and tag Xnipple@ 6464 WLM.
 No tight spots. RHH and reset plunger stop @ 6457 WLM
 12/15/2012: Acid job. Pumped 10 bbls 15% HCL down thg
 and 11.2 bbls 15% HCL down csg.
 3/7/2013: Sdk job. Removed plunger and tagged plunger
 stop @ 6464' WLM.
 3/7/2013: RHH and tag and hatch plunger at 6460'. FL @ 5500'
 Run broach to 2-slip stop @ 6461'. No tight spots.
 6/13/2013: Swab

7/3/2013: WI, pull plunger @ 6463'w/m & stop @ 6466'w/m (stop had light scale on it - looked like paint overspray). Tag fill @ 6562'w/m (no sample), tag X-nipple @ 6473'w/m (no tight spots), test the flow F-nipple @ 6478'w/m (no HIT). Set new spring in X-nipple @ 6473'w/m.

Deviation Profile

TABLE 1. N OF DEVIATION TESTS	
ANNO PRODUCTION COMPANY	
DEFEIN	DEVIATION
44.5°	1/2°
83.6°	1/2°
174.3°	3/4°
185.9°	3/4°
21.12°	3/4°
238.0°	3/4°
337.7°	3/4°
367.7°	3/4°
337.0°	1°
389.5°	2 1/4°
94.33°	1 1/8°
50.68°	1 1/8°
66.34°	3 1/2°

Ground Elevation
5861' GL

TOC: circ. To surface

Surface Casing Data

9-5/8" 36# K55 ST&C @: 339'
236 cu ft emt (circulated) (12 1/4" hole)

TOC: 500' (Temp survey)

Intermediate Casing Data

7" 20#, J55 ST&C @ 2380'
472 cu ft cmt (8 3/4" hole)

TOC: ?

Tubing Details

Tubing: 2-3/8" 4.7H, J55 @ 6490'

Dakota Perforations

Main DK: 6427'-6464' 4 spf w/ 85,000#s sand
LWT DK: 6528'-6538 8 spf w/ 18,500#s sand

X-nipple (ü) 6482'
E-nipple (ü) 6487'

End of Tubing
6490'

PBTD: 6596'
Total Depth: 6639'

Production Casing Data

4-1/2" 11.6#, K55 LT&C @ 6639'
775 sxs cnt (6 1/4" hole)

NOTES:

- 1) Lower Dakota was completed in this well
- 2) Lots of water was swabbed from Lwr Dakota after fracturing

DIST. 3

OLCONS.DV.

RCVD AUG 9 '13