



NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
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 45-07353

Property Name Warena LS Well No. 2 Location: Unit A Section 23 Township 28 Range 9

Well Status (Shut-In or Producing) Initial PSI: Tubing 20 Intermediate N/A Casing 50 Bradenhead 0

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE			INTERM	
	Bradenhead				
	BH	Int	Csg	Int	Csg
TIME					
5 min	<u>0</u>		<u>50</u>		
10 min	<u>0</u>		<u>50</u>		
15 min	<u>0</u>		<u>50</u>		
20 min					
25 min					
30 min					

FLOW CHARACTERISTICS	BRADENHEAD INTERMEDIATE	
Steady Flow		
Surges		
Down to Nothing		<u>DIST. 3</u>
Nothing	<u>/</u>	
Gas		<u>OIL CONS. DIV.</u>
Gas & Water		
Water		<u>RCUD AUG 9 '13</u>

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 N/A

REMARKS:

Nothing when opened.
dead when opened at 5 min

By

Shut-in
Ray J. Pappas
Teck

(Position)

Witness

Monica Luehling

E-mail address _____

Warren A LS #2

GL: 6111'
KB: 12'

Sec 23, T28N, R9W
API # 30-045-07353

Well History

SPUD 4/14/57. Completed in 12/1957. 1.660" tbg @ 2484', 2-3/8" @ 4756' (dual completion, EGJ pkr @ 2635').

8/1974: Replace short string & leaky packer

9/1/85: Name changed from Warren A2 to Warren ALS2, operator change from El Paso to Tenneco.

4/5/01: WO. Refrac'd PC and DHC'd PC/MV. Land tbg @ 4785', F-nipple @ 4781'.

5/16/01: Installed Hanover 330 Waukesha 2-stage compressor.

11/11/02: Replaced compressor w/ Compressco compressor.

11/3/03: WO. Chacra Pay-add. Land tbg @ 4767', X-nipple @ 4758', F-nipple @ 4763', stop @ 4751'wlm.

5/10/06: Changed Master valve

5/5/09: WL pull plunger stop @ 4735'wlm, tag fill @ 4853'wlm, set plunger stop @ 4730'wlm, no fluid seen.

8/30/09: WL tag FL @ 4460'wlm, tag & re-set plunger stop @ 4750'wlm, broach to stop @ 4750'wlm.

Nipple Data

Stop @ 4751'wlm 11/3/03
X-nipple @ 4758'
F-nipple @ 4763'

EOT @ 4767'

PBTD: 4864'
TD: 4921'

TOC @ surface (circ)

10-3/4" 32.75# Armco S.W. @ 172'
150 sxs cmt (circulated)

TOC @ 1300' (6/18/57 temp surv)

PC Perforations

2416' - 2440' 2 spf
2448' - 2468' 2 spf
frac'd w/ 36,600# snd & water
re-frac'd w/ 102,000# sand

Burns Liner Hanger @ 2518'

7-5/8" 26.4# J55 @ 2576'
250 sxs cmt

TOC @ 2518' (1957 temp surv)

CH Perforations

3385-3390' 3spf
3415-3420' 3spf
3500-3505' 3spf
3515-3520' 3spf

DIST. 3

Tubing: 2-3/8" 4.7# J55 @ 4767' CONS. DIV.
(w/ X-nipple at 4758' and F-nipple 4763')

MV Perforations (MF & PL)

4422' - 4438' 2 spf
4480' - 4488' 2 spf
4572' - 4594' 2 spf
4641' - 4660' 2 spf
4684' - 4709' 2 spf
4717' - 4727' 2 spf
4750' - 4764' 2 spf
4767' - 4801' 2 spf
frac'd w/ 98000# snd & water

5-1/2" liner, 15.5# J55 @ 2518'-4916'
300 sxs cmt

updated: 7/1/13 JJvW