



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

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 5/11/10 Operator Williams Production API #30-0 3930723

Property Name Rosa Unit Well No. 149C Location: Unit F Section 12 Township 31N Range 06W

Well Status(Shut-In or Producing) Initial PSI: Tubing 164 Intermediate 67 Casing 228 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	<u>19</u>	<u>19</u>	<u>228</u>		
10 min		<u>0</u>	<u>228</u>		
15 min		<u>0</u>	<u>228</u>		
20 min		<u>0</u>	<u>228</u>		
25 min					
30 min					

FLOW CHARACTERISTICS	
BRADENHEAD	INTERMEDIATE
Steady Flow	
Surges	
Down to Nothing	<u>X</u>
Nothing	<u>X</u>
Gas	<u>X</u>
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 0

REMARKS:

Int Blew to zero in 8 min. Left BH / Int. open

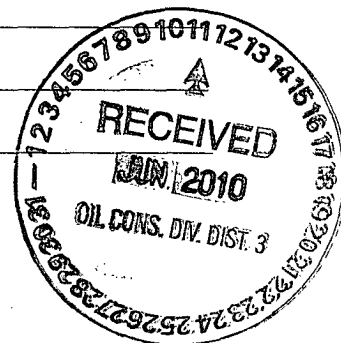
By D. BAYS

Witness _____

Tech II

(Position)

E-mail address darrell.bays@williams.com



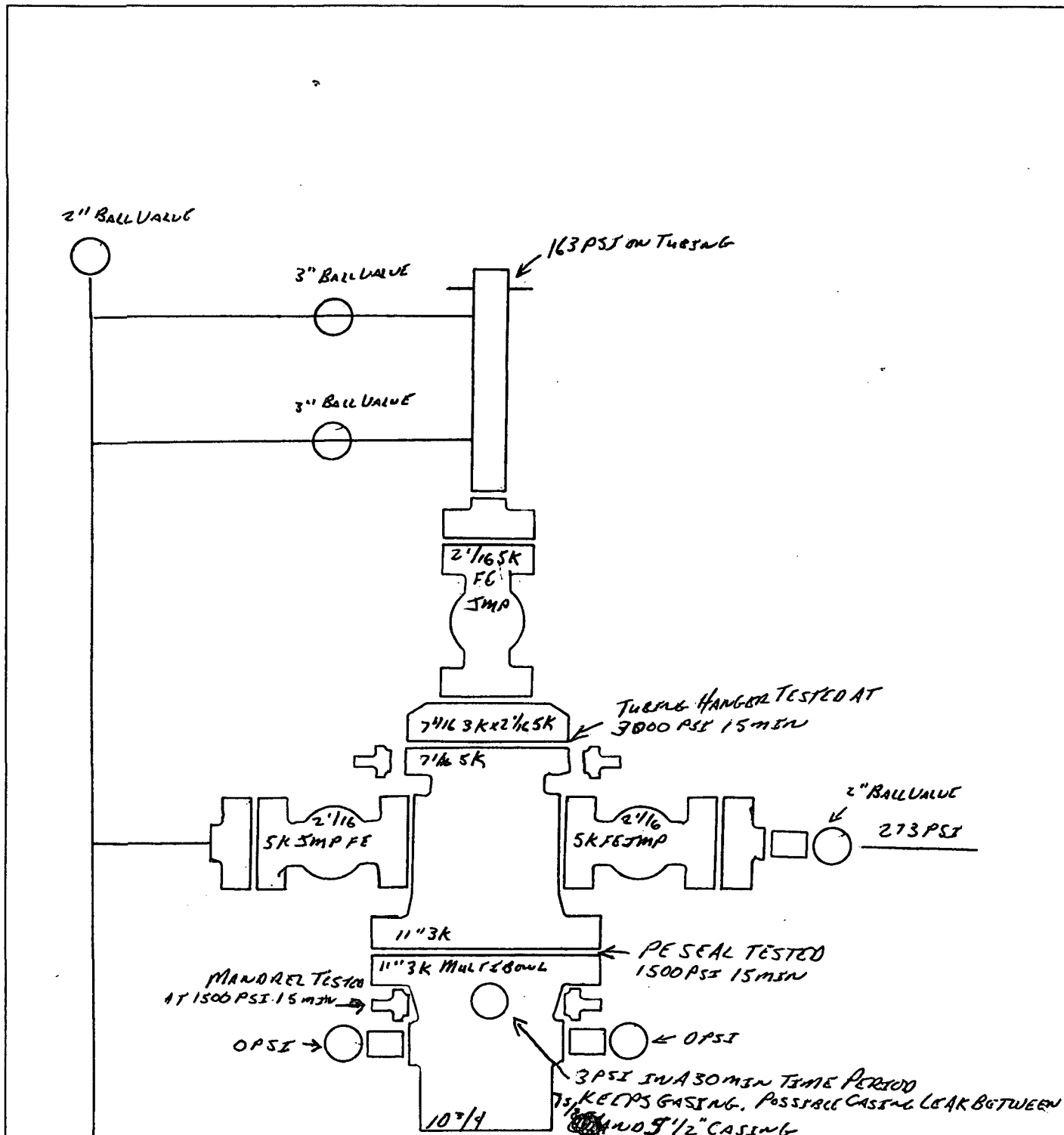
Antelope Sales & Service, Inc.
 5637 US Hwy. 64
 Farmington, New Mexico 87401
 Office: (505) 327-0918

WELLHEAD EQUIPMENT IDENTIFICATION

DATE: 05 / 19 / 10



CUSTOMER	WPA
LOCATION	ROSA UNIT 149C
FSO	10089
PREPARED BY	JOSE SANCHEZ



ROSA UNIT #149C

BLANCO MV / BASIN MC / BASIN DK

Spud: 06/25/09

Completed: 09/19/09

1st Delivery: 9-28-09

Surface Location:

1910' FNL and 2225' FWL
SE/4 NW/4 Sec 12 (F), T31N, R06W
Rio Arriba, NM

Bottom Hole Location:

1208' FNL and 1534' FEL
NW/4 NE/4 Sec 12 (B), T31N, R06W
Rio Arriba, NM

Elevation: 6286' GR

API # 30-039-30723

Top	MD Depth	TVD Depth
Pictured Cliffs	3337'	3142'
Lewis	3640'	3442'
Cliffhouse Ss.	5541'	5343'
Menefee	5586'	5388'
Point Lookout	5821'	5623'
Mancos	6280'	6081'
Dakota	7920'	7722'

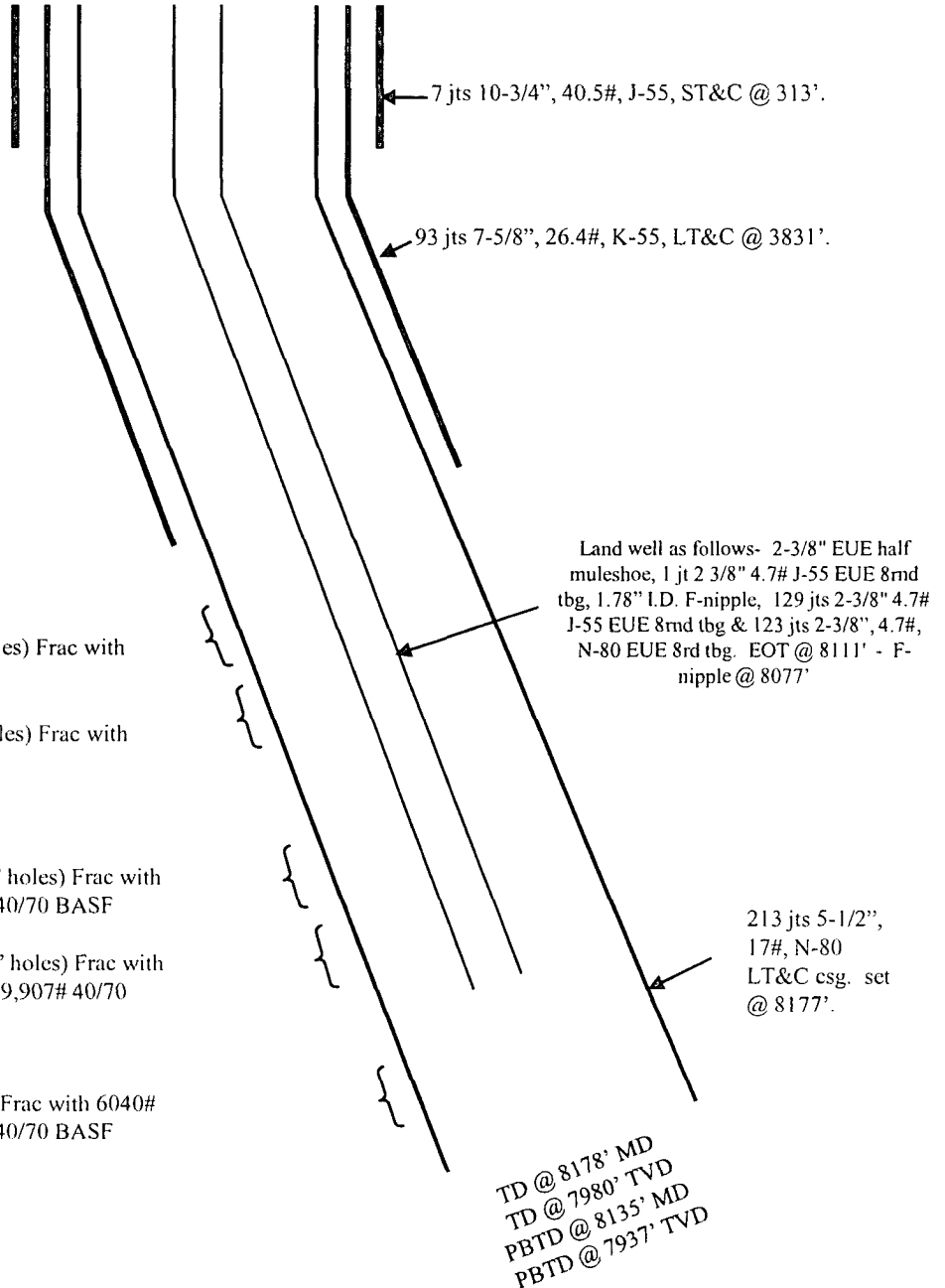
Upper MV: 5386'-5742' (57, 0.34" holes) Frac with
81.463# 20/40 mesh BASF

Lower MV: 5798'-6145' (63, 0.34" holes) Frac with
82,617# 20/40 mesh BASF

Upper Mancos: 6968'-7220' (90, 0.34" holes) Frac with
4995# 100 mesh followed w/114,270# 40/70 BASF

Lower Mancos: 7253'-7420' (75, 0.34" holes) Frac with
5005# 100 mesh BASF followed with 99,907# 40/70
BASF

Dakota: 8052'-8158' (87, 0.34" holes) Frac with 6040#
100 mesh BASF followed w/117,723# 40/70 BASF



Hole Size	Casing	Cement	Volume	Top of Cmt
14-3/4"	10-3/4", 40.5#	310 sxs	556 cu.ft.	Surface
9-7/8"	7-5/8", 26.4#	645 sxs	1605 cu.ft.	Surface
6-3/4"	5-1/2", 17#	360 sxs	504 cu.ft.	3068' CBL