



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 6/11/10 Operator Williams Production API #30-0 3930220

Property Name Rosa Unit Well No. 085C Location: Unit H Section 20 Township 31N Range 05W

Well Status (Shut-In or Producing) Initial PSI: Tubing 259 Intermediate 0 Casing 295 Bradenhead 20

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE				
	BH	Bradenhead		INTERM	
		Int	Csg	Int	Csg
TIME					
5 min	0	0	304	0	330
10 min	0	0	314		
15 min	0	0	322		
20 min					
25 min					
30 min					

FLOW CHARACTERISTICS	
BRADENHEAD	INTERMEDIATE
Steady Flow	
Surges	
Down to Nothing	X 2 SECONDS
Nothing	X NO PSI
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 5

INTERMEDIATE 0

REMARKS:

NO Pressure ON Intermediate

BH Blew Down To 0 IN 2 SECONDS

LEFT BH & Intermediate open After test

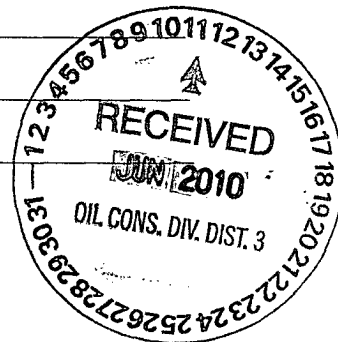
By ROBERT LUTAN

Witness _____

FIELD TECH

(Position)

E-mail address ROBERT.LUTAN@WILLIAMS.COM



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

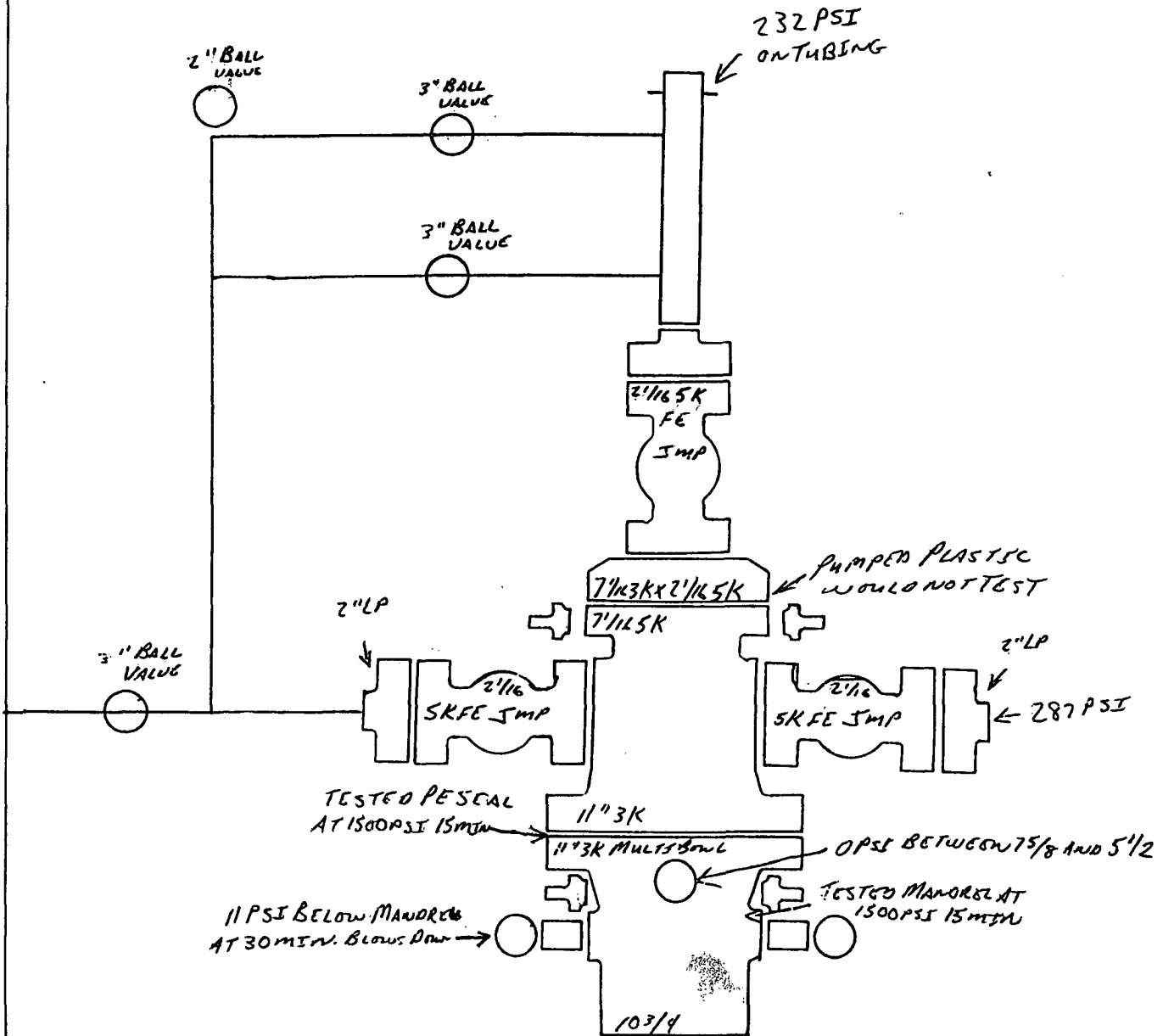
WELLHEAD EQUIPMENT IDENTIFICATION

DATE: 05/19/10



CUSTOMER	WPI
LOCATION	ROSA UNIT 85C
FSO	10091
PREPARED BY	JOSE SANCHEZ

RECOMMEND SETTING BACK PRESSURE VALVE
 TO INSPECT HANGER AND SEAL SLEEVE.



ROSA UNIT #85C
Basin MC / Basin DK

Spud: 09/12/08

Completed: 11/18/08

1st Delivery DK: 11/26/08

1st Delivery MC: 09/02/09

Surface Location:

685' FNL and 835' FEL
 NE/4 NE/4 Sec 20 (A), T31N, R05W
 Rio Arriba, NM

Bottom Hole Location:

2430' FNL and 254' FEL
 SE/4 NE/4 Sec 20 (H), T31N, R05W
 Rio Arriba, NM

Elevation: 6429' GR

API # 30-039-30220

Top	MD Depth	TVD Depth
Pictured Cliffs	3837'	3318'
Lewis	4134'	3610'
Cliffhouse Ss.	6038'	5513'
Menefee	6094'	5569'
Point Lookout	6272'	5747'
Mancos	6698'	6173'
Dakota	8492'	7965'

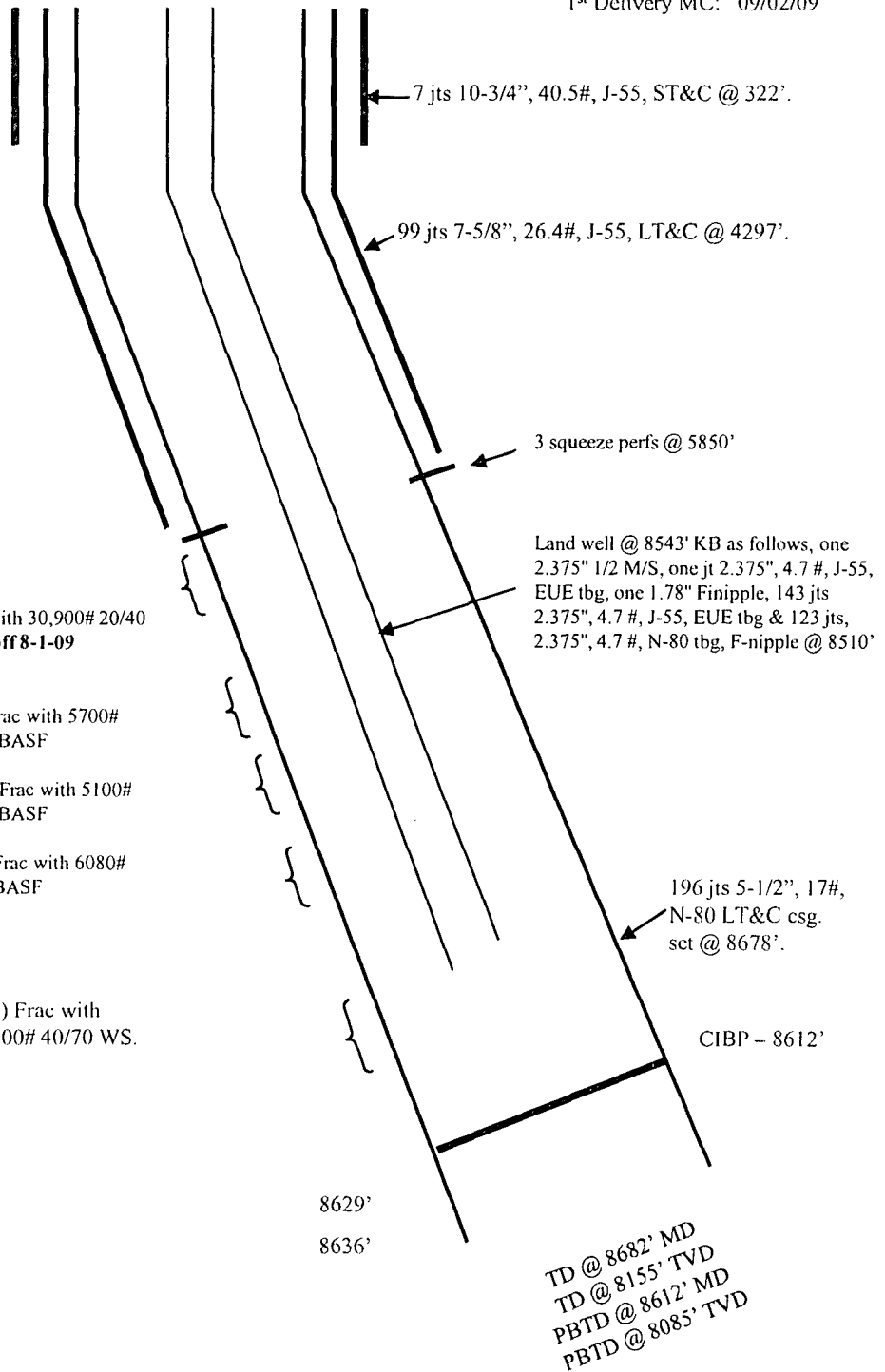
MEN: 6104'-6124' (22, 0.34" holes) Frac with 30,900# 20/40 mesh BASF -NOTE: This zone squeezed off 8-1-09

Mancos 3rd: 7135'-7235' (33, 0.34" holes) Frac with 5700# 100 mesh followed w/101,100# 40/70 mesh BASF

Mancos 2nd: 7445'-7615' (42, 0.34" holes) Frac with 5100# 100 mesh followed w/100,000# 40/70 mesh BASF

Mancos 1st: 7685'-7895' (42, 0.34" holes) Frac with 6080# 100 mesh followed w/ 51,120# 40/70 mesh BASF

Dakota: 8494' - 8596' (54, 0.34" holes) Frac with 7920# 100 mesh WS, follow with 117,100# 40/70 WS.



Hole Size	Casing	Cement	Volume	Top of Cmt
14-3/4"	10-3/4", 40.5#	250 sxs	345 cu.ft.	Surface
9-7/8"	7-5/8", 26.4#	710 sxs	1426 cu.ft.	Surface
6-3/4"	5-1/2", 17#	185 sxs	456 cu.ft.	5426' CBL