



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

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 5/11/10 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			INTERM	
	BH	Bradenhead 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

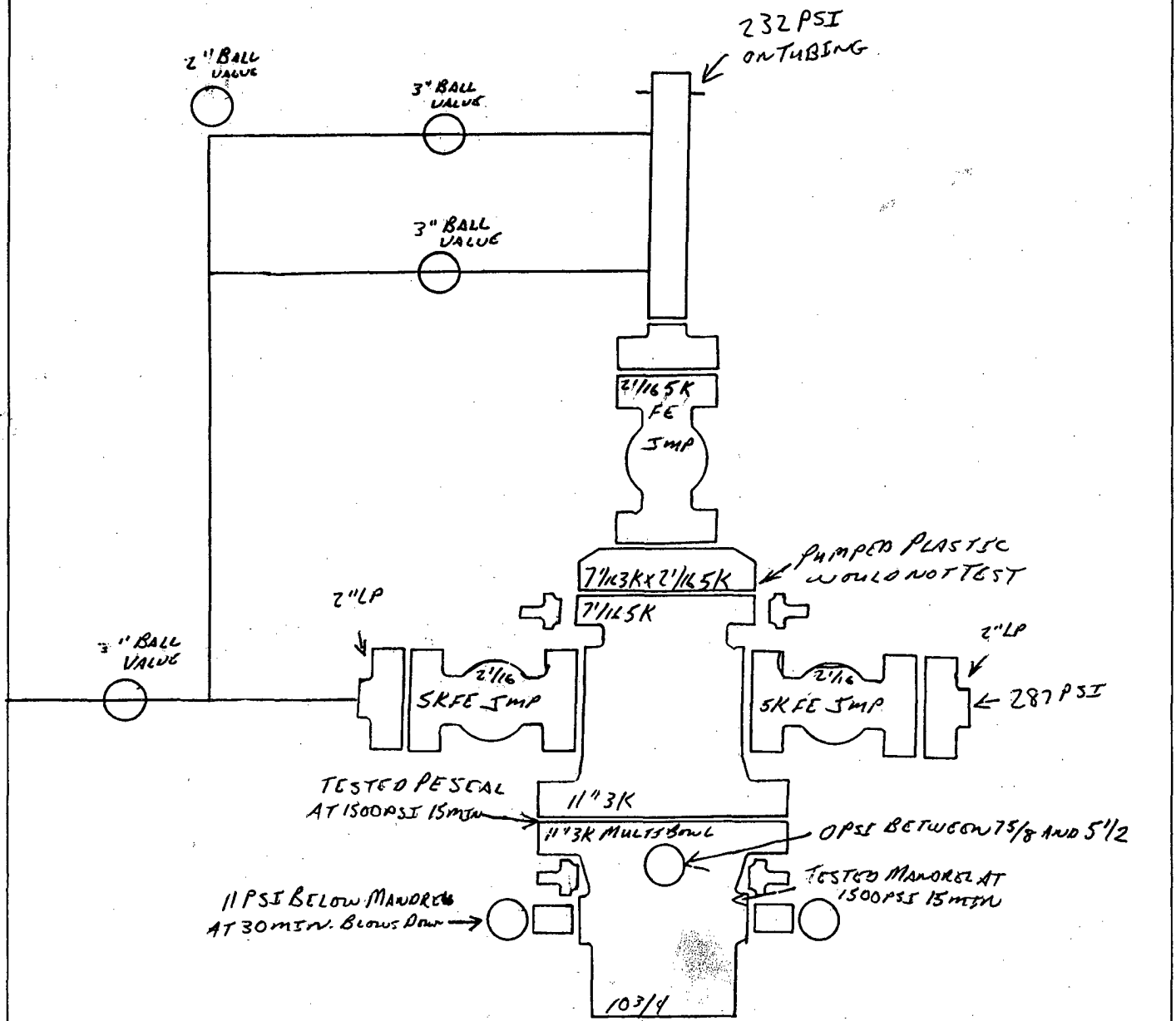
WELLHEAD EQUIPMENT IDENTIFICATION

DATE: 05/19/10



CUSTOMER	WPK
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

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

Spud: 09/12/08

Completed: 11/18/08

1st Delivery DK: 11/26/08

1st Delivery MC: 09/02/09

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

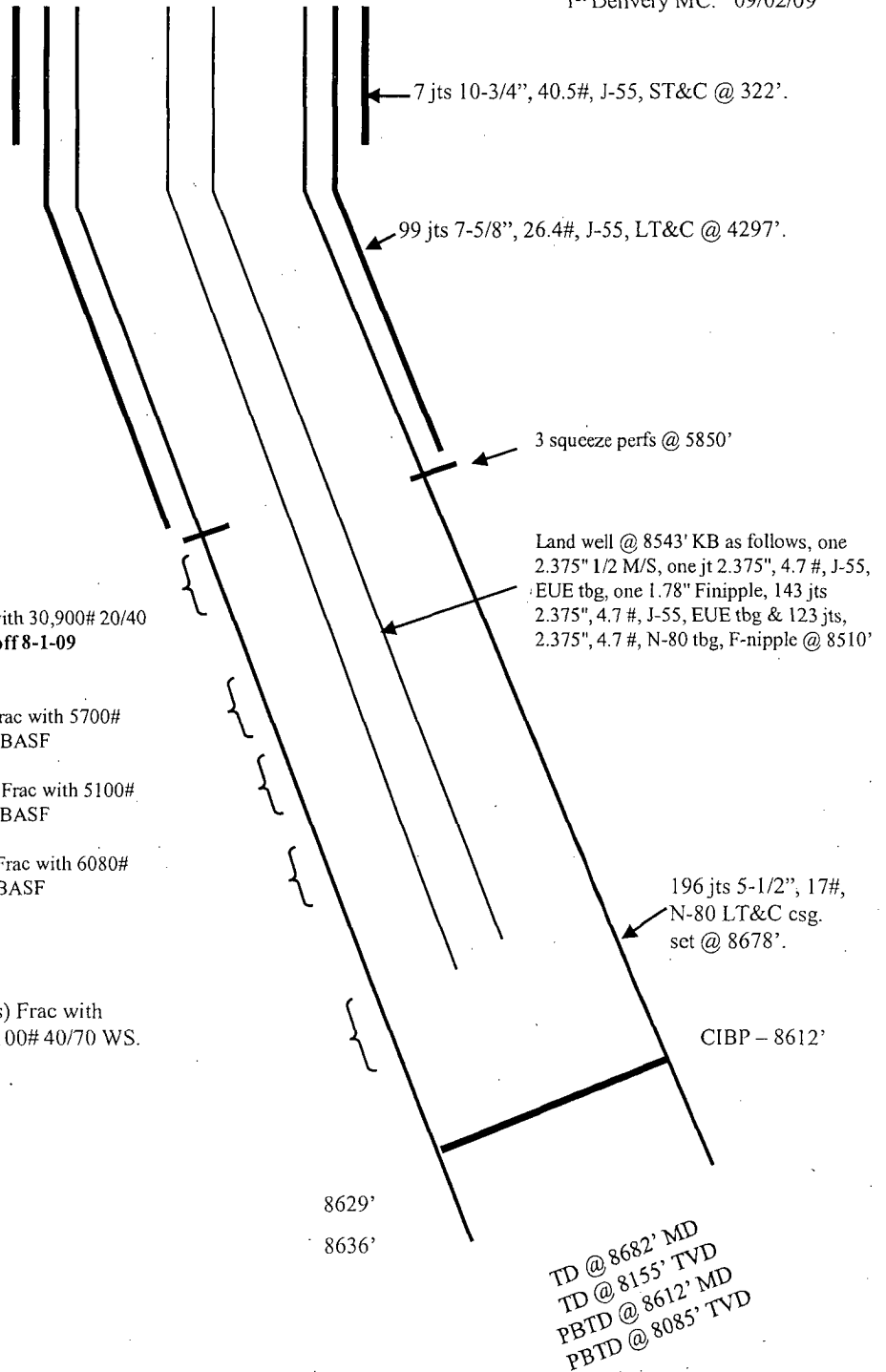
MEN: 6104'-6124' (22, 0.34" holes) Frac with 30,900# 20/40 mesh BASF -NOTE: This zone squeezed off 8-1-09

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