



NEW MEXICO ENERGY, MINERALS
and
NATURAL RESOURCES
DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC NM 87410
(505) 334-6178
FAX: (505) 334-6170
www.emnrd.state.nm.us/ocd/District 3/district3.htm

BRADENHEAD TEST REPORT

(Submit 2 copies to above address)

Date of Test 3.22.05 Operator WPK API #30-0 392 204 500
Property Name Rosa Well No. 67 Location: Unit G Section 14 Township 31N Range 6W
Well Status (Shut-In or Producing) Tubing 145 Intermediate 143 Casing 140 Bradenhead 14

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

TIME	PRESSURES:					11:27	11:33
	BRADENHEAD	INTERMEDIATE	CASING			BRADENHEAD FLOWED	INTERMEDIATE FLOWED
5 minutes	0	143	140		Steady Flow	X	X
10 minutes					Surges		
15 minutes		flowing	143		Down to Nothing	less than 1 min	Down
20 minutes		slight flow	143	11:38	Nothing		
25 minutes		slight flow	142	11:43	Gas	X	X
30 minutes		< 1 psi	140	11:48	Gas & Water		
					Water		

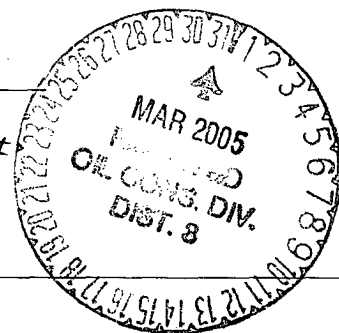
If bradenhead flowed water, check all of the descriptions that apply below:

CLEAR _____ FRESH _____ SALTY _____ SULFUR _____ BLACK _____

5 MINUTE SHUT-IN BRADENHEAD 4# INTERMEDIATE 24#
11:28 11:33 11:48 11:53

REMARKS:

Well Flowing During test (Tubing)



By

[Signature]
Production Tech
(Position)

Witness

[Signature] O C D

E-mail address _____

To PA

ROSA UNIT #67
UNDES. GALLUP

Location:

1520' FNL and 1510' FEL
SW/4 NE/4 Sec 14(G), T31N, R6W
Rio Arriba, New Mexico
Elevation: 6365' GR 6378' KB
API # 30-039-22045

Spud Date: 07/04/79

Completed Date: 02/09/82

1st Delivery Date: 12/07/83

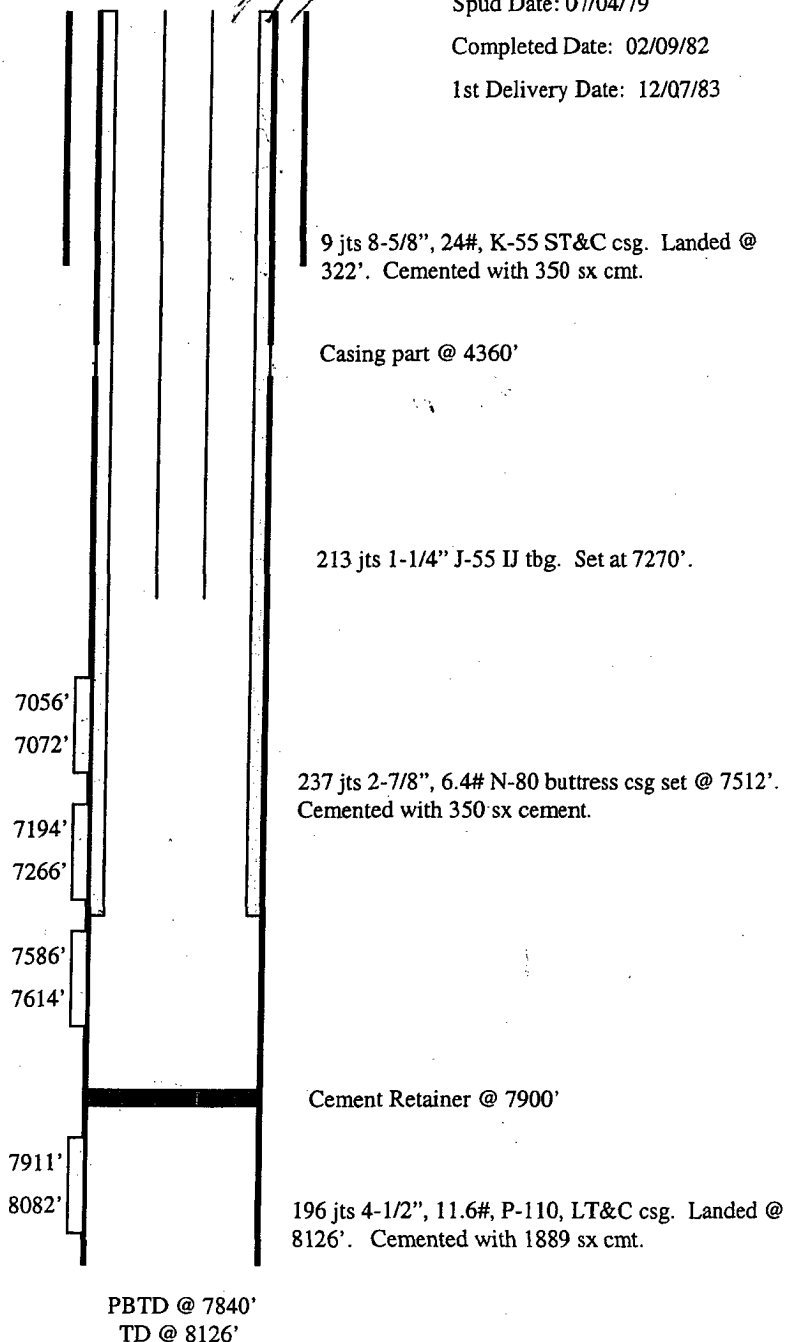
Top Depth

Ojo Alamo 2431'
Kirtland 2540'
Fruitland 2880'
Pictured Cliffs 3187'
Lewis 3344'
Cliff House 5100'
Menefee 5333'
Point Lookout 5682'
Mancos 5772'
Gallup 2997'
Greenhorn 7723'
Graneros 7784'
Dakota 7907'

Stimulation: 11/05/81

Perf'd 7194'-7202' and 7242'-
7266' w/ 4 SPF 128, 0.32" holes.
Perf'd 7586'-7614' w/ 4 SPF 112,
0.38" holes. Perf'd 7056'-7072'
w/ 4 SPF 64, 0.32" holes.

Frac'd 7056'-7072' w/ 27,210 gal
frac fluid and 62,840# 20/40 sand.
Frac'd 7586'-7614' w/ 40,398 gal
frac fluid and 63,974# 20/40 sand.
Frac'd 7194'-7266' w/ 26,696 gal
frac fluid and 55,784# 20/40 sand.



Hole Size	Casing	Cement	Top of Cmt
12-1/4"	8-5/8", 24#	350 sx	Surface
7-7/8"	4-1/2", 11.6#	1889 sx	??
	2-7/8", 6.4#	350 sx	Surface



2030 AFTON PLACE
FARMINGTON, N.M. 87401
(505) 325-6622

ANALYSIS NO. WP250003
CUST. NO. 85500 - 10165

WELL/LEASE INFORMATION

CUSTOMER NAME	WILLIAMS PRODUCTION	SOURCE	INTERMEDIATE CASING
WELL NAME	ROSA UNIT 67	PRESSURE	<10 PSIG
COUNTY/ STATE	RIO ARRIBA NM	SAMPLE TEMP	N/A DEG.F
LOCATION		WELL FLOWING	
FIELD		DATE SAMPLED	3/24/2005
FORMATION		SAMPLED BY	PETE TROSKY
CUST.STN.NO.		FOREMAN/ENGR.	

REMARKS SAMPLE CHARGED WITH HELIUM TO 30#

COMPONENT	MOLE %	ANALYSIS		
		GPM**	B.T.U.*	SP.GR *
NITROGEN	0.060	0.0000	0.00	0.0006
CO2	3.415	0.0000	0.00	0.0519
METHANE	96.335	0.0000	975.20	0.5337
ETHANE	0.180	0.0481	3.19	0.0019
PROPANE	0.000	0.0000	0.00	0.0000
I-BUTANE	0.000	0.0000	0.00	0.0000
N-BUTANE	0.001	0.0003	0.03	0.0000
I-PENTANE	0.005	0.0018	0.20	0.0001
N-PENTANE	0.001	0.0004	0.04	0.0000
HEXANE PLUS	0.003	0.0013	0.15	0.0001
TOTAL	100.000	0.0519	978.81	0.5883

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR	(1/Z)	1.0021
BTU/CU.FT. (DRY) CORRECTED FOR	(1/Z)	980.9
BTU/CU.FT. (WET) CORRECTED FOR	(1/Z)	964.7
REAL SPECIFIC GRAVITY		0.5894

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	975.5
DRY BTU @ 14.696	978.6
DRY BTU @ 14.730	980.9
DRY BTU @ 15.025	1,000.5

CYLINDER #	2819
CYLINDER PRESSURE	PSIG
DATE RUN	3/28/2005
ANALYSIS RUN BY	ROSEANN MUNIZ