

**Laboratory Services Inc.**

2609 West Marland

Hobbs, New Mexico 88240

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Run File	C:\STAR\DATA\12.29.04\3.14.05\PURE CR8#2 6.2.RUN		
Method	C:\star\method_extended_gas_scott.mth		
Operator	Vickie Biggs	Analysis Date	6/ 3/2005
Station	CR 8 #2	Company	Pure Resources
Effective Date		Pulled Data	6/2/05 2:35 pm
Received Date	6/2/05	Composite/Spot	3 Morrow Formations Comingled

<u>Component</u>	<u>Mole %</u>	<u>BTU</u>	<u>GPM</u>
H2S	0.0000	0.00	0.0000
Nitrogen	1.2790	0.00	0.0000
Methane	87.5694	886.50	0.0000
CO2	1.3153	0.00	0.0000
Ethane	5.7675	102.30	1.5425
Propane	2.2892	57.73	0.6308
i-Butane	0.3491	11.38	0.1142
n-Butane	0.5671	18.54	0.1788
1-Pentane	0.1818	7.29	0.0665
n-Pentane	0.1458	5.86	0.0528
Cyclopentane	0.0146	0.55	0.0043
2-Methylpentane	0.0332	1.58	0.0137
3-Methylpentane	0.0276	1.31	0.0112
n-Hexane	0.0619	2.95	0.0255
Methylcyclopentane	0.0316	1.42	0.0112
Benzene	0.0264	0.99	0.0074
Cyclohexane	0.0666	2.99	0.0226
n-Heptane	0.0566	3.12	0.0261

6/ 3/2005

Method C:\star\method_extended_gas_scoff.mth

Operator Vickie Biggs

Analysis Date 6/ 3/2005

Station CR 6 #2

Company Pure Resources

Effective Date

Pulled Data 6/2/05 2:35 pm

Received Date 6/2/05

Composite/Spot 3 Morrow Formations Comingled

<u>Component</u>	<u>Mole %</u>	<u>BTU</u>	<u>GPM</u>
Methylcyclohexane	0.0366	1.91	0.0147
Toluene	0.0336	1.50	0.0112
n-Octane	0.0251	1.57	0.0129
Ethylbenzene	0.0440	2.30	0.0169
m&p xylene	0.0128	0.00	0.0000
o-Xylene	0.0057	0.30	0.0022
n-Nonane	0.0594	4.16	0.0334
n-Decane	0.0000	0.00	0.0000
Totals	100.0000	1,116.25	2.7990

Relative Density from Composition -0.6373

BTUs @ 14.65 Saturated 1,100

BTUs @ 14.65 Dry 1,119

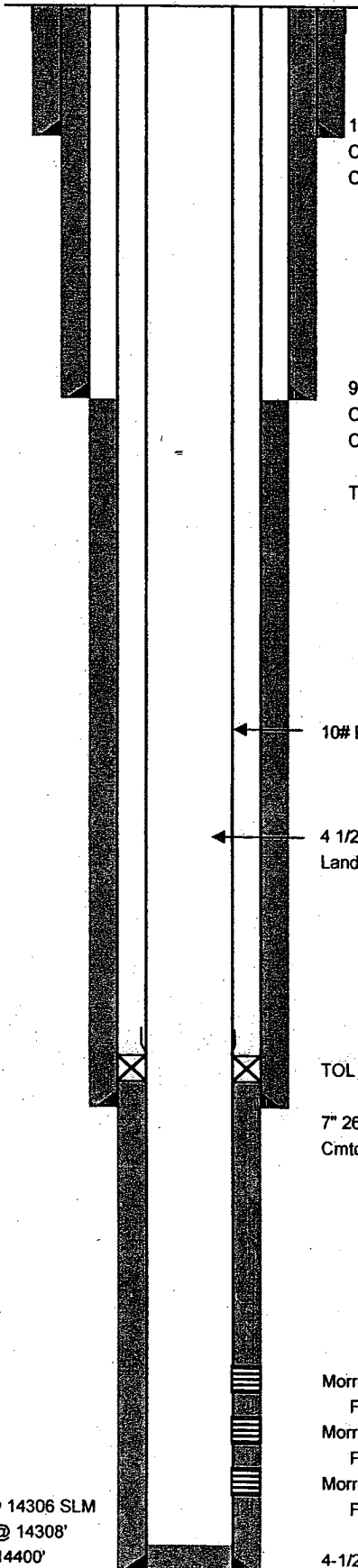
Compressibility 0.99752

6/ 3/2005

WELL: Federal CR 8 #2
FIELD: Cinta Roja



A Unocal Company



11" 5000 x 7 1/16" 10000 tbg hd.
 20" conductor @62'

13-3/8" 54.5# K-55 LTC @ 845'
 Cmt'd w/ 720 sx.
 Circ cmt.

9-5/8" 40# N-80 and J-55 LTC @ 5163'
 Cmt'd w/ 1740 sx.
 Circ cmt.

TOC 5169 TS

10# BW

4 1/2" 15.5# C-75 BTC set in tieback sleeve
 Landed w/ 59k down

TOL 11978' ZXP lnr hngr pkr and 10' TB sleeve. TOL tstd to 1200 on 13.5 ppg mud.
 (Equiv to 3380 psi w/ 10# BW)

7" 26# HCP110 LTC @ 12180'
 Cmt'd w/ 1140 sx. TOC 5169 TS.

Morrow 13651-56 and 13662-66 (44 holes)

Frac w/ approx 40,000 gal 70 quality CO2 foam and 33,658# 20/40 Super DC resin coat ottawa
 Morrow 13857-64 and 13880-86 (52 holes)

Frac w/ approx 50,000 gal 70 quality CO2 foam and 49,900# 20/40 Super DC resin coat ottawa
 Morrow 13954-65 (44 holes) BHP in this zone was 3651 psi and building 10 #/hr.

Frac w/ approx 30,000 gal 70 quality CO2 foam and 33,152# 20/40 Super DC resin coat ottawa

4-1/2" 13.5# P-110 LTC @ 14400'

Cmt'd w/ 300 sx. Did not circ cmt to TOL but got spacer in returns. Bumped plug.

API # 30-025-37047

Surf Loc: 990' FNL 1330' FEL Sec 8 T24S R35E

Lea Co., New Mexico

Elev: GL 3433', KB 3458' (RKB 25')

Spud: 1/23/05 RR: 3/30/05

First Sales: 5/28/05

AFE # 1040409

Gas Gravity = 0.5911

BTU = 1034 - 1.43 GPM

Formation Tops

Rustler	839'
Bell Canyon	5233'
Cherry Canyon	6172'
Brushy Canyon	7609'
Bone Spring LS	9086'
3rd Bone Spring	10667'
Wolfcamp	11820'
Strawn	12673'
Atoka	12919'
Morrow	13257'
Morrow Shale Mkr.	13897'
Antelope Sand	13924'

PBD 14306 SLM
 LC @ 14308'
 TD 14400'