

Current Schematic

ConocoPhillips

Well Name: SAN JUAN 28-6 UNIT #59

API/UNW	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3003907400	75028, 12500W, 14-023N-009W	BLANCO MV (PRO)	40078	NEW MEXICO		
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		
6,458.00	6,471.00	13.00	6,471.00	13.00		

Well Config: - Original Hole, 5/2/2013 2:26:01 PM

ftKB (MD)	From/To	Schematic - Actual
0		
13		
14		
222		
224	Surface, 10 3/4in, 10.192in, 13 ftKB, 224 ftKB	
225		
2,065		
2,449	OJO ALAMO, 2,449	
2,652	KIRTLAND, 2,652	
3,037	FRUITLAND, 3,037	
3,305		
3,306		
3,315	PICTURED CLIFFS, 3,315	
3,349		
3,350	Intermediate1, 7 5/8in, 6.969in, 13 ftKB, 3,350 ftKB	
3,413	LEWIS, 3,413	
4,110		
5,053	CLIFF HOUSE, 5,053	
5,058		
5,128	Cliff House, 5,058-5,128, 3/13/1956	
5,133	MENEFEE, 5,133	
5,204		
5,462	Menefee, 5,204-5,462, 3/13/1956	
5,494	POINT LOOKOUT, 5,494	
5,498	Upper Point Lookout, 5,498-5,554, 3/13/1956	
5,554	SEATING NIPPLE, 2 3/8in, 4.70lbs/ft, J-55, 5,604 ftKB, 5,605 ftKB	
5,574	Lower Point Lookout, 5,574-5,659, 3/12/1956	
5,604		
5,605	TUBING, 2 3/8in, 4.70lbs/ft, J-55, 5,605 ftKB, 5,636 ftKB	
5,636	EXPENDABLE CHECK, 2 3/8in, 4.70lbs/ft, J-55, 5,636 ftKB, 5,637 ftKB	
5,637		
5,659		
5,690	PBTD, 5,690	
5,698	Production1, 5 1/2in, 5.012in, 13 ftKB, 5,700 ftKB	
5,700	TD, 5,700, 3/9/1956	

Surface Casing Cement, 14-224, 2/27/1956, Cemented w/ 165 sxs regular cmt. TOC estimated @ surface.

RCVD AUG 7 '13
OIL CONS. DIV.
DIST. 3

Intermediate Casing Cement, 2,065-3,350, 3/5/1956, Cemented w/150 sxs w/8% gel & 50 sxs neat cmt.. TOC 2065' from 1998 Well Data Sheet.

Production Casing Cement, 4,110-5,700, 3/9/1956, Cemented w/150 sxs regular cement. TOC @4110' from 1998 Well Data Sheet.



2030 Afton Place
Farmington, NM 87401
(505) 325-6622

Analysis No: CP130624
Cust No: 18300-18715

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 28-6 #59
County/State: RIO ARRIBA NM
Location: N14-28N-06W
Field:
Formation: MESA VERDE
Cust. Stn. No.: 86021-01
A728821SM

Source: CASING
Pressure: 149 PSIG
Sample Temp: 91 DEG. F
Well Flowing: Y
Date Sampled: 05/20/2013
Sampled By: WADE HACK
Foreman/Engr.: GARRETT WILSON

Remarks: LEASE #02805

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	1.821	0.2010	0.00	0.0176
CO2	0.343	0.0590	0.00	0.0052
Methane	83.870	14.2580	847.09	0.4646
Ethane	8.425	2.2590	149.10	0.0875
Propane	3.827	1.0570	96.29	0.0583
Iso-Butane	0.466	0.1530	15.15	0.0094
N-Butane	0.587	0.1860	19.15	0.0118
I-Pentane	0.163	0.0600	6.52	0.0041
N-Pentane	0.122	0.0440	4.89	0.0030
Hexane Plus	0.376	0.1680	19.82	0.0124
Total	100.000	18.4450	1158.01	0.6738

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

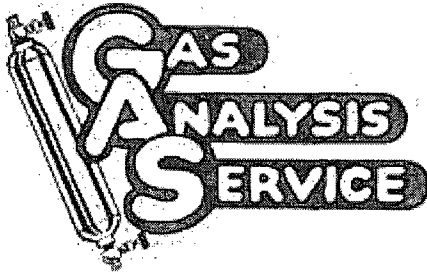
**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.003
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1164.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1143.9
REAL SPECIFIC GRAVITY: 0.6755

GPM, BTU, and SPG calculations as shown
above are based on current GPA factors.

DRY BTU @ 14.650: 1157.9
DRY BTU @ 14.696: 1161.5
DRY BTU @ 14.730: 1164.2
DRY BTU @ 15.025: 1187.5

CYLINDER #: 4104
CYLINDER PRESSURE: 160 PSIG
DATE RUN: 6/27/13 10:02 AM
ANALYSIS RUN BY: DAWN BLASSINGAME



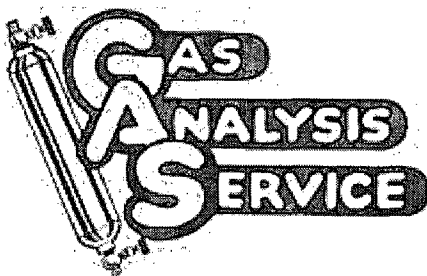
CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 28-6 #59
Stn. No.: 86021-01
Mtr. No.: A728821SM

CASING
MESA VERDE

07/01/2013
18300-18715

Smpl Date:	05/20/2013	06/28/2010
Test Date:	06/27/2013	06/30/2010
Run No:	CP130624	CP100424
Nitrogen:	1.821	0.792
CO2:	0.343	0.249
Methane:	83.870	81.282
Ethane:	8.425	8.498
Propane:	3.827	5.509
I-Butane:	0.466	1.059
N-Butane:	0.587	1.605
I-Pentane:	0.163	0.445
N-Pentane:	0.122	0.283
Hexane+:	0.376	0.278
BTU:	1164.2	1247.8
GPM:	18.4450	19.0110
SPG:	0.6755	0.7168



2030 Afton Place
Farmington, NM 87401
(505) 325-6622

Analysis No: CP130625
Cust No: 18300-18720

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 28-6 #59
County/State: RIO ARRIBA NM
Location: N14-28N-06W
Field:
Formation: MESA VERDE
Cust. Stn. No.: 86021-01
A728821SM

Source: INTERMEDIATE
Pressure: 170 PSIG
Sample Temp: 91 DEG. F
Well Flowing: Y
Date Sampled: 06/20/2013
Sampled By: WADE HACK
Foreman/Engr.: GARRETT WILSON

Remarks: LEASE #02805

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.756	0.0830	0.00	0.0073
CO2	0.345	0.0590	0.00	0.0052
Methane	84.913	14.4350	857.62	0.4703
Ethane	8.394	2.2510	148.55	0.0871
Propane	3.822	1.0560	96.17	0.0582
Iso-Butane	0.470	0.1540	15.28	0.0094
N-Butane	0.590	0.1870	19.25	0.0118
I-Pentane	0.166	0.0610	6.64	0.0041
N-Pentane	0.128	0.0470	5.13	0.0032
Hexane Plus	0.416	0.1860	21.93	0.0138
Total	100.000	18.5190	1170.57	0.6706

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.003
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1176.8
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1156.3
REAL SPECIFIC GRAVITY: 0.6723

GPM, BTU, and SPG calculations as shown
above are based on current GPA factors.

DRY BTU @ 14.650: 1170.4
DRY BTU @ 14.696: 1174.1
DRY BTU @ 14.730: 1176.8
DRY BTU @ 15.025: 1200.4

CYLINDER #: 4130
CYLINDER PRESSURE: 145 PSIG
DATE RUN: 6/27/13 10:04 AM
ANALYSIS RUN BY: BRANDY MEDFORD



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 28-6 #59
Stn. No.: 86021-01
Mtr. No.: A728821SM

INTERMEDIATE
MESA VERDE

07/01/2013
18300-18720

Smpl Date:	06/20/2013	06/28/2010
Test Date:	06/27/2013	06/30/2010
Run No:	CP130625	CP100425
Nitrogen:	0.756	0.825
CO2:	0.345	0.240
Methane:	84.913	81.392
Ethane:	8.394	8.429
Propane:	3.822	5.468
I-Butane:	0.470	1.060
N-Butane:	0.590	1.602
I-Pentane:	0.166	0.447
N-Pentane:	0.128	0.283
Hexane+:	0.416	0.254
BTU:	1176.8	1245.4
GPM:	18.5190	18.9930
SPG:	0.6723	0.7153