



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

Analysis No: FS160002
Cust No: 29805-10005

30-039-22784

Well/Lease Information

Customer Name: FOUR STAR OIL & GAS
Well Name: CW ROBERTS 6A; BHD
County/State: RIO ARRIBA NM
Location: 18-25N-03W
Field:
Formation:
Cust. Stn. No.:

Source: BRADENHEAD
Pressure: PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 07/19/2016
Sampled By: LENNY MOORE
Foreman/Engr.:

Remarks: SAMPLE PULLED FOR CHEVRON

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	1.643	0.1810	0.00	0.0159
CO2	0.022	0.0040	0.00	0.0003
Methane	85.864	14.5980	867.23	0.4756
Ethane	6.079	1.6300	107.58	0.0631
Propane	3.333	0.9210	83.86	0.0507
Iso-Butane	0.774	0.2540	25.17	0.0155
N-Butane	0.865	0.2730	28.22	0.0174
I-Pentane	0.392	0.1440	15.68	0.0098
N-Pentane	0.259	0.0940	10.38	0.0065
Hexane Plus	0.769	0.3440	40.53	0.0255
Total	100.000	18.4430	1178.66	0.6802

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0031

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1185.1

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1164.5

REAL SPECIFIC GRAVITY: 0.6821

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

DRY BTU @ 14.650: 1178.7

DRY BTU @ 14.696: 1182.4

DRY BTU @ 14.730: 1185.1

DRY BTU @ 15.025: 1208.8

CYLINDER #: 6078

CYLINDER PRESSURE: 22 PSIG

DATE RUN: 7/20/16 12:00 AM

ANALYSIS RUN BY: Shyann Elledge



FOUR STAR OIL & GAS
WELL ANALYSIS COMPARISON

Lease: CW ROBERTS 6A; BHD
Stn. No.:
Mtr. No.:

BRADENHEAD

07/21/2016
29805-10005

Smpl Date: 07/19/2016
Test Date: 07/20/2016
Run No: FS160002

Nitrogen: 1.643
CO2: 0.022
Methane: 85.864
Ethane: 6.079
Propane: 3.333
I-Butane: 0.774
N-Butane: 0.865
I-Pentane: 0.392
N-Pentane: 0.259
Hexane+: 0.769

BTU: 1185.1
GPM: 18.4430
SPG: 0.6821

ENTERPRISE FIELD SERVICES LLC (SAN JUAN)
Preparer Code: 135476534
Statement Title: Measurement Monthly Summary Statement
MEAS Contact: TINA LOVATO (505) 599-3204
STMT Contact: MARCUS WARE (713) 381-7816

Accounting/Production Period: 02/2016

BTU Basis: Dry
Reporting Basis: MCF @ 14.730

FOUR STAR OIL & GAS COMPANY
Recipient Code: 042064568
Location Code: NA
Report Date/Time: 03/10/2016 08:21
Statement Type: Original

Analysis Id: 89358 JICARILLA C #14

Device: (No spec equip)

GPA Version: 2145-09

Effective date Type Sample Date Dry BTU Wet BTU As Del BTU Gravity
01/01/2016 07:00 SPOT 12/15/2015 1190 1170 0.6772

	Methane	Ethane	Propane	Butane	Iso Butane	Pentane	Iso Pentane	Neo Pentane	Hexane	Heptane	Octane	Nonane	Decane	H2S	CO2	Nitrogen	Hydrn	Oxygen	Helium	Total
Mole %	85.42	7.26	3.87	0.94	0.80	0.21	0.33	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.09	0.76	0.00	0.00	0.00	100.00
GPM	0.0000	1.9482	1.0678	0.2974	0.2615	0.0747	0.1196	0.0000	0.1476	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	3.9168

Analysis Id: 89844 MARSHALL GENTLE #1A

Device: (No spec equip)

GPA Version: 2145-09

Effective date Type Sample Date Dry BTU Wet BTU As Del BTU Gravity
07/01/2015 07:00 SPOT 06/15/2015 1367 1344 0.7993

	Methane	Ethane	Propane	Butane	Iso Butane	Pentane	Iso Pentane	Neo Pentane	Hexane	Heptane	Octane	Nonane	Decane	H2S	CO2	Nitrogen	Hydrn	Oxygen	Helium	Total
Mole %	73.66	11.68	7.41	2.27	1.25	0.63	0.78	0.00	0.94	0.00	0.00	0.00	0.00	0.00	0.59	0.78	0.00	0.00	0.00	100.00
GPM	0.0000	3.1365	2.0506	0.7177	0.4098	0.2298	0.2881	0.0000	0.4231	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	7.2558

Analysis Id: 90029 C W ROBERTS CPD

Device: (No spec equip)

GPA Version: 2145-09

Effective date Type Sample Date Dry BTU Wet BTU As Del BTU Gravity
01/01/2016 07:00 SPOT 12/16/2015 1255 1233 0.7214

	Methane	Ethane	Propane	Butane	Iso Butane	Pentane	Iso Pentane	Neo Pentane	Hexane	Heptane	Octane	Nonane	Decane	H2S	CO2	Nitrogen	Hydrn	Oxygen	Helium	Total
Mole %	80.47	9.97	5.05	1.41	0.89	0.36	0.49	0.00	0.41	0.00	0.00	0.00	0.00	0.00	0.45	0.49	0.00	0.00	0.00	100.00
GPM	0.0000	2.6762	1.3958	0.4475	0.2912	0.1325	0.1794	0.0000	0.1855	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	5.3080

Analysis Id: 90303 BUNCE A #1 MV

Device: (No spec equip)

GPA Version: 2145-09

Effective date Type Sample Date Dry BTU Wet BTU As Del BTU Gravity
05/01/2015 07:00 SPOT 04/15/2015 1260 1238 0.7215

	Methane	Ethane	Propane	Butane	Iso Butane	Pentane	Iso Pentane	Neo Pentane	Hexane	Heptane	Octane	Nonane	Decane	H2S	CO2	Nitrogen	Hydrn	Oxygen	Helium	Total
Mole %	80.22	10.20	5.63	1.21	0.96	0.28	0.36	0.00	0.46	0.00	0.00	0.00	0.00	0.00	0.34	0.35	0.00	0.00	0.00	100.00
GPM	0.0000	2.7374	1.5555	0.3823	0.3156	0.1005	0.1308	0.0000	0.2045	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	5.4264

CW Roberts 6A