API #3004511616
2030 Afton Place
Farmington, NM 87401
(505) 325-6622

Analysis No: CP150455
Cust No: 18300-27170

Well/Lease Information

Customer Name:	CONOCO PHILLIPS COMPANY	Source:	BRADENHEAD
Well Name:	ANGEL PEAK B27 DK BHD	Pressure:	55 PSIG
County/State:	SAN JUAN	Sample Temp:	DEG. F
Location:		Well Flowing:	Y
Field:		Date Sampled:	07/23/2015
Formation:	DK	Sampled By:	BRAD PARKER
Cust. Stn. No.:	N/A	Foreman/Engr.:	MIKE MEGORDEN

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.926	0.1020	0.00	0.0090
CO2	0.020	0.0030	0.00	0.0003
Methane	88.926	15.1140	898.15	0.4926
Ethane	5.407	1.4500	95.69	0.0561
Propane	2.462	0.6800	61.95	0.0375
Iso-Butane	0.537	0.1760	17.46	0.0108
N-Butane	0.679	0.2150	22.15	0.0136
I-Pentane	0.291	0.1070	11.64	0.0072
N-Pentane	0.194	0.0710	7.78	0.0048
Hexane Plus	0.558	0.2490	29.41	0.0185
Total	100.000	18.1670	1144.24	0.6504

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBLITY FACTOR (1/Z):	1.0028
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	1150.1
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	1130.1
REAL SPECIFIC GRAVITY:	0.652

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

DRY BTU @ 14.650:	1143.9	CYLINDER #:	4179A
DRY BTU @ 14.696:	1147.4	CYLINDER PRESSURE:	57 PSIG
DRY BTU @ 14.730:	1150.1	DATE RUN:	8/14/15 3:08 PM
DRY BTU @ 15.025:	1173.1	ANALYSIS RUN BY:	DAWN BLASSINGAME

CONOCO PHILLIPS COMPANY

WELL ANALYSIS COMPARISON

Lease:	ANGEL PEAK B27 DK BHD	BRADENHEAD	08/21/2015
Stn. No.:	N/A	DK	18300-27170
Mtr. No.:			

Smpl Date:	07/23/2015
Test Date:	08/14/2015
Run No:	CP150455
Nitrogen:	0.926
CO2:	0.020
Methane:	88.926
Ethane:	5.407
Propane:	2.462
I-Butane:	0.537
N-Butane:	0.679
I-Pentane:	0.291
N-Pentane:	0.194
Hexane+:	0.558
BTU:	1150.1
GPM:	18.1670
SPG:	0.6520

API #3004511616
2030 Afton Place
Farmington, NM 87401
(505) 325-6622

Analysis No: CP150456
Cust No: 18300-27175

Well/Lease Information

Customer Name:	CONOCO PHILLIPS COMPANY	Source:	CASING
Well Name:	ANGEL PEAK B27 DK CSG	Pressure:	138 PSIG
County/State:	SAN JUAN	Sample Temp:	DEG. F
Location:		Well Flowing:	
Field:		Date Sampled:	07/23/2015
Formation:	DK	Sampled By:	BRAD PARKER
Cust. Stn. No.:	N/A	Foreman/Engr.:	MIKE MEGORDEN

OIL CONS. DIV DIST. 3

AUG 24 2015

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.329	0.0360	0.00	0.0032
CO2	0.572	0.0980	0.00	0.0087
Methane	75.879	12.9130	766.38	0.4203
Ethane	12.578	3.3770	222.59	0.1306
Propane	5.572	1.5410	140.20	0.0848
Iso-Butane	1.052	0.3460	34.21	0.0211
N-Butane	1.761	0.5570	57.45	0.0353
I-Pentane	0.796	0.2920	31.85	0.0198
N-Pentane	0.629	0.2290	25.21	0.0157
Hexane Plus	0.832	0.3720	43.86	0.0275
Total	100.000	19.7610	1321.74	0.7671

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBLITY FACTOR	(1/Z):	1.0041
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):		1330.3
BTU/CU.FT (WET) CORRECTED FOR (1/Z):		1307.2
REAL SPECIFIC GRAVITY:		0.7699

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

DRY BTU @ 14.650:	1323.1	CYLINDER #:	4214
DRY BTU @ 14.696:	1327.2	CYLINDER PRESSURE:	137 PSIG
DRY BTU @ 14.730:	1330.3	DATE RUN:	8/17/15 12:00 AM
DRY BTU @ 15.025:	1356.9	ANALYSIS RUN BY:	Kindra Anderson

CONOCO PHILLIPS COMPANY

WELL ANALYSIS COMPARISON

Lease:	ANGEL PEAK B27 DK CSG	CASING	08/21/2015
Stn. No.:	N/A	DK	18300-27175
Mtr. No.:			

Smpl Date:	07/23/2015
Test Date:	08/17/2015
Run No:	CP150456
Nitrogen:	0.329
CO2:	0.572
Methane:	75.879
Ethane:	12.578
Propane:	5.572
I-Butane:	1.052
N-Butane:	1.761
I-Pentane:	0.796
N-Pentane:	0.629
Hexane+:	0.832
BTU:	1330.3
GPM:	19.7610
SPG:	0.7699

Current Schematic

ConocoPhillips

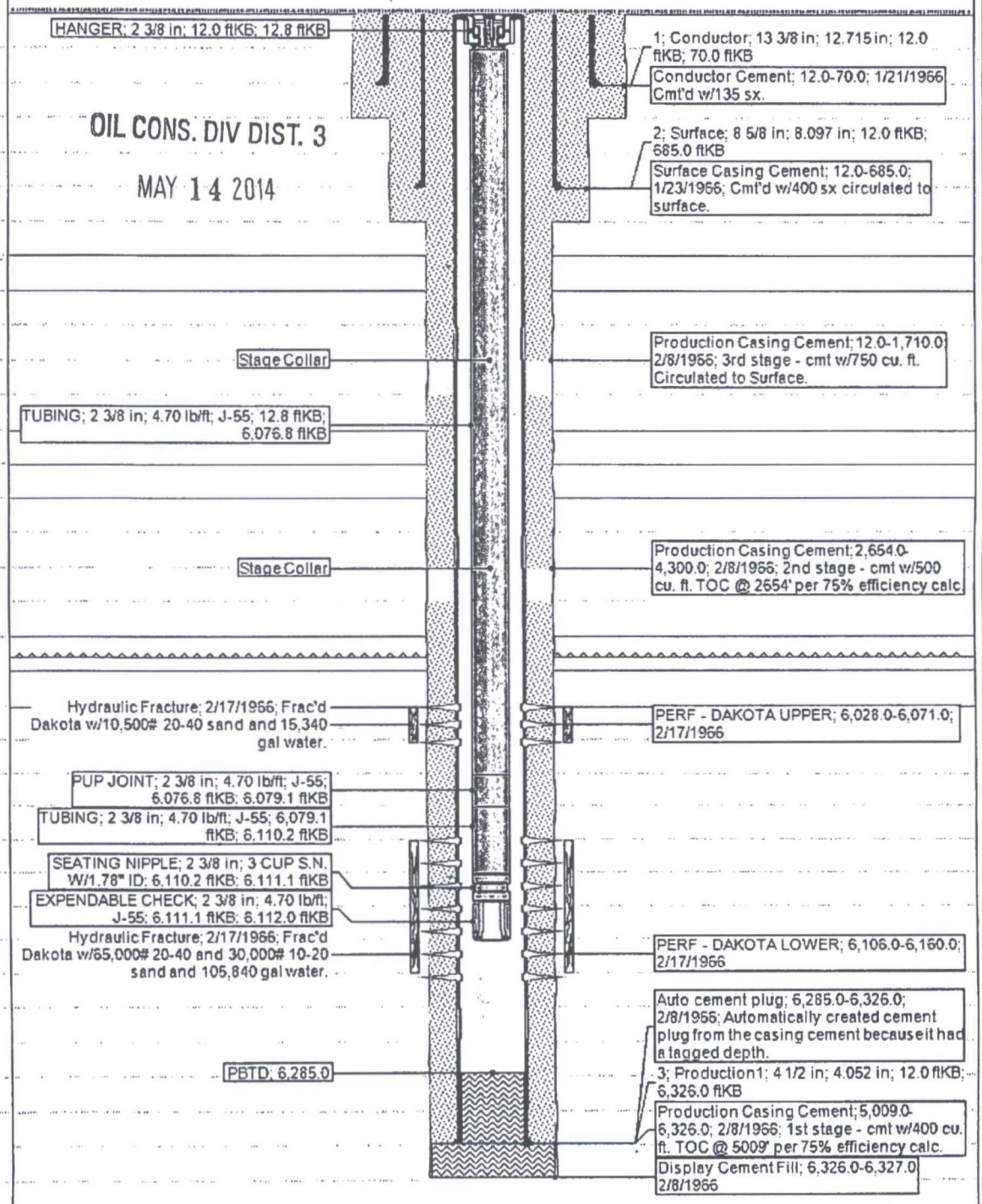
Well Name: ANGEL PEAK B #27

API/UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type
3004511616	NMPM,025-028N-011W	BASIN DAKOTA (PRORATED GAS)		NEW MEXICO	

Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
5,636.00	5,646.00	10.00	5,646.00	5,646.00

Original Hole, 3/10/2014 2:09:30 PM

MD (ftKB)	Formation Tops
12.1	
12.8	
69.9	
75.1	
654.1	
685.0	
687.0	
1,583.1	FRUITLA...
1,680.1	PICTUR...
1,708.0	
1,710.0	
2,683.9	
3,111.9	CLIFF H...
3,918.0	POINT L...
4,270.0	MANCOS
4,297.9	
4,299.9	
5,006.9	
5,140.1	GALLUP
5,990.0	GREEN...
6,027.9	DAKOTA
6,070.9	
6,076.8	
6,079.1	
6,106.0	
6,110.2	
6,111.2	
6,111.9	
6,160.1	
6,283.1	
6,284.1	
6,285.1	
6,325.1	
6,326.1	
6,327.1	



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