

ConocoPhillips

ConocoPhillips
 Field: San Juan County, NM
 Site: San Juan 32-8 Unit 207A
 Well: Well # 207A
 Wellpath: Original Hole
 Plan: Plan #1



Azimuths to Grid North
 True North: -0.06°
 Magnetic North: 10.43°

Magnetic Field
 Strength: 51356nT
 Dip Angle: 63.69°
 Date: 8/1/2006
 Model: igrf2005

30-045-33898

San Juan County, NM
 New Mexico
 USA

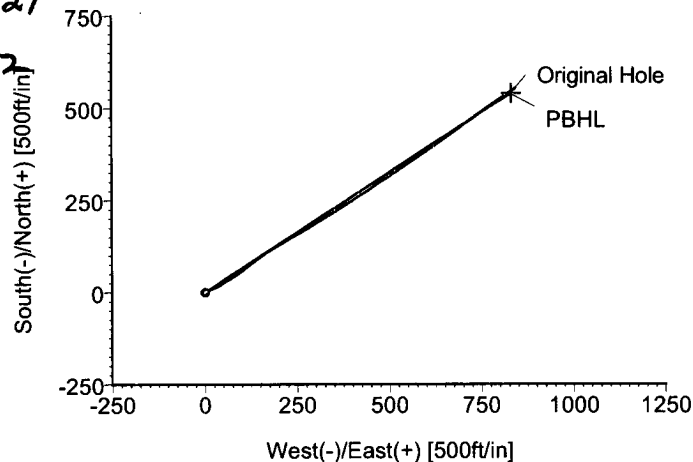
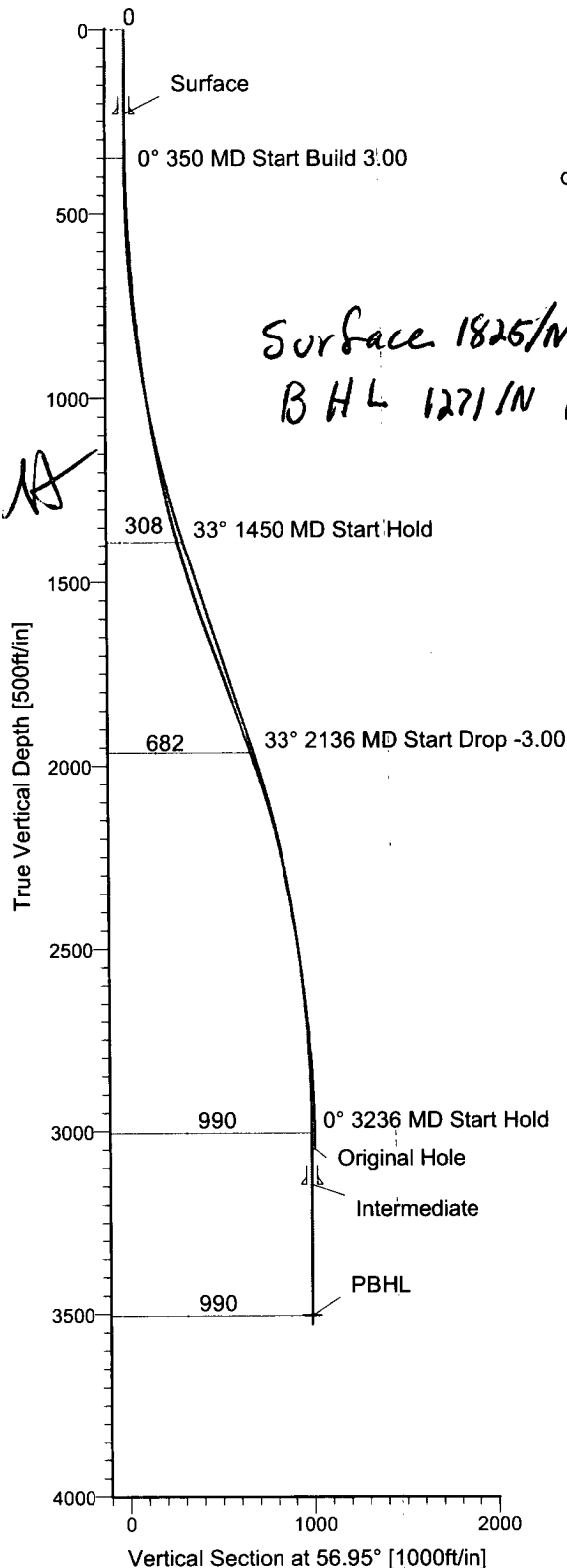
Geodetic System: US State Plane Coordinate System 1927
 Ellipsoid: NAD27 (Clarke 1866)
 Zone: New Mexico, Western Zone
 Magnetic Model: igrf2005

System Datum: Mean Sea Level
 Local North: Grid North

SITE DETAILS

San Juan 32-8 Unit 207A
 Sec 21-T31N-R8W

Water Depth: 0.00
 Positional Uncertainty: 0.00
 Convergence: 0.00



TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL	3506.00	540.00	830.00	0.00	0.00	Point

WELLPATH DETAILS

Original Hole

Rig:			
Ref. Datum:	SITE	0.00ft	
V. Section Angle	Origin +N/-S	Origin +E/-W	Starting From TVD
56.95°	0.00	0.00	0.00

CASING DETAILS

No.	TVD	MD	Name	Size
1	230.00	230.00	Surface	9.625
2	3146.00	3376.44	Intermediate	7.000

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	56.95	0.00	0.00	0.00	0.00	0.00	0.00	
2	350.00	0.00	56.95	350.00	0.00	0.00	0.00	0.00	0.00	
3	1450.35	33.01	56.95	1390.48	168.13	258.43	3.00	56.95	308.31	
4	2136.10	33.01	56.95	1965.52	371.87	571.57	0.00	0.00	681.90	
5	3236.44	0.00	56.95	3006.00	540.00	830.00	3.00	180.00	990.20	
6	3736.44	0.00	56.95	3506.00	540.00	830.00	0.00	0.00	990.20	PBHL

Ryan Energy Technologies

Survey Report



OIL CONS. DIV.

DIST. 3

Company: ConocoPhillips **Date:** 11/16/2006 **Time:** 09:28:46 **Page:** 1
Field: San Juan County, NM **Co-ordinate(NE) Reference:** Site: San Juan 32-8 Unit 207A, Grid Nort
Site: San Juan 32-8 Unit 207A **Vertical (TVD) Reference:** SITE 0.0
Well: Well # 207A **Section (VS) Reference:** Well (0.00N,0.00E,56.95Azi)
Wellpath: Original Hole **Survey Calculation Method:** Minimum Curvature **Db:** Sybase

Field: San Juan County, NM
 New Mexico
 USA

Map System: US State Plane Coordinate System 1927
Geo Datum: NAD27 (Clarke 1866)
Sys Datum: Mean Sea Level

Map Zone: New Mexico, Western Zone
Coordinate System: Site Centre
Geomagnetic Model: igrf2005

Site: San Juan 32-8 Unit 207A

Sec 21-T31N-R8W

Site Position: **Northing:** ft **Latitude:**
From: Local Only **Easting:** ft **Longitude:**
Position Uncertainty: 0.00 ft **North Reference:** Grid
Ground Level: 0.00 ft **Grid Convergence:** deg

Well: Well # 207A

Slot Name:

Well Position: +N/-S 0.00 ft **Northing:** ft **Latitude:**
 +E/-W 0.00 ft **Easting:** ft **Longitude:**
Position Uncertainty: 0.00 ft

Wellpath: Original Hole

Drilled From: Surface
Tie-on Depth: 0.00 ft
Above System Datum: Mean Sea Level
Declination: 0.00 deg
Mag Dip Angle: 0.00 deg
+E/-W **Direction**
 ft deg

Current Datum: SITE **Height** 0.00 ft
Magnetic Data: 12/29/2005
Field Strength: 0 nT
Vertical Section: Depth From (TVD) +N/-S
 ft ft

0.00 0.00 0.00 56.95

Survey: Ryan MWD

Start Date: 11/14/2006

Company: Ryan Energy Technologies Inc.
Tool: MWD;Standard MWD

Engineer: Charlotte Sims
Tied-to: From Surface

Survey: Ryan MWD

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
261.00	0.50	45.50	261.00	0.80	0.81	1.12	0.19	0.19	0.00	MWD
353.00	2.20	71.90	352.97	1.63	2.78	3.22	1.92	1.85	28.70	MWD
444.00	4.10	65.20	443.83	3.54	7.39	8.12	2.12	2.09	-7.36	MWD
536.00	6.60	68.00	535.42	6.90	15.28	16.57	2.73	2.72	3.04	MWD
631.00	8.70	67.00	629.57	11.75	26.96	29.00	2.21	2.21	-1.05	MWD
725.00	10.90	59.20	722.20	19.08	41.14	44.89	2.73	2.34	-8.30	MWD
820.00	13.10	58.50	815.11	29.30	58.03	64.63	2.32	2.32	-0.74	MWD
914.00	15.00	57.10	906.30	41.48	77.33	87.44	2.05	2.02	-1.49	MWD
1009.00	17.40	52.20	997.52	56.87	98.88	113.90	2.91	2.53	-5.16	MWD
1104.00	19.70	51.90	1087.58	75.45	122.71	144.01	2.42	2.42	-0.32	MWD
1199.00	21.70	54.70	1176.45	95.49	149.65	177.51	2.35	2.11	2.95	MWD
1294.00	24.00	58.20	1263.99	115.82	180.41	214.38	2.81	2.42	3.68	MWD
1390.00	27.50	59.90	1350.44	137.23	216.19	256.05	3.73	3.65	1.77	MWD
1484.00	29.90	59.60	1432.89	159.97	255.18	301.13	2.56	2.55	-0.32	MWD
1579.00	32.00	58.20	1514.36	185.22	297.00	349.96	2.34	2.21	-1.47	MWD
1674.00	34.20	58.50	1593.94	212.44	341.16	401.82	2.32	2.32	0.32	MWD
1768.00	36.60	57.50	1670.56	241.30	387.33	456.25	2.63	2.55	-1.06	MWD
1863.00	36.10	56.10	1747.07	272.13	434.44	512.56	1.02	-0.53	-1.47	MWD
1958.00	35.30	56.10	1824.22	303.05	480.45	567.99	0.84	-0.84	0.00	MWD
2053.00	34.90	56.40	1901.94	333.40	525.87	622.61	0.46	-0.42	0.32	MWD
2148.00	34.60	56.40	1980.00	363.36	570.97	676.76	0.32	-0.32	0.00	MWD
2180.00	34.20	56.10	2006.40	373.41	586.01	694.83	1.36	-1.25	-0.94	MWD
2275.00	31.50	55.00	2086.20	402.54	628.51	746.34	2.91	-2.84	-1.16	MWD

Ryan Energy Technologies

Survey Report



Company: ConocoPhillips Field: San Juan County, NM Site: San Juan 32-8 Unit 207A Well: Well # 207A Wellpath: Original Hole	Date: 11/16/2006 Co-ordinate(N/E) Reference: Site: San Juan 32-8 Unit 207A, Grid Nort Vertical (TVD) Reference: SITE 0.0 Section (VS) Reference: Well (0.00N,0.00E,56.95Azi) Survey Calculation Method: Minimum Curvature Db: Sybase
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Survey: Ryan MWD

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
2369.00	26.50	54.30	2168.39	428.88	665.68	791.87	5.33	-5.32	-0.74	MWD
2464.00	23.90	54.00	2254.34	452.56	698.46	832.26	2.74	-2.74	-0.32	MWD
2558.00	21.10	54.30	2341.18	473.63	727.61	868.19	2.98	-2.98	0.32	MWD
2653.00	18.20	54.00	2430.64	492.34	753.51	900.09	3.05	-3.05	-0.32	MWD
2748.00	15.50	55.40	2521.55	508.27	775.96	927.60	2.87	-2.84	1.47	MWD
2843.00	13.30	55.40	2613.56	521.68	795.41	951.22	2.32	-2.32	0.00	MWD
2938.00	11.00	55.70	2706.43	533.00	811.89	971.21	2.42	-2.42	0.32	MWD
3032.00	8.20	54.00	2799.10	541.99	824.73	986.87	2.99	-2.98	-1.81	MWD
3126.00	5.80	61.40	2892.40	548.21	834.32	998.30	2.72	-2.55	7.87	MWD
3220.00	3.40	46.90	2986.09	552.39	840.53	1005.78	2.82	-2.55	-15.43	MWD
3283.00	1.50	13.90	3049.03	554.46	842.09	1008.23	3.64	-3.02	-52.38	MWD

Ryan Energy Technologies

COMPLETION REPORT



Company: ConocoPhillips	Date: 11/16/2006	Time: 09:31:15	Page: 1
Field: San Juan County, NM	Co-ordinate(NE) Reference:	Site: San Juan 32-8 Unit 207A, Grid North	
Site: San Juan 32-8 Unit 207A	Vertical (TVD) Reference:	SITE: 0.0	
Well: Well # 207A	Section (VS) Reference:	Well: (0.00N,0.00E,56.95Azi)	
Wellpath: Original Hole	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Field: San Juan County, NM New Mexico USA	Map System: US State Plane Coordinate System 1927	Map Zone: New Mexico, Western Zone
Geo Datum: NAD27 (Clarke 1866)	Coordinate System: Site Centre	
Sys Datum: Mean Sea Level	Geomagnetic Model: igrf2005	

Site: San Juan 32-8 Unit 207A			
Sec 21-T31N-R8W			
Site Position:	Northing: ft	Latitude:	
From: Local Only	Easting: ft	Longitude:	
Position Uncertainty: 0.00 ft		North Reference: Grid	
Ground Level: 0.00 ft		Grid Convergence: deg	

Well: Well # 207A	Slot Name:		
Well Position: +N/-S 0.00 ft	Northing: ft	Latitude:	
+E/-W 0.00 ft	Easting: ft	Longitude:	
Position Uncertainty: 0.00 ft			

Wellpath: Original Hole	Drilled From: Surface		
Current Datum: SITE	Tie-on Depth: 0.00 ft		
Magnetic Data: 12/29/2005	Above System Datum: Mean Sea Level		
Field Strength: 0 nT	Declination: 0.00 deg		
Vertical Section: Depth From (TVD)	Mag Dip Angle: 0.00 deg		
ft	+N/-S ft	+E/-W ft	Direction deg
0.00	0.00	0.00	56.95

Survey Program for Definitive Wellpath	Version: 0		
Date: 11/16/2006	Validated: No	Toolcode	Tool Name
Actual From ft	To ft		
261.00	3283.00	Ryan-MWD (261.00-3283.00)	Standard MWD

Survey										
MD	Incl	TVD	VS	Azim	N/S	E/W	ClsD	ClsA	DLS	TOOL TYPE
ft	deg	ft	ft	deg	ft	ft	ft	deg	deg/100ft	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	TIE LINE
261.00	0.50	261.00	1.12	45.50	0.80	0.81	1.14	45.50	0.19	MWD
353.00	2.20	352.97	3.22	71.90	1.63	2.78	3.22	59.62	1.92	MWD
444.00	4.10	443.83	8.12	65.20	3.54	7.39	8.19	64.44	2.12	MWD
536.00	6.60	535.42	16.57	68.00	6.90	15.28	16.76	65.71	2.73	MWD
631.00	8.70	629.57	29.00	67.00	11.75	26.96	29.41	66.45	2.21	MWD
725.00	10.90	722.20	44.89	59.20	19.08	41.14	45.35	65.12	2.73	MWD
820.00	13.10	815.11	64.63	58.50	29.30	58.03	65.01	63.21	2.32	MWD
914.00	15.00	906.30	87.44	57.10	41.48	77.33	87.75	61.79	2.05	MWD
1009.00	17.40	997.52	113.90	52.20	56.87	98.88	114.07	60.10	2.91	MWD
1104.00	19.70	1087.58	144.01	51.90	75.45	122.71	144.05	58.41	2.42	MWD
1199.00	21.70	1176.45	177.51	54.70	95.49	149.65	177.52	57.46	2.35	MWD
1294.00	24.00	1263.99	214.38	58.20	115.82	180.41	214.38	57.30	2.81	MWD
1390.00	27.50	1350.44	256.05	59.90	137.23	216.19	256.06	57.59	3.73	MWD
1484.00	29.90	1432.89	301.13	59.60	159.97	255.18	301.17	57.92	2.56	MWD
1579.00	32.00	1514.36	349.96	58.20	185.22	297.00	350.02	58.05	2.34	MWD
1674.00	34.20	1593.94	401.82	58.50	212.44	341.16	401.90	58.09	2.32	MWD
1768.00	36.60	1670.56	456.25	57.50	241.30	387.33	456.34	58.08	2.63	MWD
1863.00	36.10	1747.07	512.56	56.10	272.13	434.44	512.63	57.94	1.02	MWD
1958.00	35.30	1824.22	567.99	56.10	303.05	480.45	568.04	57.76	0.84	MWD
2053.00	34.90	1901.94	622.61	56.40	333.40	525.87	622.65	57.63	0.46	MWD
2148.00	34.60	1980.00	676.76	56.40	363.36	570.97	676.79	57.53	0.32	MWD
2180.00	34.20	2006.40	694.83	56.10	373.41	586.01	694.87	57.49	1.36	MWD

Ryan Energy Technologies

COMPLETION REPORT



Company: ConocoPhillips Field: San Juan County, NM Site: San Juan 32-8 Unit 207A Well: Well # 207A Wellpath: Original Hole	Date: 11/16/2006 Time: 09:31:15 Page: 2 Co-ordinate(NE) Reference: Site: San Juan 32-8 Unit 207A, Grid Nort Vertical (TVD) Reference: SITE 0.0 Section (VS) Reference: Well (0.00N,0.00E,56.95Azi) Survey Calculation Method: Minimum Curvature Db: Sybase
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Survey

MD ft	Incl deg	TVD ft	VS ft	Azim deg	N/S ft	E/W ft	ClsD ft	ClsA deg	DLS deg/100ft	TOOL TYPE
2275.00	31.50	2086.20	746.34	55.00	402.54	628.51	746.36	57.36	2.91	MWD
2369.00	26.50	2168.39	791.87	54.30	428.88	665.68	791.87	57.21	5.33	MWD
2464.00	23.90	2254.34	832.26	54.00	452.56	698.46	832.26	57.06	2.74	MWD
2558.00	21.10	2341.18	868.19	54.30	473.63	727.61	868.19	56.94	2.98	MWD
2653.00	18.20	2430.64	900.09	54.00	492.34	753.51	900.09	56.84	3.05	MWD
2748.00	15.50	2521.55	927.60	55.40	508.27	775.96	927.61	56.77	2.87	MWD
2843.00	13.30	2613.56	951.22	55.40	521.68	795.41	951.23	56.74	2.32	MWD
2938.00	11.00	2706.43	971.21	55.70	533.00	811.89	971.21	56.72	2.42	MWD
3032.00	8.20	2799.10	986.87	54.00	541.99	824.73	986.88	56.69	2.99	MWD
3126.00	5.80	2892.40	998.30	61.40	548.21	834.32	998.31	56.69	2.72	MWD
3220.00	3.40	2986.09	1005.78	46.90	552.39	840.53	1005.79	56.69	2.82	MWD
3283.00	1.50	3049.03	1008.23	13.90	554.46	842.09	1008.24	56.64	3.64	MWD

Report No.: 15
Date M/Y/D: 13-Nov-06



Ryan Job #

DAILY DRILLING REPORT

Oil Company: Connoco Phillips
Field: 0
Location: San Juan Co. NM
AFE or PO #: 0

Customer: Connoco Phillips
Well Name & No.: San Juan 32-8 207 A
Block or Section: #21 T31N R8W
Rig Contractor & No.: Patterson 749

00:00 Depth: 240 Footage Today: -240 Drig Hrs Today: 0 ROP Today: #DIV/0! Last Casing Set: 9 5/8
24:00 Depth: Current Run Ftg: 0 Run Drig Hrs: 0 Run Avg. ROP: #DIV/0! Depth: 231
Previous Run Ftg: 0 Run Drig Hrs: 0 Run Avg. ROP: #DIV/0!

PUMP DATA				MUD DATA			BHA #	BHA #	MOTOR DATA		CURRENT	PREVIOUS
Pump	0	0	0	Mud Type	Water Base			1	Run No.	1 RR		
Liner (in)	5	5		Sample	IN	OUT		Bit	Size (in.)	6 3/4		
%	95	95		Time				Mtr	Type	Perf		
Vol (gps)	0.00	0.00	0.00	Wt.				Stab	Serial No.	2115		
SPM	100			VIS				Mss	Tool Deflection	1.5		
DRILLING PARAMETERS				PV				Mwdc	Avg. Diff. Press.			
				YP				Nmdc	Daily Drill Hrs.			
ST. WT. ROT 1000's:				WL				6- dc's	Daily Circ. Hrs.			
P/U WT. 1000's:				CL				10- hwdp	Daily Total Hrs:	0	0	
S/O WT. 1000's:				Gels					Acc. Drill Hrs.	0	0	
WOB 1000's:				% Oil					Acc. Circ. Hrs.	0	0	
ROTARY RPM:				% Solids					Depth In			
MOTOR RPM:				% Sand					Depth Out			
TOTAL Bit RPM	0	0		PH					LIH Hrs.			
ROT TQ. OFF BTM:				Temp F					Acc. LIH Hrs.	0	0	
ROT TQ. ON BTM:				MWD F			BHA WT		Acc. Hrs Cir/Drilg	0	0	
Current Mag Dec:				GPM			BELOW JARS					
Pulse Hight				PSI					Jar # HRS			
"G" Totals												

BIT DATA														BULL CONDITION					
Bit No.	Size (in)	Mfg	Type	Serial No.	Nozzles on TFA	Depth In	Cum Footage	Cum Hrs	Depth Out	IR	OR	DC	LOC	B/S	G/H	OC	RPLD		
1	8 3/4	HTC	HCM506Z	7112048	6 x 16	240	-240	0.0	0										

From	Hrs	Start Depth	End Depth	CL	Code	Time Breakdown	Current Operations			
0:00	2:00				S	Standby				
2:00	1:50				6.g	P/U Bha # 1				
3:30	20:50				6.a	Work on water pump				

Report No.: 15
Date M/Y/D: 13-Nov-06



Ryan Job #

DAILY DRILLING REPORT

Oil Company: Connoco Phillips
Field: 0
Location: San Juan Co. NM
AFE or PO #: 0

Customer: Connoco Phillips
Well Name & No.: San Juan 32-8 207 A
Block or Section: #21 T31N R8W
Rig Contractor & No.: Patterson 749

00:00 Depth: 240 Footage Today: 1176 Drlg Hrs Today: 14.5 ROP Today: 81.10 Last Casing Set: 9 5/8
24:00 Depth: 1416 Current Run Ftg: 1176 Run Drlg Hrs: 14.5 Run Avg. ROP: 81.10 Depth: 231
Previous Run Ftg: 0 Run Drlg Hrs: 0 Run Avg. ROP: #DIV/0!

PUMP DATA Total Gals/Min = 0				MUD DATA				BHA #	BHA #	MOTOR DATA		CURRENT	PREVIOUS
Pump	0	0	0	Mud Type	Water Base				1	Run No.	1	RR	
Liner (in)	5	5		Sample	IN		OUT		Bit	Size (in.)	6 3/4		
%	95	95		Time					Mtr	Type	Perf		
Vol (gps)	0.00	0.00	0.00	Wt.					Stab	Serial No.	2115		
SPM	100			VIS					Mss	Tool Deflection	1.5		
DRILLING PARAMETERS				PV					Mwdc	Avg. Diff. Press.	200		
				YP					Nmdc	Daily Drill Hrs.	14.5		
ST. WT. ROT 1000's:	60			WL					6- dc's	Daily Circ. Hrs.	5		
P/U WT. 1000's:	70			CL					10- hwdp	Daily Total Hrs:	19.5	0	
S/O WT. 1000's:	50			Gels						Acc. Drill Hrs.	14.5	0	
WOB 1000's:	20			% Oil						Acc. Circ. Hrs.	5	0	
ROTARY RPM:	60			% Solids						Depth In	240		
MOTOR RPM:	115			% Sand						Depth Out			
TOTAL Bit RPM	175	0		PH						LIH Hrs.			
ROT TQ. OFF BTM:				Temp F						Acc. LIH Hrs.	22	0	
ROT TQ. ON BTM:				MWD F				BHA WT		Acc. Hrs Cir/Drilg	19.5	0	
Current Mag Dec:				GPM	480			BELOW JARS					
Pulse Height				PSI	900					Jar # HRS			
"G" Totals													

BIT DATA																
Bit No	Size (in)	Mfg	Type	Serial No.	Nozzles or TFA	Depth in	Cum Footage	Cum Hrs	Depth Out	DULL CONDITION						
										IR	OR	DC	LOC	B/S	G/16"	OC
1	8 3/4	HTC	HCM506Z	7112048	6 x 16	240	1176	14.5	0							

From	Hrs	Start Depth	End Depth	CL	Code	Time Breakdown	Current Operations
0:00	2:00				S	Standby	
2:00	1:50				6.g	P/U Bha # 1	
3:30	1:00				6.a	Work on water pump	
4:30	2:00				3.a	Drilg cmt 185' - 240'	
6:30	1:00	240	320	80	2.a	Rotate	
7:30	0:50	320	345	25	2.b	Slide	
8:00	0:67	345	412	67	2.a	Rotate	
8:40	0:33	412	442	30	2.b	Slide	
9:00	0:58	442	503	61	2.a	Rotate	
9:35	0:25	503	534	31	2.b	Slide	
9:50	0:42	534	595	61	2.a	Rotate	
10:15	0:33				7	Rig Service	
10:35	0:33	595	626	31	2.b	Slide	
10:55	0:67	626	689	63	2.a	Rotate	
11:35	0:50	689	721	32	2.b	Slide	
12:05	0:58	721	784	63	2.a	Rotate	
12:40	0:50	784	815	31	2.b	Slide	
13:10	1:00	815	878	63	2.a	Rotate	
14:10	0:50	878	910	32	2.b	Slide	
14:40	0:50	910	973	63	2.a	Rotate	
15:10	0:50	973	1014	41	2.b	Slide	
15:40	0:42	1014	1068	54	2.a	Rotate , pumps surging	
16:05	0:42	1068	1068	0	7	Change fuel filters in pump engines	
16:30	0:75	1068	1073	5	2.b	Slide ??? Pumps noisy & surging	
17:15	0:33	1073	1131	58	2.a	Rotate	
17:35	0:92				7	Trouble shoot pump noise	
18:30	0:33	1131	1162	31	2.a	Rotate	
18:50	0:50	1162	1194	32	2.b	Slide ??? Pumps noisy	
19:20	1:17				7	Pumps fixed	
20:30	0:33	1194	1204	10	2.b	Slide	
20:50	0:75	1204	1257	53	2.a	Rotate	
21:35	1:08	1257	1304	47	2.A	Slide	
22:40	0:50	1304	1352	48	2.a	Rotate	
23:10	0:58	1352	1399	47	2.a	Slide	
23:45	0:25	1399	1416	17	2.a	Rotate	
							24 Hour Breakdown
							Ftg Rot. 876 Time Rot. 9.66666667
							Ftg Orient 300 Time Orient 5
							Rot. ROP 90.62 Orient ROP 60.00

Report No.: 17
Date M/Y/D: 15-Nov-06



Ryan Job #

DAILY DRILLING REPORT

Oil Company: **Connoco Phillips**
Field: **0**
Location: **San Juan Co. NM**
AFE or PO #: **0**

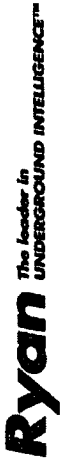
Customer: **Connoco Phillips**
Well Name & No.: **San Juan 32-8 207 A**
Block or Section: **#21 T31N R8W**
Rig Contractor & No.: **Patterson 749**

00:00 Depth: 2238 Footage Today: 1009 Drig Hrs Today: 18 ROP Today: 56.06 Last Casing Set: 9 5/8
24:00 Depth: 3247 Current Run Ftg: 3007 Run Drig Hrs: 42.5 Run Avg. ROP: 70.75 Depth: 231
Previous Run Ftg: 0 Run Drig Hrs: 0 Run Avg. ROP: #DIV/0!

PUMP DATA Total Gals/Min				MUD DATA				BHA #	BHA #	MOTOR DATA		CURRENT	PREVIOUS
Pump	1	2	0	Mud Type	Water Base				1	Run No.	1 RR		
Liner (in)	6 1/2	6		Sample	IN		OUT		Bit	Size (in.)	6 3/4		
%	95	95		Time					Mtr	Type	Perf		
Vol (gps)	3.50	3.00	0.00	Wt.					Stab	Serial No.	2115		
SPM	75	75		VIS					Mss	Tool Deflection	1.5		
DRILLING PARAMETERS				PV					Mwdc	Avg. Diff. Press.	200		
ST. WT. ROT 1000's:	75			YP					Nmdc	Daily Drill Hrs.	18		
P/U WT. 1000's:	85			WL					6- dc's	Daily Circ. Hrs.	3.5		
S/O WT. 1000's:	60			CL					10- hwdp	Daily Total Hrs:	21.5	0	
WOB 1000's:	25			Gels						Acc. Drill Hrs.	42.5	0	
ROTARY RPM:	60			% Oil						Acc. Circ. Hrs.	9.5	0	
MOTOR RPM:	115			% Solids						Depth In	240		
TOTAL Bit RPM	175	0		% Sand						Depth Out			
ROT TQ. OFF BTM:				PH						LIH Hrs.	24		
ROT TQ. ON BTM:				Temp F						Acc. LIH Hrs.	70	0	
Current Mag Dec:				MWD F				BHA WT		Acc. Hrs Cir/Drilg	52	0	
Pulse Hight				GPM	480			BELOW JARS					
"G" Totals				PSI	1200					Jar # HRS			

BIT DATA														DULL CONDITION					
Bit No	Size (in)	Mfg	Type	Serial No.	Nozzles or TFA	Depth In	Cum Footage	Cum Hrs	Depth Out	IR	OR	DC	LOC	B/S	G/15"	OC	RPLD		
1	8 3/4	HTC	HCM506Z	7112048	6 x 16	240	3007	42.5	0										

From	Hrs	Start Depth	End Depth	CL	Code	Time Breakdown	Current Operations			
0:00	1.50				6.a	Tih ream tight spots				
1:30	2.00				3.a	Ream 2092'-2238'				
3:30	1.50	2238	2250	12	2.b	Slide				
5:00	0.75				o	Ice plug in Mwd transducer , unplug same				
5:45	0.25	2250	2254	4	2.b	Slide				
6:00	0.25	2254	2270	16	2.a	Rotate				
6:15	0.33				7	Rig Service				
6:35	0.17	2270	2284	14	2.b	Slide				
6:45	0.67	2284	2333	49	2.a	Rotate	Estimated Daily Charges			
7:25	0.50	2333	2358	25	2.b	Slide	Description	Cost		
7:55	0.67	2358	2428	70	2.a	Rotate	Steerable w/ MWD	\$ 7,800.00		
8:35	0.75	2428	2442	14	2.b	Slide		\$ -		
9:20	1.00	2442	2523	81	2.a	Rotate				
10:20	0.33	2523	2540	17	2.b	Slide	Purge Cabin	\$ 110.00		
10:40	0.75	2540	2617	77	2.a	Rotate	Lodging X 1	\$ 100.00		
11:25	0.42	2617	2637	20	2.b	Slide	Per Diem (2 Men)	\$ 150.00		
11:50	0.17	2637	2648	11	2.a	Rotate				
12:00	0.75				7	Rig Service				
12:45	0.75	2648	2711	63	2.a	Rotate				
13:30	0.42	2711	2731	20	2.b	Slide				
13:55	1.00	2731	2806	75	2.a	Rotate				
14:55	0.67	2806	2828	22	2.b	Slide				
15:35	1.00	2828	2901	73	2.a	Rotate	Estimated Daily Cost (USD)	\$ 8,160.00		
16:35	0.75	2901	2926	25	2.b	Slide	Accumulated Cost (USD)	\$ 85,280.00		
17:20	0.67	2926	2996	70	2.a	Rotate	Company Representative (s)			
18:00	0.50				7	Rig Service	David Crow	0		
18:30	0.83	2996	3028	32	2.b	Slide	0	0		
19:20	0.83	3028	3090	62	2.a	Rotate	RYAN Directional Representative (s)			
20:10	0.75	3090	3122	32	2.b	Slide	Charles Vestal			
20:55	1.00	3122	3184	62	2.a	Rotate				
21:55	1.58	3184	3231	47	2.b	Slide	RYAN MWD Representative (s)			
23:30	0.25	3231	3247	16	2.a	Rotate	Rusty Toney			
23:45	0.25	3247	3255	8	2.b	Slide				
							24 Hour Breakdown			
							Ftg Rot.	725	Time Rot.	9
							Ftg Orient	292	Time Orient	9.166666667
							Rot. ROP	80.56	Orient ROP	31.85



BOTTOM HOLE ASSEMBLY #1

Cornoco Phillips 32-8 207A
11/13/20063:59 AM
1