

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other
b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other _____

5. Lease Serial No.
SF078472

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.

2. Name of Operator
CONOCOPHILLIPS COMPANY

RECEIVED

3. Address
5525 HIGHWAY 64 FARMINGTON NM 87401

3.a Phone No. (Include area code)
(505)599-3419

8. Lease Name and Well No.
SAN JUAN 32-7 UNIT 236A

9. API Well No.
30-045-32448

10. Field and Pool, or Exploratory
BASIN FRUITLAND COAL

11. Sec., T., R., M., on Block and
Survey or Area J Sec: 28 Twn: 32N

12. County or Parish SAN JUAN 13. State NEW MEXICO

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At Surface 2236 FSL & 2387 FEL NWSE SEC 28 T32N R7W

At top prod. interval reported below

At total depth 3050 FSL & 3441 FEL NESW SEC 28 T32N R7W

14. Date Spudded
07/17/2005

15. Date T.D. Reached
08/11/2005

16. Date Completed
☐ D & A ☒ Ready to Prod.
09/01/2005

17. Elevations (DF, RKB, RT, GL)*
6645'

18. Total Depth: MD 3770
TVD 3412

19. Plug Back T.D.: MD 3758
TVD 3400

20. Depth Bridge Plug Set: MD
TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
Mud Logs

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.25	9.625H-40	32.3	0	232		150		0	8 bbl
8.75	7.0 J-55	23.0	0	3569		520		0	37 bbl
6.25	5.5 Liner	15.5	3502	3761		0			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	3704							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Basin Fruitland Coal	3592	3702	3592-3702	.75	144	Open
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
	Underreamed 6.25" hole to 9.5" from 3575' to 3770'.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
09/01/05	09/01/05	1	→	0	1370	2 bbl			Gas Pumping unit
Choice Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
2" Pitot	n/a	20 psi	→					Shut-in	

Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD

OCT 04 2005

FARMINGTON FIELD OFFICE
BY ad

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

30. Summary of Porous Zones (Include Aquifers):

Show all important zones or porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				Nacimiento	948
				Ojo Alamo	2398
				Kirtland	2518
				Fruitland	3068
				Top Coal MD	3592
				B Main Coal MD	3658
				PC Tongue MD	3766

32. Additional remarks (include plugging procedure):

This well is a single well producing from the Basin Fruitland Coal. Attached is the Wellbore Schematic and the Daily Summaries.

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
2. Geological Report
3. DST Report
4. Directional Survey
5. Sundry Notice for plugging and cement verification
6. Core Analysis
7. Other

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) JUANITA FARRELL

Title REGULATORY ANALYST

Signature

Juanita Farrell

Date 09/26/2005

Title 18 U.S.C. Section 101 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Well Name: San Juan 32-7 #236A

API #: 30-045-32448

Location: 2236' FSL & 2387' FEL

Sec. 28 - T32N - R7W

San Juan County, NM

Elevation: 6645' GL (above MSL)

Dri Rig RKB: 13' above Ground Level

Datum: Dri Rig RKB = 13' above GL

Patterson Rig: #747

Spud: 17-Jul-05

Spud Time: 23:30

Release Dri Rig: 25-Jul-05

Time Release Rig: 12:00

Move in Cav Rig: 8-Aug-05

Release Cav Rig: 1-Sep-05

Note - this well is equipped with rods & pump

7-1/16" 3M x 2-3/8" EUE 8rd Bonnet

11" 3M x 7-1/16" 3M Tubing Head

9-5/8" 8 RD x 11" 3M Casing Head

Surface Casing

Date set: 18-Jul-05

☒ New
☐ Used

Size 9 5/8 in

Set at 232 ft # Jnts: 5

Wt. 32.3 ppf Grade H-40

Hole Size 12 1/4 in Conn STC

Excess Cmt 125 %

T.O.C. SURFACE

Csg Shoe 232 ft

TD of 12-1/4" hole 244 ft

Notified BLM @ 8:50 hrs on 16-Jul-05

Notified NMOCD @ 8:50 hrs on 16-Jul-05

Intermediate Casing

Date set: 25-Jul-05

☒ New
☐ Used

Size 7 in 84 jts

Set at 3569 ft 0 pups

Wt. 23 ppf Grade J-55

Hole Size 8 3/4 in Conn LTC

Excess Cmt 160 %

T.O.C. SURFACE

Pup @ ft

Pup @ ft

Notified BLM @ 20:45 hrs on 23-Jul-05

Notified NMOCD @ 20:45 hrs on 23-Jul-05

Production Liner

Date set: 30-Aug-05

Size 5 1/2 in

Nominal Wt. 15.5 ppf

Grade J-55

Jnts: 6

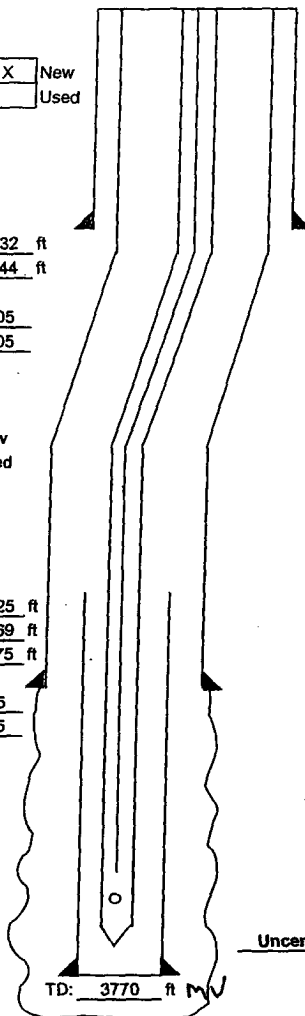
Hole Size 6.25/9.5 inches

Underreamed 6-1/4" hole to 9.5" from 3575' to 3770'

Top of Liner 3502 ft

PBDT 3758 ft

Bottom of Liner 3761 ft

**Surface Cement**

Date cmt'd: 18-Jul-05

Lead: 150 sx Class G Cement

+ 3% BWOC Calcium Chloride

+ 0.25 lb/sx Flocele

1.21 cuft/sx, 181.0 cuft slurry at 15.6 ppg

Displacement: 15.0 bbls fresh wtr

Bumped Plug at: 14:00 hrs w/ 250 psi

Final Circ Press: 80 psi @ 2.0 bpm

Returns during job: YES

CMT Returns to surface: 8 bbls

Floats Held: No floats used

W.O.C. for 6.00 hrs (plug bump to start NU BOP)

W.O.C. for 8.00 hrs (plug bump to test csg)

Intermediate Cement

Date cmt'd: 25-Jul-05

Lead: 420 sx Standard Cement

+ 3% Econolite

+ 0.25 lb/sx Flocele

+ 10 lb/sk Gilsomite

2.91 cuft/sx, 1222.2 cuft slurry at 11.5 ppg

Tail: 100 sx 50/50 POZ: Standard cement

+ 2% Bentonite

+ 2% Calcium Chloride

+ 5 lb/sx Gilsomite

+ 0.25 lb/sx Flocele

1.33 cuft/sx, 133 cuft slurry at 13.5 ppg

Displacement: 138.7 bbls

Bumped Plug at: 05:15 hrs w/ 950 psi

Final Circ Press: 640 psi @ 2 bpm

Returns during job: YES

CMT Returns to surface: 37 bbls

Floats Held: X Yes No

Uncemented LinerSchematic prepared by:
Aaron Fuhr, Development Engineer
20-Sept-2005**COMMENTS:**

9-5/8" Surf:	No float equipment was run. Ran a guide shoe and an aluminum baffle plate 1 jt above the guide shoe @ 188'. Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt.	
	CENTRALIZERS @ 222', 144', 100' & 57'.	Total: 4
7" Intermediate	DISPLACED W/ 138.7 BBLs. FRESH WATER	
	TANDEM RISE CENTRALIZERS @ 3559', 3480', 3393', 3305', 3221', 3134', 3047', 2965', 2885', 421', 336', 252', 166', 80' & 38'.	Total: 15
	TURBOLIZERS @ 2843', 2800', 2757', 2714', & 2671'	Total: 5
5.5" Liner	Ran 6 1/4" Button Bit and bit sub on bottom of liner. Ran and set the liner w/ TIW H-Latch Drop Off Tool (no liner hanger).	
Perforations	Perforated 5-1/2" liner with guns on E-line at 4 spf, 0.75" diameter, 120 degree phased holes	
	Perf. Intervals: 3698'-3702', 3650'-3658', 3623'-3626', 3616'-3620', 3598'-3612' & 3592'-3595'. : Total 144 holes	
Tubing	2 1/16" notched collar attached to 1 1/2" FN, XO, 31' x 2 3/8" mud anchor with 5/8" hole drilled near collar, and 2 3/8" x 1.78" FN. Run with 117 joints 2 3/8" 4.7 ppf J-55 EUE tubing. Bottom of Notched Collar at 3738'. Top of F-Nipple at 3704' MD RKB.	
Pump & Rods	2" x 1-1/2" x 16' RWAC-ZDV insert pump, 4 each 1 1/4" x 25' sinker bars, 95 ea 25' x 3/4" guided rods and 48 ea 25' x 7/8" guided rods. Spaced out on surface with 14' of rod subs. Run with 22' x 1 1/4" Polished rod. Set pump in F-Nipple at 3704' RKB.	

Ryan Energy Technologies Inc.

COMPLETION REPORT



Company: ConocoPhillips Field: San Juan County, NM Site: San Juan 32-7 Unit 236A Well: Well #236A Wellpath: Original Hole	Date: 7/25/2005 Time: 08:59:13 Page: 1 Co-ordinate(NE) Reference: Site: San Juan 32-7 Unit 236A, Grid Nort Vertical (TVD) Reference: Est. RKB 6658.0 Section (VS) Reference: Well (0.00N,0.00E,308.05Azi) 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 32-7 Unit 236A			
Sec 28, T32N, R07W			
San Juan County, New Mexico			
Site Position:	Northing:	Latitude:	
From: Geographic	2165638.29 ft	36 57 4.610 N	
Position Uncertainty:	Easting:	Longitude:	
0.00 ft	576607.17 ft	107 34 16.180 W	
Ground Level:		North Reference:	Grid
6645.00 ft		Grid Convergence:	0.16 deg

Well: Well #236A API# Well Position: +N/-S 0.00 ft Northing: 2165638.29 ft +E/-W 0.00 ft Easting: 576607.17 ft Position Uncertainty: 0.00 ft	Slot Name: Latitude: 36 57 4.610 N Longitude: 107 34 16.180 W
---	--

Wellpath: Original Hole Current Datum: Est. RKB Magnetic Data: 7/15/2005 Field Strength: 51533 nT Vertical Section: Depth From (TVD) ft +N/-S ft	Drilled From: Surface Tie-on Depth: 0.00 ft Above System Datum: Mean Sea Level Declination: 10.55 deg Mag Dip Angle: 63.82 deg Direction deg 0.00 0.00 0.00 308.05
--	---

Survey Program for Definitive Wellpath

Date: 7/25/2005	Validated: No	Version: 0	
Actual From ft	To ft	Survey	Toolcode Tool Name
232.00	3522.00	Survey #1 (232.00-3522.00)	MWD
3575.00	3575.00	Survey #2 (3575.00-3575.00)	Projection Standard MWD Projection

Survey

MD ft	Incl deg	TVD ft	VS ft	Azim deg	N/S ft	E/W ft	Clsr Dist. ft	Clsr Azi. deg	Dog Leg deg/100ft	Tool
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	TIE LINE
232.00	0.00	232.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
242.00	0.18	242.00	0.00	33.91	0.01	0.01	0.02	33.91	1.80	MWD
257.00	0.53	257.00	0.00	41.29	0.08	0.07	0.11	38.62	2.35	MWD
273.00	0.26	273.00	0.00	21.96	0.17	0.13	0.22	36.79	1.86	MWD
304.00	0.88	304.00	0.22	343.99	0.47	0.09	0.48	10.97	2.24	MWD
333.00	2.11	332.99	0.87	335.55	1.17	-0.19	1.18	350.68	4.30	MWD
364.00	3.52	363.95	2.24	333.44	2.54	-0.85	2.68	341.42	4.56	MWD
393.00	4.57	392.88	4.11	330.88	4.34	-1.81	4.71	337.34	3.67	MWD
417.00	5.45	416.78	6.03	331.33	6.18	-2.83	6.80	335.43	3.67	MWD
446.00	6.51	445.63	8.80	332.04	8.84	-4.26	9.81	334.29	3.66	MWD
477.00	7.83	476.38	12.33	332.39	12.26	-6.06	13.68	333.70	4.26	MWD
509.00	9.41	508.02	16.69	332.74	16.52	-8.27	18.47	333.41	4.94	MWD
539.00	11.08	537.54	21.55	332.56	21.26	-10.72	23.81	333.24	5.57	MWD
569.00	12.66	566.90	27.18	331.51	26.71	-13.62	29.98	332.99	5.32	MWD
599.00	13.89	596.10	33.55	329.57	32.70	-17.01	36.86	332.52	4.36	MWD
628.00	15.21	624.17	40.33	329.57	38.98	-20.70	44.14	332.03	4.55	MWD
659.00	16.00	654.02	48.14	327.64	46.10	-25.05	52.46	331.49	3.05	MWD
689.00	16.80	682.80	56.17	325.18	53.15	-29.73	60.90	330.78	3.53	MWD
719.00	17.06	711.50	64.62	320.43	60.10	-35.01	69.56	329.78	4.69	MWD
750.00	17.76	741.08	73.73	316.92	67.06	-41.14	78.68	328.47	4.07	MWD
780.00	18.47	769.60	82.98	313.93	73.70	-47.69	87.78	327.10	3.90	MWD

Ryan Energy Technologies Inc.

COMPLETION REPORT



Company: ConocoPhillips Field: San Juan County, NM Site: San Juan 32-7 Unit 236A Well: Well #236A Wellpath: Original Hole	Date: 7/25/2005 Co-ordinate(NE) Reference: Vertical (TVD) Reference: Section (VS) Reference: Survey Calculation Method:	Time: 08:59:13 Site: San Juan 32-7 Unit 236A, Grid Nort Est. RKB 6658.0 Well (0.00N,0.00E,308.05Azi) Minimum Curvature	Page: 2 Db: Sybase
--	--	---	-------------------------------------

Survey

MD ft	Incl deg	TVD ft	VS ft	Azim deg	N/S ft	E/W ft	Clsr Dist. ft	Clsr Azi. deg	Dog Leg deg/100ft	Tool
811.00	19.35	798.93	92.99	310.06	80.41	-55.16	97.51	325.55	4.94	MWD
842.00	19.96	828.12	103.42	306.72	86.88	-63.33	107.51	323.91	4.12	MWD
872.00	20.66	856.26	113.83	306.02	93.06	-71.71	117.48	322.38	2.47	MWD
902.00	21.37	884.26	124.58	306.72	99.44	-80.37	127.86	321.05	2.51	MWD
939.00	22.51	918.58	138.40	307.95	107.82	-91.36	141.33	319.72	3.32	MWD
964.00	23.13	941.62	148.10	308.48	113.82	-98.98	150.84	318.99	2.61	MWD
993.00	24.27	968.18	159.75	309.54	121.16	-108.04	162.33	318.28	4.20	MWD
1025.00	25.32	997.23	173.16	310.24	129.77	-118.33	175.62	317.64	3.41	MWD
1057.00	26.12	1026.06	187.04	310.41	138.76	-128.92	189.40	317.10	2.51	MWD
1088.00	27.17	1053.76	200.93	310.24	147.75	-139.52	203.21	316.64	3.40	MWD
1119.00	28.23	1081.21	215.33	310.24	157.06	-150.52	217.54	316.22	3.42	MWD
1151.00	29.19	1109.28	230.69	310.24	166.99	-162.25	232.83	315.82	3.00	MWD
1182.00	30.07	1136.22	246.01	309.89	176.85	-173.98	248.09	315.47	2.89	MWD
1213.00	30.95	1162.93	261.74	309.18	186.87	-186.12	263.74	315.12	3.07	MWD
1243.00	31.22	1188.62	277.23	308.83	196.62	-198.16	279.15	314.78	1.08	MWD
1274.00	31.22	1215.13	293.29	308.30	206.64	-210.72	295.13	314.44	0.89	MWD
1305.00	31.57	1241.59	309.44	308.83	216.70	-223.35	311.20	314.14	1.44	MWD
1336.00	32.62	1267.86	325.91	309.01	227.05	-236.16	327.60	313.87	3.40	MWD
1367.00	33.77	1293.80	342.88	309.01	237.73	-249.35	344.52	313.63	3.71	MWD
1398.00	34.12	1319.51	360.19	309.18	248.65	-262.78	361.78	313.42	1.17	MWD
1429.00	34.47	1345.12	377.65	308.13	259.56	-276.42	379.19	313.20	2.22	MWD
1460.00	34.73	1370.64	395.25	306.02	270.17	-290.47	396.69	312.93	3.95	MWD
1491.00	35.35	1396.02	413.03	305.14	280.53	-304.94	414.35	312.61	2.58	MWD
1522.00	35.79	1421.24	431.04	305.14	290.90	-319.69	432.23	312.30	1.42	MWD
1552.00	35.79	1445.57	448.57	305.32	301.03	-334.02	449.65	312.03	0.35	MWD
1583.00	36.32	1470.64	466.79	305.32	311.57	-348.91	467.78	311.76	1.71	MWD
1613.00	36.93	1494.71	484.67	305.67	321.97	-363.48	485.57	311.53	2.15	MWD
1644.00	36.93	1519.49	503.28	305.67	332.83	-378.61	504.10	311.32	0.00	MWD
1675.00	37.11	1544.24	521.93	305.84	343.73	-393.76	522.68	311.12	0.67	MWD
1707.00	36.84	1569.81	541.16	306.02	355.03	-409.34	541.85	310.94	0.91	MWD
1737.00	36.93	1593.80	559.16	305.84	365.59	-423.92	559.79	310.77	0.47	MWD
1768.00	37.55	1618.48	577.90	305.14	376.48	-439.20	578.47	310.60	2.42	MWD
1800.00	37.90	1643.79	597.45	304.79	387.70	-455.24	597.96	310.42	1.28	MWD
1831.00	37.46	1668.33	616.37	305.32	398.59	-470.75	616.83	310.25	1.76	MWD
1862.00	37.28	1692.97	635.17	305.67	409.51	-486.07	635.58	310.11	0.90	MWD
1893.00	37.20	1717.64	653.92	306.02	420.50	-501.28	654.29	309.99	0.73	MWD
1925.00	37.37	1743.10	673.29	305.67	431.85	-516.99	673.63	309.87	0.85	MWD
1955.00	37.46	1766.93	691.50	305.67	442.48	-531.80	691.81	309.76	0.30	MWD
1985.00	37.55	1790.73	709.75	305.67	453.13	-546.64	710.03	309.66	0.30	MWD
2017.00	37.20	1816.16	729.16	306.37	464.55	-562.35	729.41	309.56	1.72	MWD
2047.00	37.02	1840.09	747.25	306.37	475.28	-576.93	747.49	309.48	0.60	MWD
2076.00	36.76	1863.28	764.66	306.72	485.65	-590.91	764.87	309.42	1.15	MWD
2107.00	36.84	1888.10	783.22	307.25	496.82	-605.74	783.43	309.36	1.06	MWD
2138.00	36.84	1912.91	801.81	307.43	508.10	-620.52	802.00	309.31	0.35	MWD
2168.00	36.58	1936.96	819.74	307.25	518.97	-634.78	819.92	309.27	0.94	MWD
2200.00	36.67	1962.64	838.82	305.84	530.34	-650.12	838.99	309.21	2.64	MWD
2231.00	36.67	1987.51	857.32	305.32	541.11	-665.17	857.47	309.13	1.00	MWD
2262.00	36.49	2012.40	875.77	305.14	551.77	-680.26	875.90	309.05	0.68	MWD
2293.00	36.40	2037.34	894.16	305.49	562.41	-695.29	894.28	308.97	0.73	MWD
2324.00	36.23	2062.32	912.51	305.67	573.10	-710.22	912.61	308.90	0.65	MWD
2356.00	36.14	2088.15	931.38	305.67	584.11	-725.57	931.47	308.84	0.28	MWD
2387.00	34.91	2113.38	949.38	305.49	594.59	-740.22	949.45	308.77	3.98	MWD
2419.00	33.94	2139.77	967.45	305.14	605.05	-754.98	967.51	308.71	3.09	MWD

Ryan Energy Technologies Inc.

COMPLETION REPORT



Company: ConocoPhillips
Field: San Juan County, NM
Site: San Juan 32-7 Unit 236A
Well: Well #236A
Wellpath: Original Hole

Date: 7/25/2005 **Time:** 08:59:13 **Page:** 3
Co-ordinate(NE) Reference: Site: San Juan 32-7 Unit 236A, Grid Nort
Vertical (TVD) Reference: Est. RKB 6658.0
Section (VS) Reference: Well (0.00N,0.00E,308.05Azi)
Survey Calculation Method: Minimum Curvature **Db:** Sybase

Survey

MD ft	Incl deg	TVD ft	VS ft	Azim deg	N/S ft	E/W ft	Clsr Dist. ft	Clsr Azi. deg	Dog Leg deg/100ft	Tool
2450.00	33.15	2165.61	984.55	304.44	614.83	-769.05	984.60	308.64	2.84	MWD
2481.00	32.45	2191.67	1001.30	303.73	624.24	-782.95	1001.34	308.56	2.58	MWD
2513.00	31.66	2218.79	1018.23	302.86	633.56	-797.15	1018.26	308.48	2.86	MWD
2544.00	31.48	2245.20	1034.39	302.68	642.35	-810.80	1034.41	308.39	0.66	MWD
2575.00	30.78	2271.74	1050.35	303.03	651.04	-824.26	1050.36	308.30	2.33	MWD
2606.00	29.72	2298.51	1065.92	304.09	659.67	-837.27	1065.92	308.23	3.83	MWD
2635.00	29.19	2323.77	1080.14	304.09	667.66	-849.08	1080.15	308.18	1.83	MWD
2667.00	28.23	2351.83	1095.48	304.44	676.32	-861.79	1095.48	308.12	3.05	MWD
2697.00	27.08	2378.40	1109.38	305.49	684.29	-873.20	1109.39	308.08	4.16	MWD
2729.00	26.91	2406.92	1123.90	305.67	692.75	-885.01	1123.90	308.05	0.59	MWD
2760.00	27.00	2434.55	1137.94	305.84	700.96	-896.42	1137.94	308.02	0.38	MWD
2791.00	26.38	2462.25	1151.85	306.02	709.13	-907.69	1151.85	308.00	2.02	MWD
2822.00	25.59	2490.11	1165.43	306.37	717.15	-918.65	1165.43	307.98	2.60	MWD
2857.00	24.01	2521.88	1180.10	306.90	725.91	-930.43	1180.10	307.96	4.56	MWD
2888.00	23.21	2550.29	1192.51	306.20	733.30	-940.41	1192.52	307.95	2.73	MWD
2919.00	22.16	2578.89	1204.47	307.78	740.49	-949.96	1204.47	307.94	3.92	MWD
2950.00	21.63	2607.65	1216.03	307.95	747.59	-959.08	1216.03	307.94	1.72	MWD
2980.00	20.66	2635.63	1226.85	308.13	754.25	-967.61	1226.85	307.94	3.24	MWD
3011.00	19.79	2664.72	1237.56	307.43	760.82	-976.08	1237.57	307.94	2.91	MWD
3043.00	18.91	2694.91	1248.16	306.55	767.20	-984.54	1248.17	307.93	2.90	MWD
3074.00	17.85	2724.33	1257.93	305.67	772.96	-992.44	1257.94	307.91	3.53	MWD
3106.00	16.97	2754.87	1267.50	305.14	778.51	-1000.24	1267.50	307.89	2.79	MWD
3136.00	15.65	2783.66	1275.91	304.09	783.30	-1007.17	1275.91	307.87	4.51	MWD
3166.00	14.68	2812.61	1283.73	303.21	787.65	-1013.71	1283.74	307.85	3.32	MWD
3196.00	13.37	2841.72	1290.98	304.09	791.68	-1019.76	1290.99	307.82	4.42	MWD
3228.00	12.05	2872.93	1298.01	305.14	795.67	-1025.55	1298.02	307.81	4.19	MWD
3258.00	10.55	2902.35	1303.88	305.14	799.06	-1030.36	1303.89	307.79	5.00	MWD
3289.00	9.32	2932.89	1309.22	305.84	802.16	-1034.72	1309.24	307.78	3.99	MWD
3321.00	7.91	2964.52	1314.01	305.67	804.96	-1038.61	1314.03	307.78	4.41	MWD
3352.00	6.86	2995.27	1317.99	306.02	807.29	-1041.84	1318.01	307.77	3.39	MWD
3383.00	5.72	3026.08	1321.38	303.35	809.23	-1044.62	1321.40	307.76	3.80	MWD
3415.00	4.40	3057.95	1324.20	303.91	810.79	-1046.98	1324.21	307.75	4.13	MWD
3446.00	3.25	3088.88	1326.25	299.52	811.89	-1048.73	1326.27	307.75	3.83	MWD
3478.00	2.37	3120.85	1327.78	290.90	812.57	-1050.13	1327.80	307.73	3.04	MWD
3522.00	2.29	3164.81	1329.51	294.95	813.27	-1051.78	1329.53	307.71	0.42	MWD
3575.00	2.29	3217.77	1331.57	294.95	814.16	-1053.70	1331.59	307.69	0.00	PROJECTED

Regulatory Summary

ConocoPhillips

SAN JUAN 32 7 UNIT #236A

INITIAL COMPLETION, 8/8/2005 00:00

API/Bottom UWI	County	State/Province	Surface Legal Location	N/S Dist (ft)	N/S Ref	E/W Dist (ft)	E/W Ref
30-045-32448	San Juan	NEW MEXICO	NMPM-32N-07W-28-J	2,236.00	S	2,387.00	E
Ground Elevation (ft)	Latitude (DMS)	Longitude (DMS)	Spud Date	Rig Release Date			
6,645.00	36° 57' 5.0004" N	107° 34' 15.9996" W	7/17/2005				

8/8/2005 07:00 - 8/8/2005 18:00

Last 24hr Summary

MOVE KEY #29 TO SJ 32-7 #236A LOCATION. SPOT SUPPORT EQUIPMENT & BEGIN RIG UP.

8/9/2005 06:00 - 8/9/2005 18:00

Last 24hr Summary

KEY SAFETY MEETING. CONTINUE RIGGING UP RIG & SUPPORT EQUIPMENT. PRESSURE TEST 7" CSG & BLIND RAMS. PU 6 1/4" BIT, 8- 4 1/8" DCS & 90-JTS OF 2 7/8" DP.

8/10/2005 07:00 - 8/11/2005 06:00

Last 24hr Summary

BREAK CIRCULATION W/ 1800 CFM AIR- MIST. DRILL CMT, FC & SJ TO 3569'. DRILL 6 1/4" OPEN HOLE FR 3570'- 3770' W/ 1800 CFM AIR- MIST. PULL UP & FLOW TEST 60MIN- 4 3/4PSI(1.34MMCFD). SI FOR 120MIN BUILD UP- 270PSI. POOH W/ BIT. PU 5 3/4" x 9 1/2" UNDER REAMER & TIH.

8/11/2005 06:00 - 8/12/2005 06:00

Last 24hr Summary

UNDER REAM 6 1/4" OPEN HOLE OUT TO 9 1/2" FROM 3575'- 3770'. POOH W/ UR. TIH TO 3687' & PULL UP INSIDE CSG. CONDUCT 60 MIN FLOW TEST- 5 1/2PSI(1.45MMCFD). CONDUCT 60MIN SI TEST-255PSI. PERFORM 3 PADDED SURGES. R&R CO COAL FR 3624'- 55' W/ 1800 CFM AIR- MIST.

8/12/2005 06:00 - 8/13/2005 06:00

Last 24hr Summary

R&R CO COAL FR 3626'- 56' W/ 1800 CFM AIR- MIST. PULL UP & PERFORM 3 PADDED SURGES. TIH & TAG FILL @ 3600'. R&R CO COAL FR 3594'- 3687' W/ 1800 CFM AIR- MIST.

8/13/2005 06:00 - 8/14/2005 06:00

Last 24hr Summary

CLEAN OUT, SURGE

8/14/2005 06:00 - 8/15/2005 06:00

Last 24hr Summary

CLEAN OUT, SURGE

8/15/2005 06:00 - 8/16/2005 06:00

Last 24hr Summary

CLEAN OUT, SURGE

8/16/2005 06:00 - 8/17/2005 06:00

Last 24hr Summary

CLEAN OUT, SURGE

8/17/2005 06:00 - 8/18/2005 06:00

Last 24hr Summary

CLEAN OUT.

8/18/2005 06:00 - 8/19/2005 06:00

Last 24hr Summary

CLEAN OUT.

8/19/2005 06:00 - 8/20/2005 06:00

Last 24hr Summary

CLEAN OUT.

8/20/2005 06:00 - 8/21/2005 06:00

Last 24hr Summary

R&R CO COAL FR 3594'- 3656' W/ 1800 CFM AIR- MIST.

8/21/2005 06:00 - 8/22/2005 06:00

Last 24hr Summary

R&R CO COAL FR 3625'- 55' W/ 1800 CFM AIR- MIST.

8/22/2005 06:00 - 8/23/2005 06:00

Last 24hr Summary

R&R CO COAL FR 3625'- 87' W/ 1800 CFM AIR- MIST. PULL UP & FLOW TEST 60MIN- 2 1/2PSI(972MCFD). SI FOR 60 MIN BUILD UP- 180PSI. RT DRLG ASSEMBLY TO INSPECT PIPE FOR WEAR. OK. PERFORM 2 NATURAL SURGES.

8/23/2005 06:00 - 8/24/2005 06:00

Last 24hr Summary

PERFORM 4 NATURAL SURGES. TIH & TAG UP @ 3626'. R&R CO COAL FR 3625'- 55' W/ 1800 CFM AIR- MIST.

Regulatory Summary
SAN JUAN 32 7 UNIT #236A

INITIAL COMPLETION, 8/8/2005 00:00

API/Bottom UWI	County	State/Province	Surface Legal Location	N/S Dist (ft)	N/S Ref	E/W Dist (ft)	E/W Ref
30-045-32448	San Juan	NEW MEXICO	NMPM-32N-07W-28-J	2,236.00	S	2,387.00	E
Ground Elevation (ft)	Latitude (DMS)	Longitude (DMS)	Spud Date	Rig Release Date			
6,645.00	36° 57' 5.0004" N	107° 34' 15.9996" W	7/17/2005				

8/8/2005 07:00 - 8/8/2005 18:00

Last 24hr Summary

MOVE KEY #29 TO SJ 32-7 #236A LOCATION. SPOT SUPPORT EQUIPMENT & BEGIN RIG UP.

8/9/2005 06:00 - 8/9/2005 18:00

Last 24hr Summary

KEY SAFETY MEETING. CONTINUE RIGGING UP RIG & SUPPORT EQUIPMENT. PRESSURE TEST 7" CSG & BLIND RAMS. PU 6 1/4" BIT, 8- 4 1/8" DCS & 90-JTS OF 2 7/8" DP.

8/10/2005 07:00 - 8/11/2005 06:00

Last 24hr Summary

BREAK CIRCULATION W/ 1800 CFM AIR- MIST. DRILL CMT, FC & SJ TO 3569'. DRILL 6 1/4" OPEN HOLE FR 3570'- 3770' W/ 1800 CFM AIR- MIST. PULL UP & FLOW TEST 60MIN- 4 3/4PSI(1.34MMCFD). SI FOR 120MIN BUILD UP- 270PSI. POOH W/ BIT. PU 5 3/4" x 9 1/2" UNDER REAMER & TIH.

8/11/2005 06:00 - 8/12/2005 06:00

Last 24hr Summary

UNDER REAM 6 1/4" OPEN HOLE OUT TO 9 1/2" FROM 3575'- 3770'. POOH W/ UR. TIH TO 3687' & PULL UP INSIDE CSG. CONDUCT 60 MIN FLOW TEST- 5 1/2PSI(1.45MMCFD). CONDUCT 60MIN SI TEST-255PSI. PERFORM 3 PADDED SURGES. R&R CO COAL FR 3624'- 55' W/ 1800 CFM AIR- MIST.

8/12/2005 06:00 - 8/13/2005 06:00

Last 24hr Summary

R&R CO COAL FR 3626'- 56' W/ 1800 CFM AIR- MIST. PULL UP & PERFORM 3 PADDED SURGES. TIH & TAG FILL @ 3600'. R&R CO COAL FR 3594'- 3687' W/ 1800 CFM AIR- MIST.

8/13/2005 06:00 - 8/14/2005 06:00

Last 24hr Summary

CLEAN OUT, SURGE

8/14/2005 06:00 - 8/15/2005 06:00

Last 24hr Summary

CLEAN OUT, SURGE

8/15/2005 06:00 - 8/16/2005 06:00

Last 24hr Summary

CLEAN OUT, SURGE

8/16/2005 06:00 - 8/17/2005 06:00

Last 24hr Summary

CLEAN OUT, SURGE

8/17/2005 06:00 - 8/18/2005 06:00

Last 24hr Summary

CLEAN OUT.

8/18/2005 06:00 - 8/19/2005 06:00

Last 24hr Summary

CLEAN OUT.

8/19/2005 06:00 - 8/20/2005 06:00

Last 24hr Summary

CLEAN OUT.

8/20/2005 06:00 - 8/21/2005 06:00

Last 24hr Summary

R&R CO COAL FR 3594'- 3656' W/ 1800 CFM AIR- MIST.

8/21/2005 06:00 - 8/22/2005 06:00

Last 24hr Summary

R&R CO COAL FR 3625'- 55' W/ 1800 CFM AIR- MIST.

8/22/2005 06:00 - 8/23/2005 06:00

Last 24hr Summary

R&R CO COAL FR 3625'- 87' W/ 1800 CFM AIR- MIST. PULL UP & FLOW TEST 60MIN- 2 1/2PSI(972MCFD). SI FOR 60 MIN BUILD UP- 180PSI. RT DRLG ASSEMBLY TO INSPECT PIPE FOR WEAR. OK. PERFORM 2 NATURAL SURGES.

8/23/2005 06:00 - 8/24/2005 06:00

Last 24hr Summary

PERFORM 4 NATURAL SURGES. TIH & TAG UP @ 3626'. R&R CO COAL FR 3625'- 55' W/ 1800 CFM AIR- MIST.

8/24/2005 06:00 - 8/25/2005 06:00

Last 24hr Summary

R&R CO COAL FR 3625'- 3719' W/ 1800 CFM AIR- MIST.

8/25/2005 06:00 - 8/26/2005 06:00

Last 24hr Summary

R&R CO COAL FR 3720'- 70' W/ 1800 CFM AIR- MIST. SHORT TRIP DP TO CSG& LET FLOW NATURAL. TIH & BREAK CIRCULATION @ 3594'. R&R CO COAL FR 3594'- 3625' W/ 1800 CFM AIR- MIST.

8/26/2005 06:00 - 8/27/2005 06:00

Last 24hr Summary

R&R CO COAL FR 3594'- 3656' W/ 1800 CFM AIR- MIST.

8/27/2005 06:00 - 8/28/2005 06:00

Last 24hr Summary

R&R CO COAL FR 3626'- 3750' W/ 1800 CFM AIR- MIST.

8/28/2005 06:00 - 8/29/2005 06:00

Last 24hr Summary

R&R CO COAL FR 3751'- TD(3770') W/ 1800 CFM AIR- MIST. SHORT TRIP DP & TAG 3628'. R&R CO COAL FR 3626'- 3688' W/ 1800 CFM AIR- MIST. PULL UP & TIGHTEN SWIVEL.

8/29/2005 06:00 - 8/30/2005 06:00

Last 24hr Summary

R&R CO COAL FR 3657'- 3770' W/ 1800 CFM AIR- MIST. HANG SWIVEL & POOH W/ BIT.

8/30/2005 06:00 - 8/30/2005 18:00

Last 24hr Summary

RUN 6-JTS OF 5 1/2" CSG LINER TO 3761' & DROP OFF. LD DP. PERFORATE THE FRUITLAND COALS W/144- HOLES FR 3592'- 3702'. LD 4" DRILL COLLARS.

8/31/2005 06:00 - 8/31/2005 18:00

Last 24hr Summary

C-P SAFETY MEETING. RAN 117-JTS OF 2 3/8" PRODUCTION TO 3738' KB. TOP OF F NIPPLE- 3704'. ND BOPS & NU B-1 FLANGE. RU PUMPING T. RUN 1 1/2" PUMP & MIXED 3/4" & 7/8" ROD STRING. PRESSURE TEST TBG. PUMP UP ROD PUMP. HANG OFF ROD STRING & SWI. RAN FINAL 60MIN FLOW TEST- 5PSI(1.37MMCFD W/ HVY MIST).

9/1/2005 07:00 - 9/1/2005 15:00

Last 24hr Summary

RD KEY #29 TO MOVE.