

Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N. Fretten Dr., Hobbs, NM 88241
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised March 25, 1999

WELL API NO. 30-025-32021
5. Indicate Type of Lease STATE ☒ FEE ☐
State Oil & Gas Lease No. A-2614

WELL COMPLETION OR RECOMPLETION REPORT AND LOG					
1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____			7. Lease Name or Unit Agreement Name Newman State		
b. Type of Completion: NEW ☐ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. ☐ WELL OVER BACK RESVR. ☒ OTHER Re-Entry					
2. Name of Operator Rubicon Oil & Gas, LLC			8. Well No. 1		
3. Address of Operator 400 West Illinois, Suite 1130, Midland, Texas 79701			9. Pool name or Wildcat Stateline Ellenburger		
4. Well Location BHL: G - 1835/N & 2767/W Unit Letter F 1874 Feet From The North Line and 1874 Feet From The West Line Section 32 Township 23-S Range 38-E NMPM County Lea					
10. Date Spudded 7-13-02	11. Date T.D. Reached 8-21-02	12. Date Compl. (Ready to Prod.) 9-19-02	13. Elevations (DF& RKB, RT, GR, etc.) 3296' Gr. 3314' RKB	14. Elev. Casinghead 3296'	
15. Total Depth 12,985' MD	16. Plug Back T.D. 12,985' MD	17. If Multiple Compl. How Many Zones? 1	18. Intervals Drilled By 11,875-12,985'	19. Producing Interval(s), of this completion - Top, Bottom, Name 11,875' MD to 12,985' MD Ellenburger	
21. Type Electric and Other Logs Run None			22. Was Well Cored No		

23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	450'	17-1/2"	500 Sx "C"	None
8-5/8"	32#	3,558'	12-1/4"	1850 Lite, 250 "C"	None
Above set by Marathon in 1993					
5-1/2"	17#	12,130'	7-7/8"	575 Interfill "H", 150 "H"; 700 Interfill "C", 200 "C"	None
24. LINER RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	
None					
26. Perforation record (interval, size, and number) Open - Hole 11,875' MD to 12,985' MD			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.		
			DEPTH INTERVAL		
			AMOUNT AND KIND MATERIAL USED		
			11,875-12,985 10,500 gal. 15% acid via coil tubing		

28. PRODUCTION							
Date First Production 9-20-02		Production Method (Flowing, gas lift, pumping - Size and type pump) Pump - 1-1/4" rod pump			Well Status (Prod. or Shut-in) Producing		
Date of Test 9-25-02	Hours Tested 24	Choke Size Open	Prod'n For Test Period	Oil - Bbl 53	Gas - MCF 15	Water - Bbl 90	Gas - Oil Ratio 283/1
Flow Tubing Press.	Casing Pressure 5#	Calculated 24-Hour Rate	Oil - Bbl 53	Gas - MCF 15	Water - Bbl 90	Oil Gravity - API - (Corr.) 41.5°	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented						Test Witnessed By Darol K. Ramey	

30. List Attachments Directional Survey by Multishot	
31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief	
Signature 	Printed Name Darol K. Ramey Agent

Date 10-8-02

K₂

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy	1490'	T. Canyon	
T. Salt		T. Strawn	
B. Salt		T. Atoka	8103'
T. Yates	2960'	T. Miss	8446'
T. 7 Rivers	3284'	T. Devonian	9307'
T. Queen	3908'	T. Silurian	10,484'
T. Grayburg		T. Montoya	10,732'
T. San Andres	4492'	T. Simpson	11,077'
T. Glorieta	5709'	T. McKee	11,452'
T. Paddock	5729'	T. Ellenburger	11,846'
T. Blinberry	6154'	T. Gr. Wash	
T. Tubb	6711'	T. Delaware Sand	
T. Drinkard	6750'	T. Bone Springs	
T. Abo	7225'	T.	
T. Wolfcamp		T.	
T. Penn		T.	
T. Cisco (Bough C)		T.	

Northwestern New Mexico

T. Ojo Alamo	T. Penn. "B"
T. Kirtland-Fruitland	T. Penn. "C"
T. Pictured Cliffs	T. Penn. "D"
T. Cliff House	T. Leadville
T. Menefee	T. Madison
T. Point Lookout	T. Elbert
T. Mancos	T. McCracken
T. Gallup	T. Ignacio Otzte
Base Greenhorn	T. Granite
T. Dakota	T.
T. Morrison	T.
T. Todilto	T.
T. Entrada	T.
T. Wingate	T.
T. Chinle	T.
T. Permian	T.
T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from 7,490' to 7,610'
No. 2, from 11,875 to 12,985'

No. 3, from.....to.....
No. 4, from.....to.....

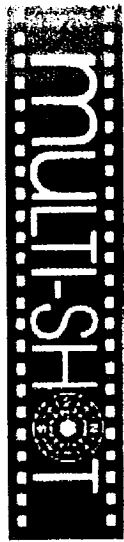
IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology
11,875	12,985	1110'	Dolomite This is the only interval drilled during this re-entry. Wellbore is a horizontal lateral. BHL is 890'E and 38' N of surface location at TVD of 12,150'



Job Number: P02-198
Company: Rubicon Oil & Gas
Lease/Well: Newman ST #1
Location: Lea County
Rig Name:
RKB:
G.L. or M.S.L.:

State/Country: New Mexico
Declination:
Grid: Assumed to True North
File name: F:\WELLPL-12002\IP02198 SIP0219802198.SVY
Date/Time: 11-Oct-02 / 09:25
Curve Name: Side-Track #01

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 90.00
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

SUR: F - 1874/N & 1874/W
BHL: G - 1835/N & 2767/W
32-24s-38e
30-025-32021

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	Distance FT	CLOSURE Direction Deg	Dogleg Severity Deg/100
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Tie-In to Original Well Bore

11860.00	9.80	235.10	11847.20	-90.90	.90	.90	90.90	179.43	.00
11870.00	10.50	235.10	11857.04	-91.91	-.55	-.55	91.91	180.34	7.00
11880.00	12.20	228.10	11866.85	-93.14	-2.08	-2.08	93.16	181.28	21.85
11890.00	13.10	200.10	11876.61	-94.91	-3.26	-3.26	94.96	181.97	61.36
11900.00	13.90	178.40	11886.34	-97.17	-3.61	-3.61	97.24	182.13	50.98
11910.00	17.30	161.20	11895.98	-99.78	-3.10	-3.10	99.83	181.78	57.06
11920.00	21.90	159.30	11905.40	-102.94	-1.96	-1.96	102.96	181.09	46.43
11930.00	26.10	160.20	11914.53	-106.75	-.56	-.56	106.75	180.30	42.16
11940.00	30.10	160.10	11923.35	-111.18	1.04	1.04	111.19	179.46	40.00
11950.00	35.30	161.20	11931.76	-116.28	2.83	2.83	116.31	178.61	52.34

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	Distance FT	CLOSURE Direction Deg	Dogleg Severity Deg/100
11960.00	40.70	162.10	11939.64	-122.12	4.76	4.76	122.21	177.77	54.28
11970.00	43.70	160.10	11947.05	-128.47	6.94	6.94	128.66	176.91	32.87
11980.00	47.30	158.10	11954.06	-135.13	9.49	9.49	135.47	175.98	38.72
11990.00	51.30	157.50	11960.58	-142.15	12.36	12.36	142.69	175.03	40.26
12000.00	55.60	154.70	11966.53	-149.49	15.61	15.61	150.30	174.04	48.52
12010.00	57.40	150.10	11972.05	-156.88	19.48	19.48	158.08	172.92	42.37
12020.00	58.70	145.80	11977.34	-164.06	23.98	23.98	165.81	171.68	38.73
12030.00	62.20	143.20	11982.28	-171.14	29.03	29.03	173.59	170.37	41.67
12040.00	63.90	138.40	11986.81	-178.04	34.67	34.67	181.39	168.98	46.04
12050.00	62.10	131.80	11991.35	-184.35	40.95	40.95	188.85	167.48	61.49
12060.00	63.00	128.40	11995.97	-190.07	47.74	47.74	195.97	165.90	31.48
12070.00	70.20	127.30	11999.93	-195.69	54.98	54.98	203.27	164.31	72.70
12080.00	75.30	126.80	12002.90	-201.45	62.60	62.60	210.95	162.74	51.22
12090.00	82.00	125.70	12004.87	-207.24	70.50	70.50	218.90	161.21	67.86
12100.00	86.60	123.10	12005.86	-212.86	78.71	78.71	226.94	159.71	52.77
12110.00	87.90	119.60	12006.34	-218.05	87.24	87.24	234.86	158.19	37.30
12120.00	87.30	114.90	12006.76	-222.63	96.12	96.12	242.49	156.65	47.34
12130.00	86.90	110.90	12007.26	-226.51	105.32	105.32	249.80	155.06	40.15
12140.00	86.30	106.40	12007.86	-229.70	114.77	114.77	256.78	153.45	45.32
12150.00	85.90	102.40	12008.54	-232.18	124.43	124.43	263.43	151.81	40.11
12160.00	86.50	97.40	12009.20	-233.90	134.26	134.26	269.69	150.14	50.25
12170.00	88.10	92.10	12009.67	-234.73	144.21	144.21	275.49	148.43	55.30
12180.00	89.30	88.90	12009.90	-234.81	154.21	154.21	280.92	146.71	34.17
12195.00	90.80	83.90	12009.89	-233.87	169.17	169.17	288.64	144.12	34.80
12205.00	90.40	82.40	12009.78	-232.68	179.10	179.10	293.63	142.41	15.52
12220.00	89.60	80.30	12009.78	-230.42	193.93	193.93	301.17	139.92	14.98
12237.00	89.20	78.20	12009.96	-227.25	210.63	210.63	309.85	137.17	12.57
12267.00	88.30	74.20	12010.61	-220.10	239.75	239.75	325.46	132.55	13.66
12297.00	86.80	70.10	12011.90	-210.91	268.27	268.27	341.25	128.17	14.54
12329.00	84.70	68.20	12014.27	-199.56	298.09	298.09	358.72	123.80	8.84

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
12360.00	82.00	67.40	12017.86	-187.93	326.60	326.60	376.81	119.92	9.08
12392.00	78.80	67.50	12023.19	-175.83	355.73	355.73	396.81	116.30	10.00
12424.00	75.60	67.30	12030.28	-163.84	384.54	384.54	417.99	113.08	10.02
12456.00	74.70	66.70	12038.48	-151.75	413.01	413.01	440.01	110.17	3.35
12487.00	74.20	66.10	12046.79	-139.80	440.38	440.38	462.03	107.61	2.47
12519.00	75.80	66.40	12055.08	-127.35	468.67	468.67	485.66	105.20	5.08
12549.00	76.30	66.80	12062.18	-115.77	495.47	495.42	508.77	103.15	3.58
12581.00	78.00	66.80	12069.16	-103.47	524.12	524.12	534.24	101.17	3.75
12613.00	78.40	67.00	12075.71	-91.18	552.93	552.93	560.40	99.36	1.39
12644.00	78.90	68.40	12081.81	-79.65	581.05	581.05	586.49	97.81	4.71
12675.00	78.90	68.00	12087.77	-68.35	609.30	609.30	613.12	96.40	1.27
12707.00	80.00	68.00	12093.63	-56.57	638.47	638.47	640.97	95.06	3.44
12738.00	81.10	67.80	12098.72	-45.06	666.80	666.80	668.32	93.87	3.61
12769.00	81.40	67.80	12103.44	-33.49	695.17	695.17	695.97	92.76	.97
12801.00	80.20	70.00	12108.56	-22.11	724.63	724.63	724.97	91.75	7.75
12833.00	80.30	69.50	12113.98	-11.20	754.22	754.22	754.30	90.85	1.57
12864.00	78.70	70.00	12119.62	-.65	782.82	782.82	782.82	90.05	5.40
12895.00	75.90	70.30	12126.44	9.62	811.26	811.26	811.32	89.32	9.08
12927.00	75.00	69.90	12134.48	20.16	840.38	840.38	840.62	88.63	3.06
12964.00	72.90	70.30	12144.71	32.27	873.82	873.82	874.41	87.89	5.77
Projection to TD- ST#01									
12982.00	72.90	70.30	12150.00	38.06	890.01	890.01	890.83	87.55	.00

38' N + 890' E of Surface location

Handwritten signature