

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, 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-101
Revised March 17, 1999

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Rubicon Oil & Gas, LLC 400 West Illinois - Suite 1130 Midland, Texas 79701		² OGRID Number 194266
³ Property Code 30043	⁵ Property Name Newman - State	³ API Number 30 - 025-32021

⁷ Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	32	23-S	38-E		1874	North	1874	West	Lea

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	32	23-S	38-E		1874	North	2506	East	Lea

⁹ Proposed Pool 1 Stateline - Ellenburger	¹⁰ Proposed Pool 2
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¹¹ Work Type Code D	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3296'
¹⁶ Multiple No	¹⁷ Proposed Depth 12,700' MD; 12,070' TVD	¹⁸ Formation Ellenburger	¹⁹ Contractor Patterson Drilg. Co.	²⁰ Spud Date 8-13-02

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sack of Cement	Estimated TOC
17-1/2"	13-3/8"	48#	449'	500/sx "C"	Circulated
12-1/4"	8-5/8"	32#	3,499'	1850/sx 250/sx	Circulated
7-7/8"	5-1/2"	17#	12,130'	725/sx 1st stage	7880'
				900/sx 2nd stage	2850'

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone.

Describe the blowout prevention program, if any. Use additional sheets if necessary. This well was drilled by Marathon Oil Co. and P&A in August 1993. Rubicon re-entered this well bore on 7-13-02 and has set 5-1/2", 17# csg. at 12,130'. Casing was cemented in two stages. Stage tool at 7645'. Top of cement at 2850' (CBL). Rubicon plans to mill out a window at 11,875' and drill a lateral to the bottom hole location and TVD indicated above. BOP equipment is in place and has been tested to 3000#. H2S monitoring equipment is in place and operational. Casing was set and cemented as per Rule 107. BOP equipment has been installed and maintained as per Rule 109

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Darol K. Ramey*
Printed name: Darol K. Ramey

Title: Agent

Date: 8-16-02

Phone: 915/687-1192

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY
GARY W. WINK
Title: OC FIELD REPRESENTATIVE II/STAFF MANAGER

Approval Date: AUG 14 2002 Expiration Date:

Conditions of Approval:
Attached ☐

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-32021	Pool Code 57810	Pool Name Stateline Ellenburger
Property Code 30043	Property Name NEWMAN STATE	Well Number 1
OGRID No. 194266	Operator Name RUBICON OIL AND GAS, LLC	Elevation 3296'

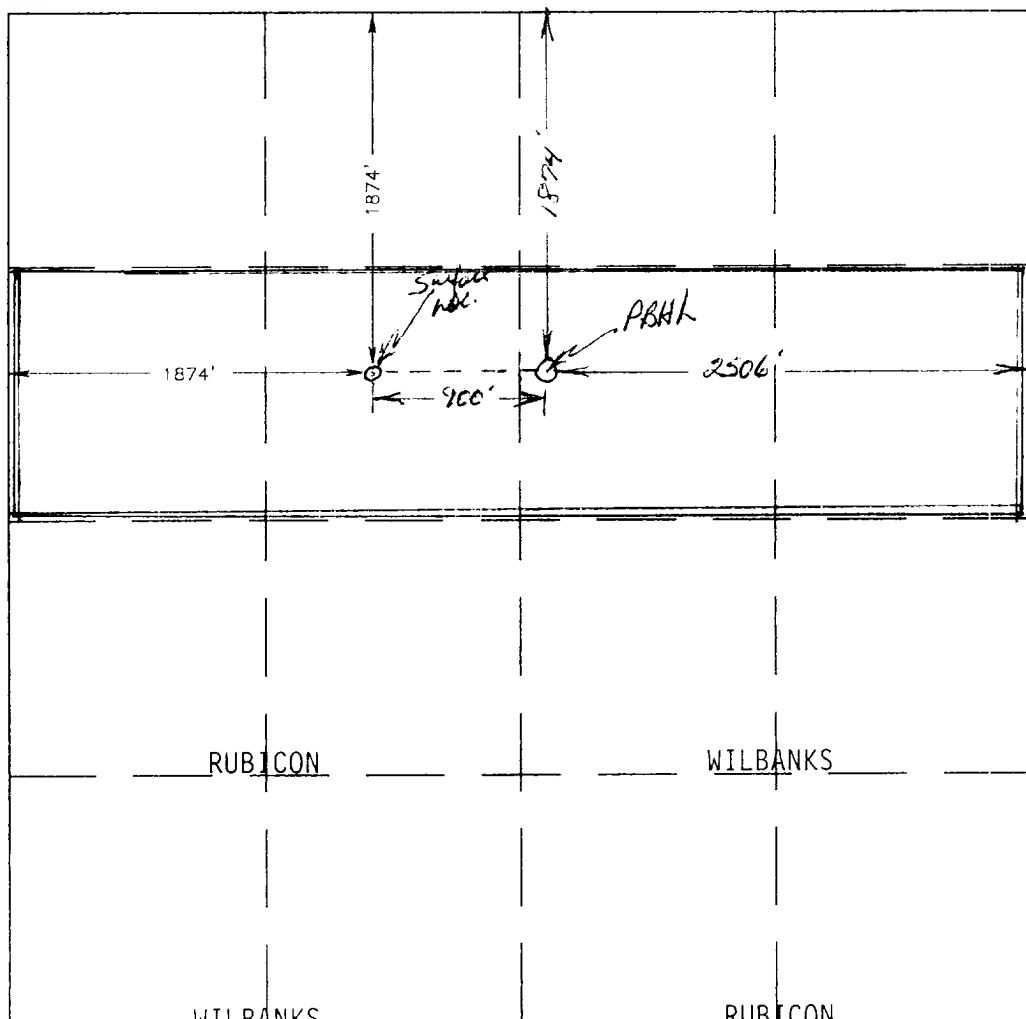
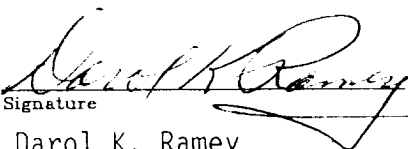
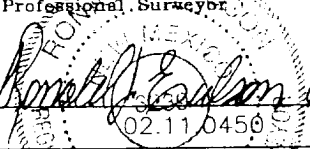
Surface Location

UL or lot No. F	Section 32	Township 23-S	Range 38-E	Lot Idn	Feet from the 1874	North/South line NORTH	Feet from the 1874	East/West line WEST	County LEA
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Bottom Hole Location If Different From Surface

UL or lot No. G	Section 32	Township 23-S	Range 38-E	Lot Idn	Feet from the 1874	North/South line NORTH	Feet from the 2506	East/West line EAST	County LEA
Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.						

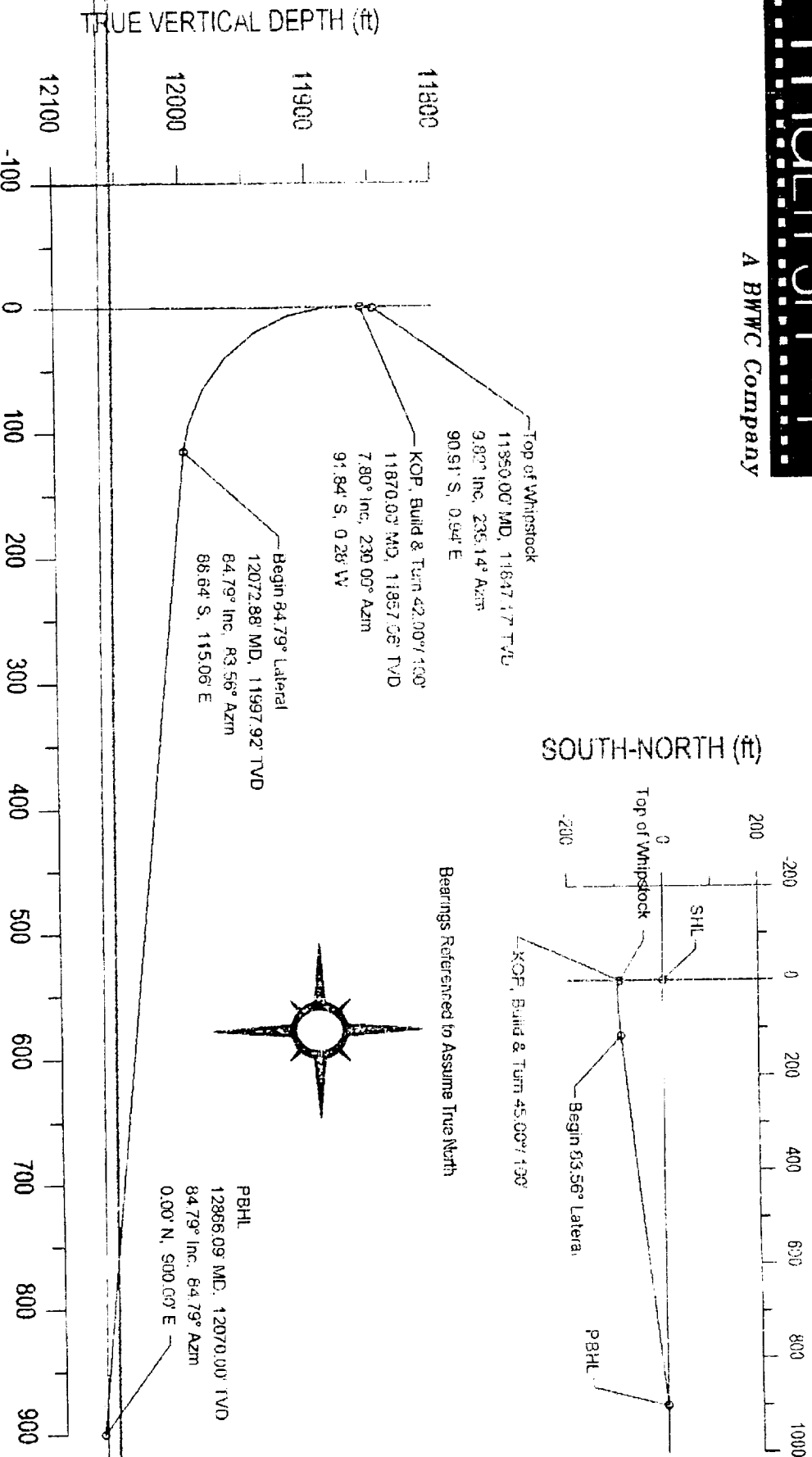
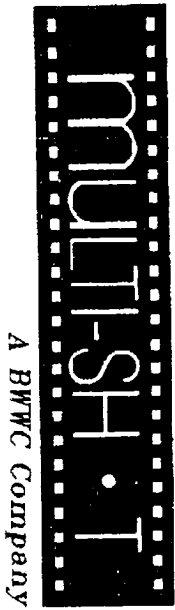
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p> Signature Darol K. Ramey Printed Name Agent Title 8-12-02 Date</p> <p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>JUNE 13, 2002 Date Surveyed A.W.B. Signature & Seal of Professional Surveyor  Certificate No. RONALD J. EDSON 3239 GARY EDSON 12641</p>
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Company: Rubicon Oil & Gas
 Lease/Well: Newman ST #1
 Location: Lea County
 Rig Name: Unknown

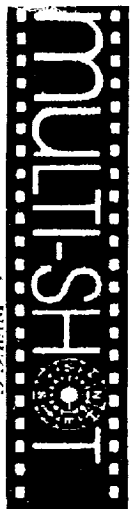
Rubicon Oil & Gas

State/Country: New Mexico
 Declination: Not yet calculated
 Grid: Assumed to True North
 Date/Time: 08/12/02



Drawn By: TCR

Proposal Rev. 4
 P02198r2.dwg



A BREC Company

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:\WELL\PL-112002\P02190\S\P02198\02198.SVY
Date/Time: 12-Aug-02 / 17:27
Curve Name: Proposal Rev. 4

WINSEIVE SURVEY CALCULATIONS

Minimum Curvature Method

Vertical Section Plane 90.00

Vertical Section Referenced to offset from Wellhead: E = 0.00 Ft, NS = 0.00 Ft

Rectangular Coordinates Referenced to Wellhead

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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Top of Whipstock

11800.00	9.82	235.14	11847.17	-90.91	94	94	90.92	179.41	.00
KOP, Build and Turn 45.00°/100'									
11870.00	7.80	230.00	11857.06	-91.84	-28	-28	91.84	180.17	21.66
11900.00	8.18	114.58	11886.90	-94.04	11	11	94.04	179.94	45.00
11930.00	20.90	94.48	11915.90	-95.35	7.42	7.42	95.84	175.55	45.00
11960.00	34.21	89.49	11942.44	-95.70	21.25	21.25	98.03	167.48	45.00
11990.00	47.62	87.09	11965.06	-95.06	40.84	40.84	103.46	156.75	45.00
12020.00	61.07	85.54	11982.50	-93.47	65.11	65.11	113.91	145.14	45.00

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
12050.00	74.52	84.35	11993.82	-91.01	92.71	92.71	129.92	134.47	45.00
Begin 83.56° Lateral									
12072.88	84.79	83.56	11997.92	-88.64	115.06	115.06	145.24	127.61	45.00
PBHL									
12866.09	84.79	83.56	12070.00	.00	900.00	900.00	900.00	90.00	.00