

Submit To: Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies District I 1625 N. French Dr., Hobbs, NM 88240 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 June 10, 2003	
		WELL API NO. 30-025-36680		5. Indicate Type of Lease STATE ☒ FEE ☐	
		State Oil & Gas Lease No.		7. Lease Name or Unit Agreement Name Raptor West "3" State	
WELL COMPLETION OR RECOMPLETION REPORT AND LOG					
1a. Type of Well: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____ b. Type of Completion: NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. _____ WELL OVER BACK RESVR. ☐ OTHER _____				8. Well No. 1	
2. Name of Operator Pure Resources, L. P. (150628)				9. Pool name or Wildcat La Rica-Morrow East (Gas) (79810)	
3. Address of Operator 500 W. Illinois Midland, Texas 79705				4. Well Location Unit Letter J : 1,650' Feet From The South Line and 1,650' Feet From The East Line Section 3 Township 19S Range 34E NMPM Lea County _____	
10. Date Spudded 06/03/2004		11. Date T.D. Reached 07/29/2004		12. Date Compl. (Ready to Prod.) 09/04/2004	
13. Elevations (DF& RKB, RT, GR, etc.) 3,992' GR		14. Elev. Casinghead		15. Total Depth 13,920'	
16. Plug Back T.D. 13,899'		17. If Multiple Compl. How Many Zones? 1		18. Intervals Drilled By Grey Wolf	
19. Producing Interval(s), of this completion - Top, Bottom, Name 13,421' - 13,850', Morrow		20. Was Directional Survey Made No		21. Type Electric and Other Logs Run TDLD-CNL-NGS/HRLT-Micro CFL/GR (Neutron Density/Resistivity/Gamma Ray)	
22. Was Well Cored No		23. CASING RECORD (Report all strings set in well)			
CASING SIZE 13-3/8"		WEIGHT LB./FT. 48#		DEPTH SET 533'	
HOLE SIZE 17-1/2"		CEMENTING RECORD 435sx "C"		AMOUNT PULLED 0' (CIR 86sx)	
9-5/8"		40# N-80 & J-55		5,008'	
12-1/4"		2,565sx "C"		0' (CIR 115sx)	
8-3/4"		1,200sx "H POZ"		0' (CIR 75sx)	
DV TOOL		1,300sx "H POZ"		0' (No CIR)	
10,083.9'		TOC @ 5,577' by TS			
24. LINER RECORD					
SIZE 2-7/8"		TOP 13,370'		BOTTOM 13,370'	
SACKS CEMENT		SCREEN		PACKER SET	
25. TUBING RECORD					
26. Perforation record (interval, size, and number) 13,421' - 13,850' w/ 4 SPF (Total 28 holes)					
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
DEPTH INTERVAL 13,421' - 13,850'		AMOUNT AND KIND MATERIAL USED Frac'd w/60,000g 65Q CO2 + 60,000#			
13,320' - 13,326'		20/40 Interprop.			
28. PRODUCTION		Test perfs squeezed w/100 sx cmt.			
Date First Production 09/04/2004		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing		Well Status (Prod. or Shut-in) Producing	
Date of Test 09/13/2004		Hours Tested 24		Choke Size 18/64"	
Flow Tubing Press. 200 psi		Casing Pressure PKR		Calculated 24-Hour Rate 1	
Oil - Bbl 1		Gas - MCF 369		Water - Bbl 65	
Gas - Oil Ratio 369,000:1		Oil Gravity - API (Corr.) 30.1			
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold					
30. List Attachments Electric logs, wellbore schematic, deviation report.					
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 Alan W. Bohling		Printed Name Alan W. Bohling		Title Regulatory Agent	
E-mail Address abohling@pureresources.com		Date 09/24/2004			

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INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico	Northwestern New Mexico
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OIL OR GAS
SANDS OR TONES

0.....

IMPORTANT WATER SANDS

tion to which water rose in hole.

No. 1, from.....to.....

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

LITHOLOGY RECORD (Attach additional sheet if necessary)

Lithology	From	To	Thickness In Feet
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Section 1				Section 2			
Station	Depth	in Feet	Remarks	Station	Depth	in Feet	Remarks
1	10	10	10	1	10	10	10
2	20	20	20	2	20	20	20
3	30	30	30	3	30	30	30
4	40	40	40	4	40	40	40
5	50	50	50	5	50	50	50
6	60	60	60	6	60	60	60
7	70	70	70	7	70	70	70
8	80	80	80	8	80	80	80
9	90	90	90	9	90	90	90
10	100	100	100	10	100	100	100

WELL: Raptor West 3 State #1
FIELD: La Rica (Morrow) and Wildcat Atoka



A Unocal Company

API # 30-025-36680

Surf Loc: 1650' FSL 1650' FEL Sec 3 T19S R34E

Lea Co., New Mexico

Elev: GL 3992', KB 4021' (RKB 29')

Spud: 6/4/04 RR 8/3/04

First Sales:

AFE# 1040244

11" 5000 x 7 1/16" 10000

13-3/8" 48# H-40 STC @ 533'
 Cmtd to surf w/ 465 sx.

9-5/8" 40# NS80HC & J-55 STC @ 5008'
 Cmtd to surf w/ 2565 sx.

TOC 5577' TS

2 7/8" 6.5# L-80 EUE 8rd

7% KCl water

DV tool @ 10083'

Morrow perms 13320-326 - Tested wet and squeezed w/ 100 sx.

On/off tool w/1.81" F nipple

Baker Hornet pkr @ 13750±, 8"x2-3/8" tailpipe, 1.81 R nipple, WLEG

Morrow perms 13421-850

Frac w/ approx. 60000 gal 65Q foam and 60000# 20/40 interprop

5 1/2" 20# P-110 LTC @ 13920"

Cmtd in 2 stages w/ DV @ 10083'

First stage: 1200 sx. Circ cmt to DV

Second stage: 1300 sx. TOC @ 5577' TS

TD 13920'

FC @ 13823'

Drill out to 13899'