

1. Operator Name and Address CIMAREX ENERGY CO. OF COLORADO 5215 N. O'CONNOR BLVD. IRVING , TX 75039		2. OGRID Number 162683
		3. API Number 30-015-36691
4. Property Code 37418	5. Property Name BOWSER 32 STATE	6. Well No. 001

UL - Lot P	Section 32	Township 16S	Range 29E	Lot Idn P	Feet From 360	N/S Line S	Feet From 330	E/W Line E	County EDDY
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WC: GLORIETA-YESO	97482
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9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3606
14. Multiple N	15. Proposed Depth 8491	16. Formation Paddock	17. Contractor	18. Spud Date 11/15/2008
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mls thick Clay <input type="checkbox"/> Pit Volume: bbls Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	14.75	11.75	42	430	430	0
Int1	11	8.625	24	1350	430	0
Prod	7.875	5.5	17	4300	1485	650
Liner1	4.75	2.875	6.5	8491	0	

Drill surface, intermediate, and pilot holes. Set whipstock plug in 5-1/2" casing and mill window from 3695' to 3705.' Kick off 4-3/4" lateral at 3700' and drill to TD of MD 8491' and TVD 4000.' Install 2-7/8" PEAK Completion Liner in the lateral, which will require no cement.

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	5000	5000	Cameron

Date: 10/2/2008	Phone: 972-443-6489
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District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(505) 393-6161 Fax:(505) 393-0720

District II
 1301 W. Grand Ave., Artesia, NM 88210
 Phone:(505) 748-1283 Fax:(505) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-102
 Permit 82872

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-36691	2. Pool Code 97482	3. Pool Name WC; GLORIETA-YESO
4. Property Code 37418	5. Property Name BOWSER 32 STATE	6. Well No. 001
7. OGRID No. 162683	8. Operator Name CIMAREX ENERGY CO. OF COLORADO	9. Elevation 3606

10. Surface Location

UL - Lot P	Section 32	Township 16S	Range 29E	Lot Idn	Feet From 360	N/S Line S	Feet From 330	E/W Line E	County EDDY
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11. Bottom Hole Location If Different From Surface

UL - Lot M	Section 32	Township 16S	Range 29E	Lot Idn M	Feet From 360	N/S Line S	Feet From 330	E/W Line W	County EDDY
12. Dedicated Acres 160.00		13. Joint or Infill		14. Consolidation Code		15. 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

	OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> E-Signed By: Zeno Farris Title: Manager Operations Administration Date: 10/2/2008
	SURVEYOR CERTIFICATION <i>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.</i> Surveyed By: Gary L. Jones Date of Survey: 9/4/2008 Certificate Number: 7977

Permit Comments

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683

Well: BOWSER 32 STATE #001

API: 30-015-36691

Created By	Comment	Comment Date
NKRUEGER	Mud, casing, cement, and BOP program, along with C-102, C-144, and preliminary directional survey, will all be emailed to Kimberly Wilson.	10/2/2008
NKRUEGER	Well is horizontal Glorieta-Yeso test with an SHL in UL P and a BHL in UL M. Therefore, it will require a S2S2 lay-down 160-acre oil well spacing unit.	10/2/2008