

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

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

1. Operator Name and Address CIMAREX ENERGY CO. 15 EAST 5TH STREET TULSA, OK 74103		2. OGRID Number 215099
		3. API Number 30-045-34182
4. Property Code 36334	5. Property Name INDIANA AVE 13-32-21-10	6. Well No. 002

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	32	21N	10W	M	465	S	737	W	SAN JUAN

**8. Pool Information**

WC 21N10W32; Entrada	0
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**Additional Well Information**

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 6210
14. Multiple N	15. Proposed Depth 5000	16. Formation Entrada Formation	17. Contractor	18. Spud Date
Depth to Ground water 50		Distance from nearest fresh water well > 1000		Distance to nearest surface water 160
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 _____ miles thick Clay <input type="checkbox"/> Pit Volume: 13350 bbls Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

**19. Proposed Casing and Cement Program**

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	9.625	24	300	250	0
Prod	7.875	5.5	11.6	5000	650	0

**Casing/Cement Program: Additional Comments**

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**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	3000	Regan

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

I further certify that the drilling pit will be constructed according to NMOCD guidelines ☒ a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed Name: Electronically filed by Sharon LaValley

Title: Manager

Email Address: slavalley@cimarex.com

Date: 2/23/2007 Phone: 918-295-1673

**OIL CONSERVATION DIVISION**

Approved By: Charlie Perrin

Title: District Supervisor

Approved Date: 2/27/2007 Expiration Date: 2/27/2008

**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

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Form C-102  
 Permit 47233

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-045-34182	2. Pool Code	3. Pool Name WC 21N10W32; Entrada
4. Property Code 36334	5. Property Name INDIANA AVE 13-32-21-10	6. Well No. 002
7. OGRID No. 215099	8. Operator Name CIMAREX ENERGY CO.	9. Elevation 6210

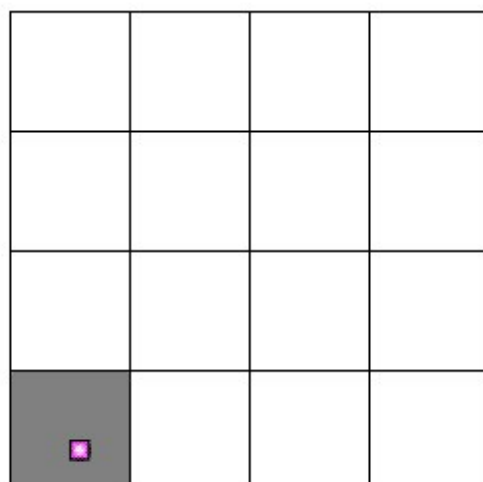
**10. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	32	21N	10W		465	S	737	W	SAN JUAN

**11. Bottom Hole Location If Different From Surface**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 40.00	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 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.*

E-Signed By: Sharon LaValley  
 Title: Manager  
 Date: 2/23/2007

**SURVEYOR CERTIFICATION**

*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.*

Surveyed By: Gerald Huddleston  
 Date of Survey: 2/8/2007  
 Certificate Number: 6844

## Permit Comments

Operator: CIMAREX ENERGY CO. , 215099

Well: INDIANA AVE 13-32-21-10 #002

API: 30-045-34182

Created By	Comment	Comment Date
SHAYDEN	Both wells in this section are in the same lease and must have the same well name and property code.	2/26/2007