

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 30-045-34187
4. Property Code 36375	5. Property Name ILLINOIS AVE 12-36-21-11	6. Well No. 001

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	36	21N	11W	L	1727	S	375	W	SAN JUAN

8. Pool Information

WC 21N11W36; Entrada Oil	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 6352
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 300

Pit: Liner: Synthetic ☒ 12 _____ miles thick Clay ☐ Pit Volume: 13350 _____ bbls Drilling Method:
 Closed Loop System ☐ Fresh Water ☐ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐

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 ☐ .	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Sharon LaValley	Approved By: Charlie Perrin
Title: Manager	Title: District Supervisor
Email Address: slavalley@cimarex.com	Approved Date: 3/9/2007 Expiration Date: 3/9/2008
Date: 2/27/2007	Phone: 918-295-1673

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., 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 & Mining Resources Department
OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C - 102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

APA Number		Pool Code		Pool Name	
Property Code	Property Name Illinois Ave 12-36-21-II				Well Number 1
OGRD No.	Operator Name CIMAREX ENERGY CO.				Elevation 6352'

Surface Location									
UL or Lot L	Sec. 36	Top. 21 N.	Rge. 11 W.	Lot Idn.	Feet from >	North/South	Feet from >	East/West	County
					1727'	South	375'	West	San Juan

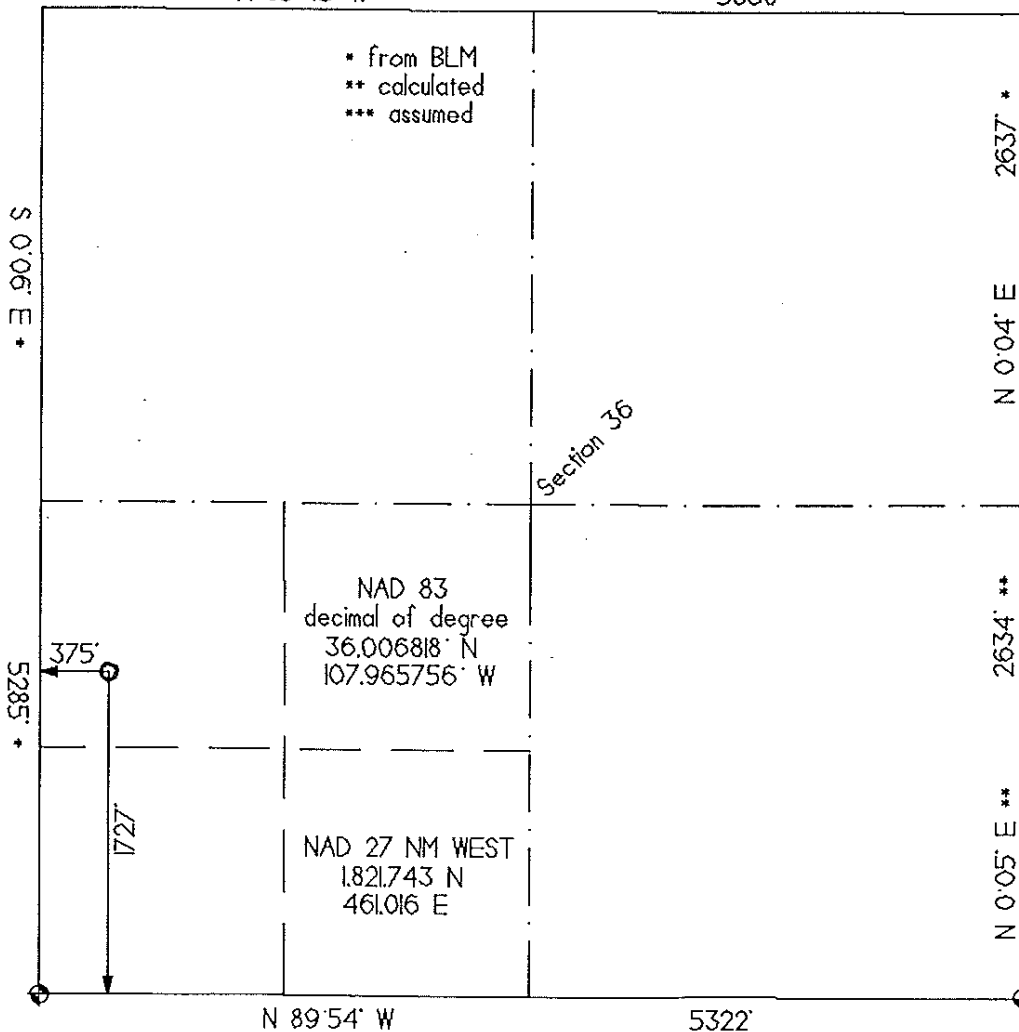
Bottom Hole Location If Different From Surface									
UL or Lot	Sec.	Top.	Rge.	Lot Idn.	Feet from >	North/South	Feet from >	East/West	County

Dedicated Acres	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.

N 89°45' W *

5338' *



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 bottom hole location 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 pool agreement or a compulsory pooling order heretofore entered by the division.	
Date	2/21/07
Signature	<i>Sharon LaValley</i>
Printed Name	Sharon LaValley
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.	
Date of survey	01 24 '07
Signature and Seal of Professional Surveyor	<i>Gerald G. Huddleston</i>
Certificate Number	6844