## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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FORM APPROVED

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OMB NO, 1004-	0135
Expires: July 31,	2010

SUNDRY NOTICES AND REPORTS ON WELLS

Lease Serial No. NMNM025559

SUBMIT IN TRIPLICATE - Other instructions on reverse side.					If Indian, Allottee or Tribe Name  7. If Unit or CA/Agreement, Name and/or No.		
☑ Oil Well ☐ Gas Well ☐ Other					IRWIN 13 FEDERAL 002		
Name of Operator Contact: NATALIE E KRUEGER     CIMAREX ENERGY CO. OF COLORAD ail: nkrueger@cimarex.com					9. API Well No. 30-015-38099		
600 N. MARIENFELD ST., STE. 600 Pr			3b. Phone No. (include area code) Ph: 432-620-1936 Fx: 432-620-1940		10. Field and Pool, or Exploratory HACKBERRY; BONE SPRING NW		
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)				11. County or Parish, and State			
Sec 13 T19S R30E SESE 660FSL 125FEL 32.65490 N Lat, 103.91735 W Lon					EDDY COUNTY, NM		
12. CHECK APP	ROPRIATE BOX(ES) TO	) INDICATE	NATURE OF 1	NOTICE, R	EPORT, OR OTHEI	R DATA	
TYPE OF SUBMISSION	TYPE OF ACTION						
Notice of Intent	etics of Intent Deepen		Product	Production (Start/Resume) Water Shu			
_	Alter Casing	Fracture Treat		Reclamation		☐ Well Integrity	
☐ Subsequent Report	☐ Casing Repair	New Construction		Recomp	olete	Other	
Final Abandonment Notice			g and Abandon	☐ Tempor	Temporarily Abandon		
,	Convert to Injection Plug Ba		g Back	☐ Water Disposal			
The well's permitted casing properties and are lateral string that would listead, Cimarex would like to 52 17# P110 LTC from 0-133 2.44 yield 50% Excess, Tail:1 + 0.1% HR-601 14.5ppg 1.22	o drill 8? to KOP @ 7130 322. Cement with Lead:74 390SKS Versacem - H +	and drill thro 85SKS Econe 0.5% Halado	ugh curve to TD oCem - H + 0.2 °	@ 13322. % HR-601 2	Set .44 11.9ppg m/sk salt	OVED	
SEE ATTACHED FOR			ECEIVE	1	APPROVED		
CONDITIONS OF APPROVAL		NA	JAN 18 2011		JAN 1	2 2011 Eman	
14. Thereby certify that the foregoing is	Electronic Submission #	100028 verifie	d by the BLM We	II Informatio	system CARL SBAD	ID MANAGEIV <b>ENT</b> FIELD OFFIC <b>E</b>	
Name (Printed/Typed) NATALIE	For CIMAREX ENER E KRUEGER	RG1 CO. OF C		ATORY	oau Oraves		
Signature (Electronic			Date 01/04/2				
	THIS SPACE FO	OR FEDERA	AL OR STATE	OFFICE U	SE	·	
Approved By			Title			Date	
Conditions of approval, if any, are attached certify that the applicant holds legal or eq which would entitle the applicant to cond	uitable title to those rights in the		Office				
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent					nake to any department of	r agency of the United	

## **CONDITIONS OF APPROVAL Sundry**

**OPERATOR'S NAME:** CIMAREX ENERGY

> LEASE NO.: NM025559

2-IRWIN 13 FEDERAL WELL NAME & NO.: 660' FSL & 125' FEL SURFACE HOLE FOOTAGE:

660' FSL & 330' FWL BOTTOM HOLE FOOTAGE

Section 13, T. 19 S., R 30 E., NMPM LOCATION:

Eddy County, New Mexico COUNTY:

**Original COA Applies** Under Drilling Operations Requirements Item B.3 is replaced by the following:

If DV tool is to be used, Operator is to submit a Sundry stating the depth of DV Tool and a description of the proposed cement program.

- 1. The minimum required fill of cement behind the 5-1/2 inch production casing is:
  - Cement should tie-back at least **500** feet into previous casing string due to potash. Operator shall provide method of verification. Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to potash.

EGF 011211