

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO 1004-0135
Expires July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No NMNM025559
2. Name of Operator CIMAREX ENERGY CO. OF COLORADO		6. If Indian, Allottee or Tribe Name
Contact NATALIE E KRUEGER Email nkrueger@cimarex.com		7. If Unit or CA/Agreement, Name and/or No
3a. Address 600 N. MARIENFELD ST., STE. 600 MIDLAND, TX 79701	3b. Phone No (include area code) Ph: 432-620-1936 Fx: 432-620-1940	8. Well Name and No. IRWIN 13 FEDERAL 004
4. Location of Well (Footage, Sec, T, R, M, or Survey Description) Sec 13 T19S R30E Mer NMP SESE 1300FSL 380FEL		9. API Well No 30-015-38101
		10. Field and Pool, or Exploratory HACKBERRY; BONE SPRING NW
		11. County or Parish, and State EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A PD
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

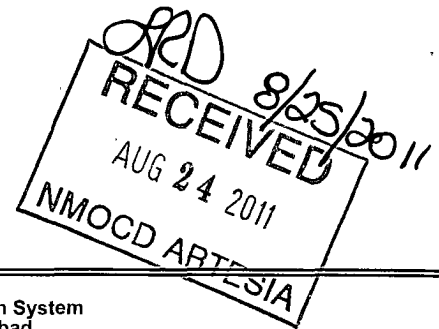
Cimarex proposes to change the location of this well as shown below:

Permitted Location
SHL 1300 FSL & 380 FEL
BHL 330 FNL & 2310 FWL

Proposed Location
SHL 1300 FSL & 480 FEL
BHL 330 FNL & 2310 FWL

No access road is needed for the new location.

Surface: Just 8-11-11



14. I hereby certify that the foregoing is true and correct Electronic Submission #11827 verified by the BLM Well Information System For CIMAREX ENERGY CO. OF COLORADO, sent to the Carlsbad	
Name (Printed/Typed) NATALIE E KRUEGER	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 06/28/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By	FIELD MANAGER	Date 8/23/11
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon		
Office CARLSBAD FIELD OFFICE		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

Additional data for EC transaction #111827 that would not fit on the form

32. Additional remarks, continued

Cimarex also proposes to use Key Rig 884 to drill this well instead of the permitted Key Rig 880.

Please see attached revised plats.

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 DepartmentOIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102

Revised July 18, 2010

Submit one copy to appropriate
District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-38101	Pool Code 97020	Pool Name Hackberry; Bone Spring, NW
Property Code 38097	Property Name IRWIN "13" FEDERAL	Well Number 4H
GRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3409

Surface Location

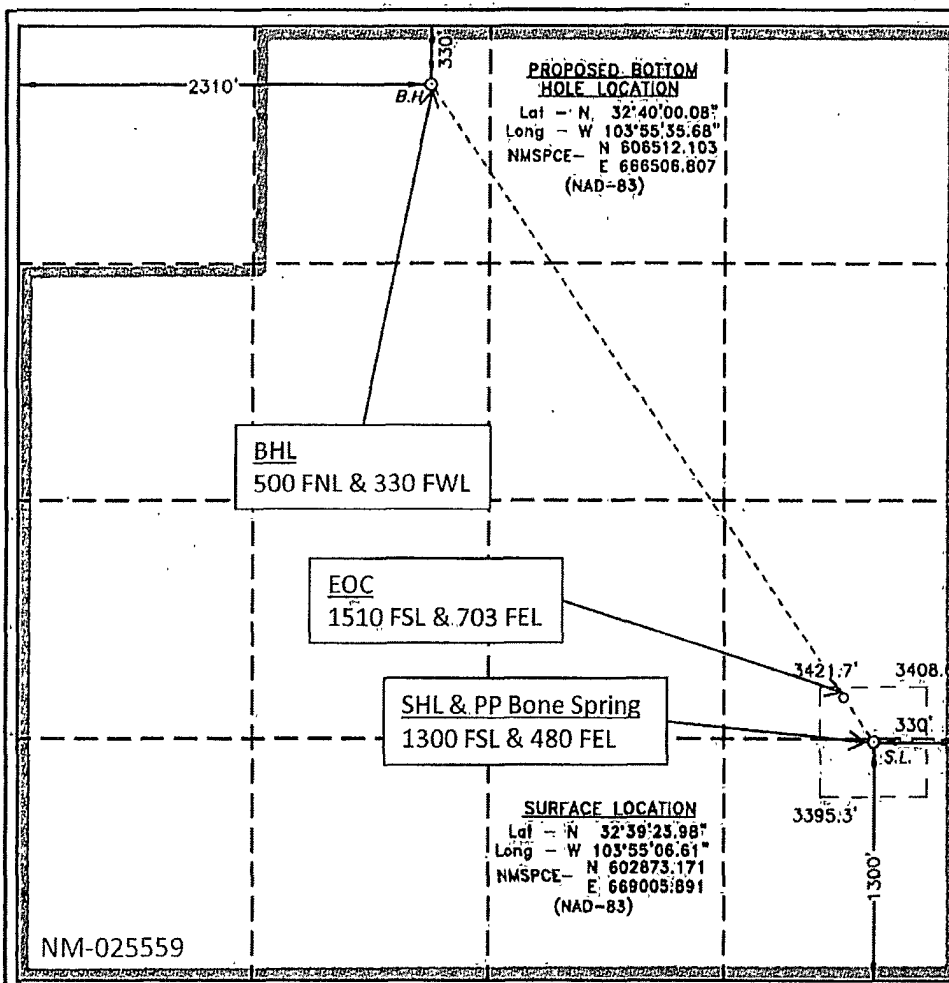
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	13	19 S	30 E		1300	SOUTH	480	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	13	19 S	30 E		330	NORTH	2310	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
600			

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 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.

Zeno Farris

6/28/2011

Signature

Date

Zeno Farris

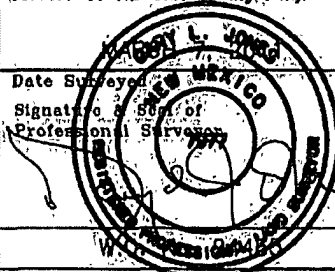
Printed Name

zfarris@cimarex.com

Email Address

SURVEYOR CERTIFICATION

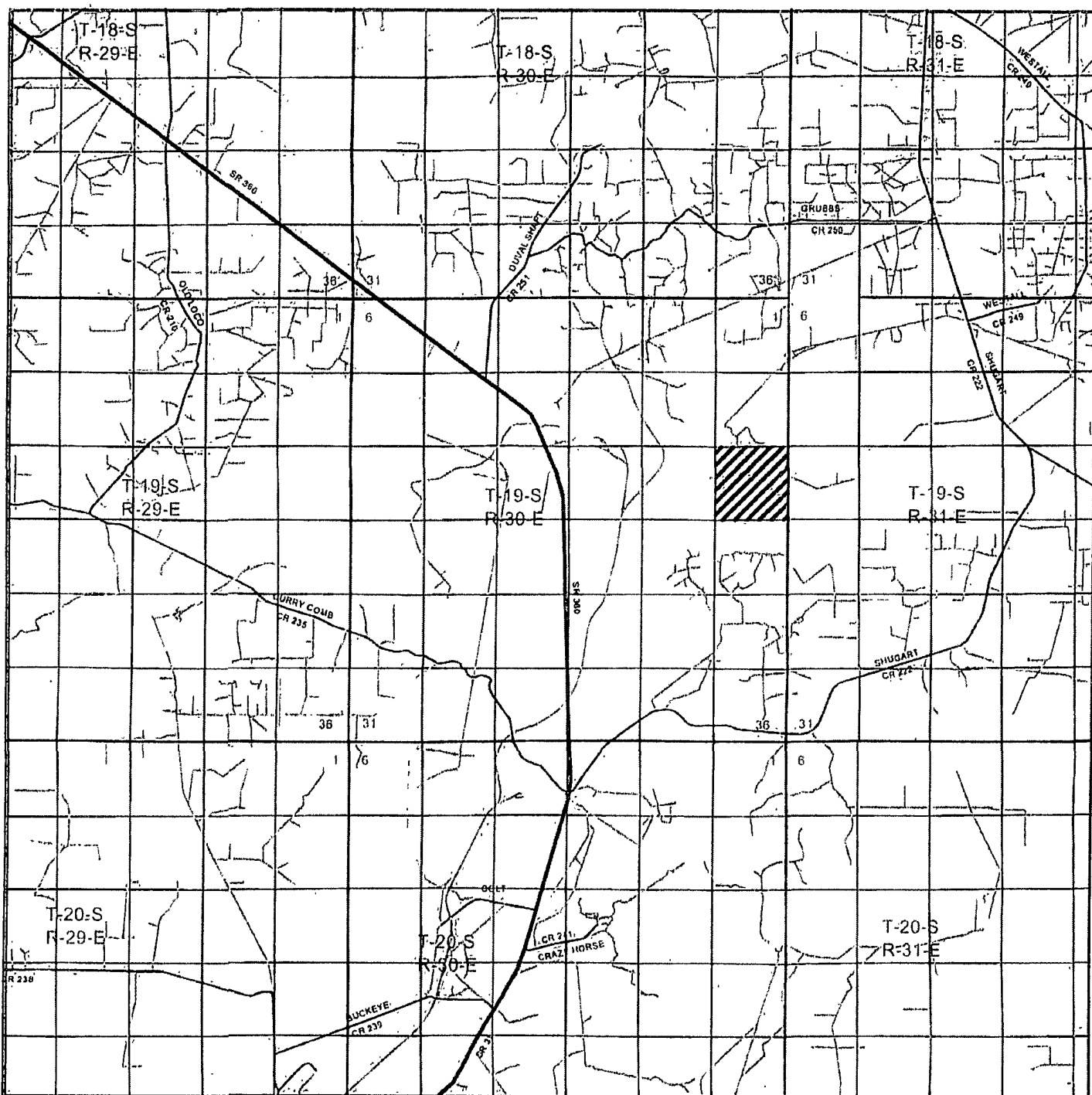
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.



Certificate No. Gary L. Jones 7977

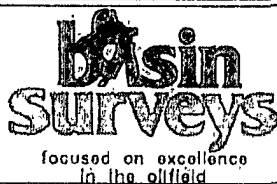
BASIN SURVEYS

24465



IRWIN "13" FEDERAL #4H

Located 1300' FSL and 480' FEL
 Section 13, Township 19 South, Range 30 East,
 N.M.P.M., Eddy County, New Mexico.



P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (575) 393-7316 - Office
 (575) 392-2206 - Fax
 basinsurveys.com

W.O. Number: JMS 24465

Survey Date: 04-13-2011

Scale: 1" = 2 Miles

Date: 04-18-2011

**CIMAREX
 ENERGY CO.
 OF COLORADO**

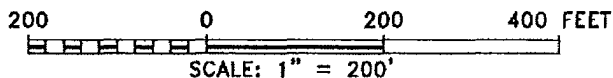
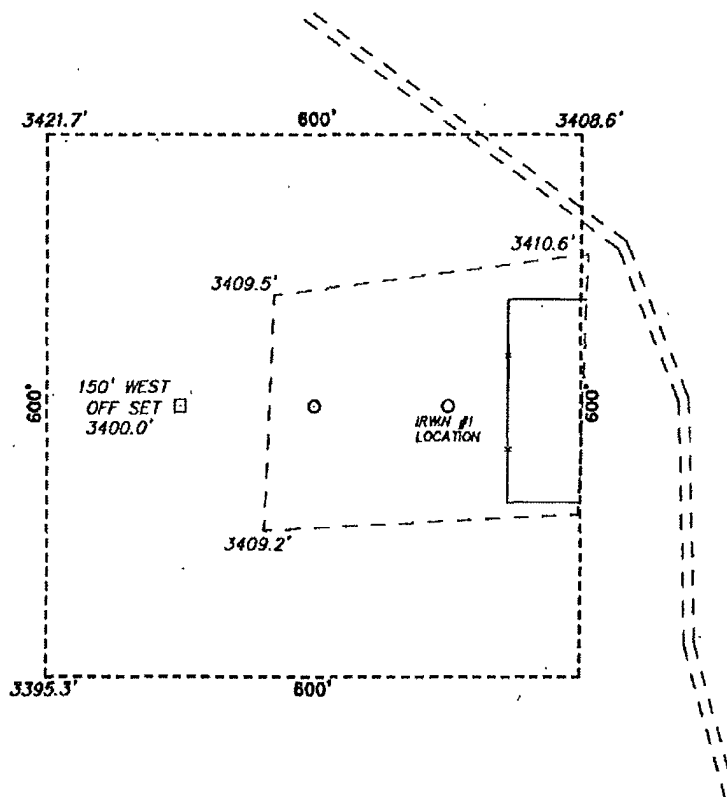
Exhibit B

SECTION 13, TOWNSHIP 19 SOUTH, RANGE 30 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.



CIMAREX ENERGY CO. OF COLORADO
IRWIN "13" FEDERAL #4H
ELEV. - 3409'

Lat - N 32°39'23.98"
Long - W 103°55'08.61"
NAD83 - N 602873.171
E 669005.891
(NAD-83)



Directions to Location:

FROM THE JUNCTION OF SHUGART AND WESTALL, GO
WEST TURNING SOUTHERLY ON LEASE ROAD FOR 4.7
MILES TO PROPOSED LOCATION.

BASIN SURVEYS P.O. BOX 1786-HOBBS, NEW MEXICO

W.O. Number: 24465 Drawn By: J. SMALL

Date: 04-18-2011 Disk: JMS 24465

CIMAREX ENERGY CO. OF COLORADO

REF: IRWIN "13" FEDERAL #4H / WELL PAD TOPO

THE IRWIN "13" FEDERAL #4H LOCATED 1300'
FROM THE SOUTH LINE AND 480' FROM THE EAST LINE OF
SECTION 13, TOWNSHIP 19 SOUTH, RANGE 30 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date: 04-13-2011 Sheet 1 of 1 Sheets

Key 884

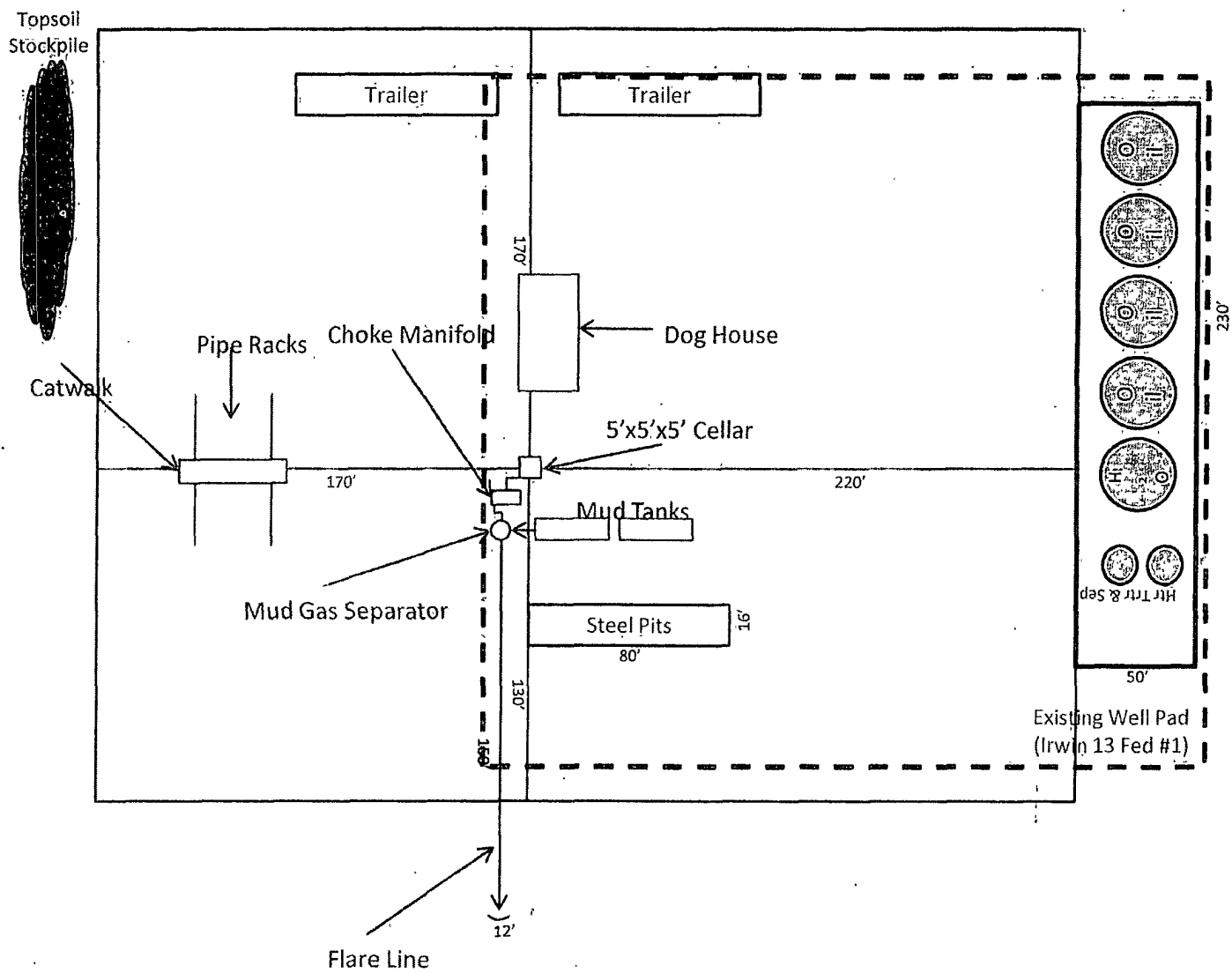


Exhibit D – Rig Diagram
Crescent Hale 10 Federal No. 1
 Cimarex Energy Co. of Colorado
 SHL 1075 FNL & 1890 FWL, 11-19S-30E
 BHL 500 FNL & 330 FWL, 10-19S-30E
 Eddy County, NM

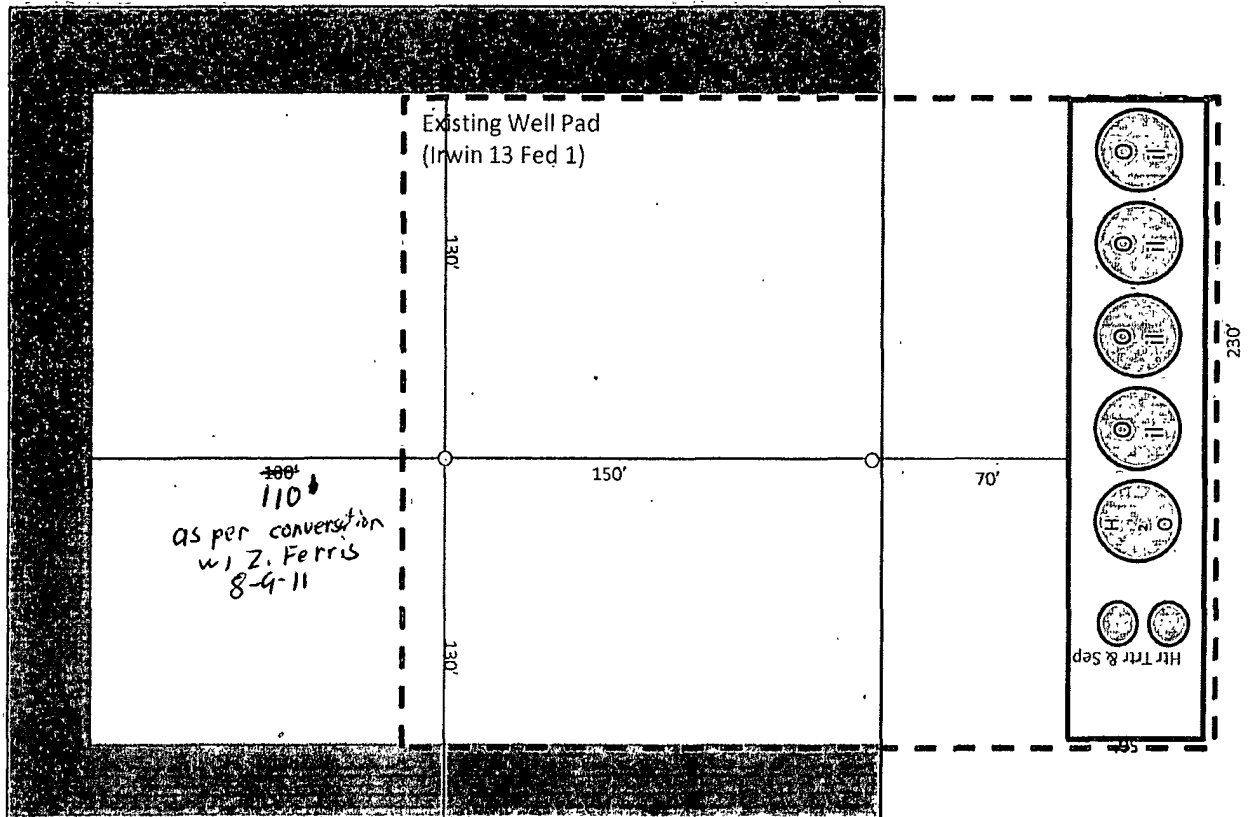


Exhibit D-1
 Production Facilities Layout Diagram
Crescent Hale 10 Federal No. 1
 Cimarex Energy Co. of Colorado
 SHL 1075 FNL & 1890 FWL, 11-19S-30E
 BHL 500 FNL & 330 FWL, 10-19S-30E
 Eddy County, NM

