

Hallertau 5 Federal No. 4 (A

Cimarex Energy Co. of Colorado Unit M, Section 5 T26S-R32E; Lea County, NM

AUG 2 5 2011

30-025-40254 RECEIVED

HOBBS OCD

- 1. <u>Existing Roads:</u> Area maps, Exhibit "A" shows the proposed well site as staked. Exhibit "B" is a reproduction of Eddy Co. General Highway Map. Exhibit "C" is a reproduction of a USGS Topographic Map, and Exhibit "C-1" is a well site layout map, showing proposed road to location and existing road. Existing road shown on Exhibits "C," C"-1," "C-2," "C-3," and "C-4" will be maintained in a condition equal to or better than current conditions.
 - A. The maximum width of the driving surface will be 15.' The road will be crowned and ditched with a 2% slope from the tip of the crown to the edge of the driving surface. The ditches will be 1' deep with 3:1 slopes. The driving surface will be made of 6" rolled and compacted caliche.
 - B. From the junction of Orla and Ross, go West on Ross for 1.8 miles to proposed lease road.
- 2. Planned Access Roads: 212' of new, on-lease access road is proposed.

3. Planned Electric Lines:

E-line ROW will be provided by nearest service provider and follow existing lease roads where possible.

4. Location of Existing Wells in a One-Mile Radius - Exhibit A

A. Water wells -

None known

B. Disposal wells -

None known

C. Drilling wells -

None known

D. Producing wells -

As shown on Exhibits "A"

E. Abandoned wells -

As shown on Exhibits "A"

5. Location of Proposed Production Facilities:

If on completion this well is a producer, a tank battery will be used and the necessary production equipment will be installed at the wellsite. See production facilities layout diagram. Any changes to the facilities or off-site facilities will be accompanied by a Sundry Notice.

6. Location and Type of Water Supply:

Water will be purchased locally from a commercial source and trucked over the access roads.

7. Source of Construction Material:

If possible, native caliche will be obtained from the excavation of drill site. Topsoil will be pushed back from the drill site and existing caliche will be ripped and compacted. Then topsoil will be stockpiled on location as depicted on Exhibit "D" (rig layout). If additional material is needed, it will be purchased from a BLM-approved pit as near as possible to the well

____Surface Use Plan _ ______

Hallertau 5 Federal No. 41

Cimarex Energy Co. of Colorado Unit M, Section 5 T26S-R32E; Lea County, NM

8. Ancillary Facilities:

A. No camps or airstrips to be constructed.

9. Well Site Layout:

- A. Exhibit "D" shows location and rig layout.
- C. Mud pits in the closed circulating system will be steel pits and the cuttings will be stored in steel containment pits.
- D. Cuttings will be stored in steel pits until they are hauled to a state-approved disposal facility.
- E. If the well is a producer, those areas of the location not essential to production facilities will be reclaimed and seeded per BLM requirements.

10. Plans for Restoration of Surface:

Rehabilitation of the location will start in a timely manner after all drilling operations cease. The type of reclamation will depend on whether the well is a producer or a dry hole.

Drainage systems, if any, will be reshaped to the original configuration with provisions made to alleviate erosion. These may need to be modified in certain circumstances to prevent inundation of the location's pad and surface facilities. After the area has been shaped and contoured, topsoil from the spoil pile will be placed over the disturbed area to the extent possible. Revegetation procedures will comply with BLM standards.

If the well is a dry hole, the pad and road area will be recountoured to match the existing terrain. Topsoil will be spread to the extent possible. Revegetation will comply with BLM standards.

Should the well be a producer, those areas of the location not essential toproduction facilities and operations will be reclaimed and seeded per BLM requirements. Please see Production Facilities Layout Diagram, exhibit D-1.

11 Other Information

- A. Topography consists of a sloping plane with loose tan sands. Vegetation is mainly yucca, mesquite and shin oak.
- B. The wellsite is on surface owned by Department of the Interior, Bureau of Land Management. The land is used mainly for farming, cattle ranching, recreational use, and oil and gas production.
- C. An Archaeological survey will be conducted on the location and proposed roads, and this report will be filed with the Bureau of Land Management in the Carlsbad BLM office.
- D. There are no know dwellings within 1½ miles of this location.

Operator Certification Statement

Hallertau 5 Federal No. 4(\(\bar{4}\)

Cimarex Energy Co. of Colorado

Unit M, Section 5

T26S-R32E; Lea County, NM

Operator's Representative Cimarex Energy Co. of Colorado 600 N. Marienfeld St., Ste. 600

Midland, TX 79701

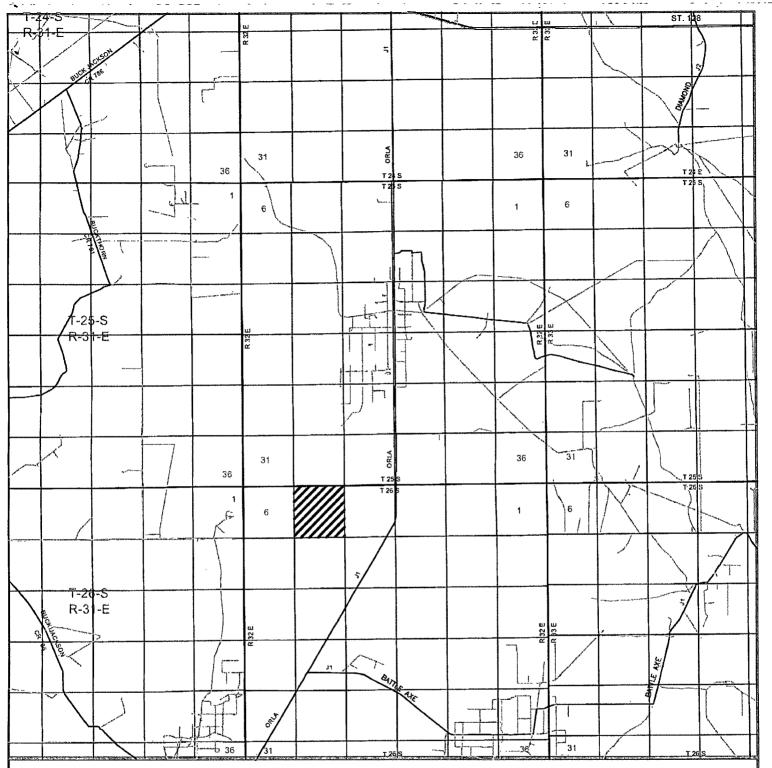
Office Phone: (432) 571-7800

Zeno Farris

CERTIFICATION: I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

Executed this 6th day of May,	2011						
NAME: 2 eno Faris							
Zeno Farris							
TITLE: Manager Operations Administration							
ADDRESS: 600 N. Marienfeld St., Ste. 600							
Midland, TX 79701							
TELEPHONE: (432) 620-1938							
EMAIL: <u>zfarris@cimarex.com</u>							
Field Representative: Same as above							

	15		17 E		Sahera, Soher Sahera	The state of the s
			Q61865	catab Sahara Da Canal San Land	Ctro des	esure Pu
(s	ا آه قت سه دُن هُ	Ųs.	. u.s.	25	32	Üsi
TO En	E.H. Romy P. 152 CU Gegelo	Eugene 14 Perry 1887 061869	Eugene H. Perry 061069	obere Sefera Com.	Saher (C) (Santa) (From Sto) (Santa) (Tetes Dily seint
		Mark		Per, "Deille"	062700 063200 05400	0.590
-23	1 24	n 9 19	20 (P. B Boss) -72	21 - 1 27 81 - 27 81 - 27	P 22	
(-) 62 43 46	55 35. 51.19.	Diff.		Panther City Inva		
. U.S.	A. 18 0.5	MAN TO THE STATE OF THE STATE O	U.S. Ai	21 W 7 U.S.	Pount Energy Targe Fet.	
i Pet 1166 i kantura 6175% 1-1-43 6548	ATO En	Chevron e a s HBF	Chevronicia	5 Schare Cyer	de l'ocan Englis Sance Pet et l'acces MEP NCT21 Jordon 062700 93213	Yates tel, mai hali Tokulti as 22
24-2		39 Braz (08 2700)	042300 5a	Jallortau F Fod #4	1 000 0 1000	
26 Milater Light	1.25	7. 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	Yotes Erta etal	Hallertau 5 Fed #4		26
्त्री ्री १०४१३	19679	approximately and the second	86 [™]	Siema-1,154 D#17/ In) 18 64		the state of the s
(1) <u>(1)</u>	2 2 YU-5	Company Suntage Company	U.S. viont) Fea.	u.s.	1 1 1 100 1 100 1 10 10 10 10 10 10 10 1	143
The state of the s	Yeles Pelatial Yeles Fel real	18106314 (1.10)	(Continented) HBP E-5009	Peggy Jeanings ABP Dayarsa Weshyled Jeaningsree 10 4658	Onio America Sunanno Pegurea 1345 11 4414 Burner Sunanno Sunan	
38	177.22	Section Section From the Section Secti	R.C.Grajism	Tennings Fed	The Allar	
0	36	7 10 10 10 10 10 10 10 10 10 10 10 10 10	32	33 Westores Jonathy Jun Charles June 1907 June 1908	Terris (119) 34 (11 10) 10 10 10 (11 10) 10 10 10 (12 10) 10 10 10 (12 10) 10 10 10 10 10 10 10 10 10 10 10 10 10	
ນໍ່ເຮົາ	<i>x</i> ;	404	Hillighacher patt gen Dagen Dagen	Congress to available to the congress to available to av	And the second s	
tea Pet	Man ship!		31606	O. C. Nacional	Ar makes	0.3
re-830	San that f E-Window (6 1 - 60 - 6 - 79 f 72 % (4) 0 - 6	7.55000 0	Front firing Controlled In 4576 And 344 Gz	ebunen Du P Declari nien End space 1 space 2 ske essens Majader Pt un an Fad	Wester Grid	Continen William Cook
		# 10 E 1 S 2 T 1 T 1 T 1 T 1 T 1 T 1 T 1 T 1 T 1 T	Naxudar fer.	1939 CONT CHAIR MENT CONTROL OF C	Binghtork triansers	
2 2 10 ass ₂ , as a 1s	Hause Prop. W. I. Join Brenin Komanog	6	12920 2 Hill Merkler	Magna Hamfertollane		
Age Shell	Mrs. Hardin Rass	(46852) (2007)	1 2 1 2 1 2006)		NO THE STATE OF TH	
State	10.3	W. M. C. Call. 10's	Ulsa aso	Wagner Husbert	Gni west radhiy	haiser-Francis
id Trick, it. D fin ist	DelânEne: Vi VID Est Estas	Teoria 7	12006 (230 mg.) 250 mg.	GMagnum Huster IV cri Vesters IV.g. HRF: 2397082	The interest of the interest o	A A BIA OR W
		Te in Temperature in the second of the secon	Merci (marina)		Division of	
	EOG Res. 1 504 P. 17 17225 16 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	thingson Harry Confire ed	Teroco (1225) Equipos	Jewen Ener Jegen 1 1 2015 Child Massen 13 17 Child Massen 14 17 Child		
0 4 2 5 56		The street of th	17 1 2010 Nondand 11 100560 100560 100560	received 1275 Pg. 107 US	Tax cert	
ECS Res	EOS Res. Press W BP Setts Titte same	### A Science Oper Le Certifices lang Ener	Cristings Sep Sep 3 (Children Sep	R H.Forrest Jr.	Betty Annual Control	Salar And Control
327130	# B P #6053005 *********************************	Michaelton 00 27 49	062749A 050781	PARE Holls Hosportolog 3,613620 104534 Dwieessterreigs		
14	, 13	The state of the s		ministrate (high) had r silia Territo (6 Coclus silia (coclus		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1		All Land and	Will the r. mall and rest	Corner Corner	Brantita	
V \$	• 12.5 .	1 Names in Fact	Continues Stay Stay	26	32	LUL
IGRES.	Aghren Coze	Gung tempera and the	Sonara Bara Ca : 1915 Crists Carolina (Carolina Carolina	aride Arc.	Gri, weel'n Dila.	Chevron
I B P KATHE	geratt	18 1976571	Exhibit A – One-Mile Radius Map		0.05562	27804
23	24	JULY The Same	Hallertau 5 Federal No. 4 Cimarex Energy Co. of Colorado		22	23
	الا الالا الالالالالالالالالالالالالالال	Ossan A	5-26S-32E	Joiorado	HED Configures 125pg Rose (18)	
الله الله الله الله الله الله الله الله		The state of the s	SHL 350 FSL & 660			
	Hanson Q1 15 15 15 15 15 15 15	E HOLL	BHL 330 FNL & 660	t e e e e e e e e e e e e e e e e e e e	H.O. Ellion	Condidies Ray S
	6.82.82 6.82.82		Lea County, NN	1	Cio Well Ve	27500 V.S.
1 parte et	ا و ۱۰ ه	Property of the second	data Lal Properti	16. 15. 1	LEGIZAS AMBRICAS	The second second



HALLERTAU "5" FEDERAL #4H Located 350' FSL and 660' FWL Section 5, Township 26 South, Range 32 East, N.M.P.M., Lea County, New Mexico.



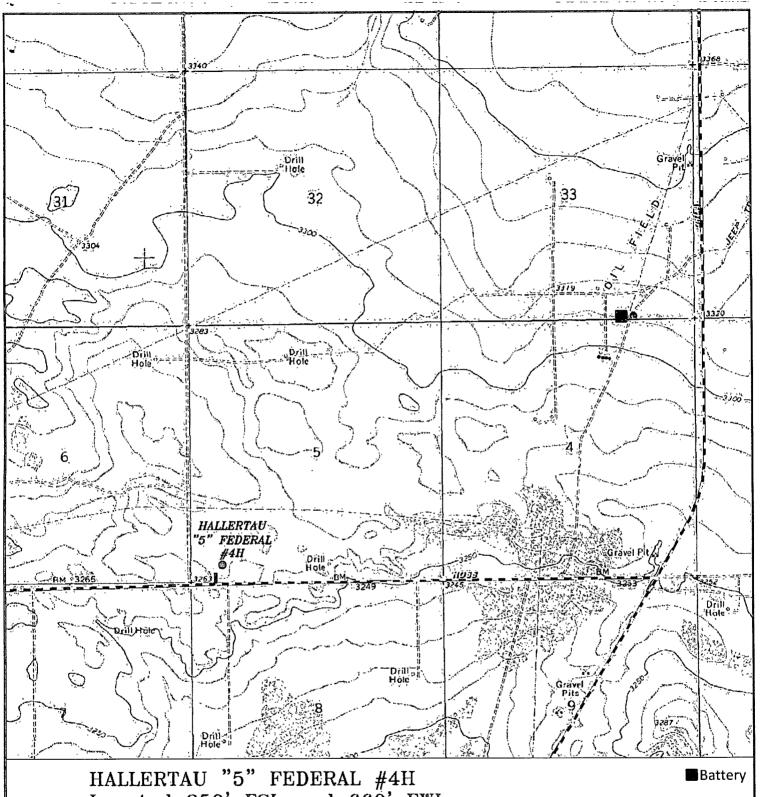
P.O. Box 1786 1120 N. West County Rd. Hobbs, New Mexico 88241 (575) 393-7316 - Office (575) 392-2206 - Fax basinsurveys.com W.O. Number: JMS 24497

Survey Date: 05-02-2011

Scale: 1" = 2 Miles

CIMAREX ENERGY CO. OF COLORADO

Date: 05-04-2011



HALLERTAU "5" FEDERAL #4H Located 350' FSL and 660' FWL Section 5, Township 26 South, Range 32 East, N.M.P.M., Lea 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 24497

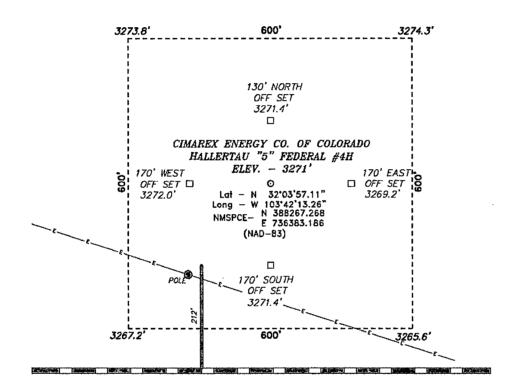
Survey Date: 05-02-2011

Scale: 1" = 2000'

Date: 05-04-2011

CIMAREX ENERGY CO. OF COLORADO SECTION 5, TOWNSHIP 26 SOUTH, RANGE 32 EAST, N.M.P.M., LEA COUNTY.

NEW MEXICO.



Directions to Location:

FROM THE JUNCTION OF ORLA AND ROSS, GO WEST ON ROSS FOR 1.8 MILES TO PROPOSED LEASE ROAD.

SCALE: 1" = 200'

CIMAREX ENERGY CO. OF COLORADO

REF: HALLERTAU "5" FEDERAL #4H / WELL PAD TOPO

THE HALLERTAU "5" FEDERAL #4H LOCATED 350'

FROM THE SOUTH LINE AND 660 FROM THE WEST LINE OF

SECTION 5, TOWNSHIP 26 SOUTH, RANGE 32 EAST,

N.M.P.M., LEA COUNTY, NEW MEXICO.

05-02-2011 Sheet 1 of 1 Sheets

200

400 FEET

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

W.O. Number: 24497 Drawn By: J. SMALL

Date: 05-04-2011 Disk: JMS 24497

200

Survey Date: 05-02-2011