

Submit To Appropriate Regulatory Agency

State Lease - 6 copies

Fee Lease - 5 copies

District I

1625 N French Dr., Hobbs, NM 88240

District II

1301 W Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Lordsburg, NM 88050

District IV

1220 S St Francis Dr., Santa Fe, NM 87505

RECEIVED

DEC 9 2008

HOBBSOCD

State of New Mexico

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-105

Revised June 10, 2003

WELL API NO.

30-025-38488

5. Indicate Type of Lease

STATE ☐ FEE ☒

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒ GAS WELL ☐ DRY ☒ OTHER Shut in for evaluation

b. Type of Completion:

NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. ☐

WELL ☐ OVER ☐ BACK ☐ RESVR. ☐ OTHER ☐

2. Name of Operator

Cimarex Energy Co. (215099)

3. Address of Operator

PO Box 140907; Irving, TX 75014-0907

4. Well Location

SHL: Unit Letter A : 430 Feet From The North Line and 430 Feet From The East Line

BHL: Unit Letter H : 2271 Feet From The North Line and 419 Feet From The East Line

Section 13 Township 15S Range 37E NMPM County Lea

10. Date Spudded

09-21-07

11. Date T.D. Reached

11-10-07

12. Date Compl. (Ready to Prod.)

Well SI for evaluation

13. Elevations (DF& RKB, RT, GR, etc.)

3776' GR

14. Elev. Casinghead

15. Total Depth

Pilot Hole 9825'

MD 11224'

TVD 9398'

16. Plug Back T.D.

MD 11202'

TVD 9398'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

Rotary

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

No producing interval - well SI for evaluation

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

Porosity and Resistivity

22. Was Well Cored

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48	622'	17 1/2"	530 sx, TOC 0'	
8 5/8"	32	4531'	11"	1026 sx, TOC 0'	
5 1/2"	17	9825'	7 7/8"	1092 sx, TOC 1250'	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
2 7/8"	***9710'	11202'	PEAK, no cement	***Note, tried to pull liner, only pulled to 9710' (1 st port), rest of liner is still in the lateral hole.

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number)

Peak Liner used (Iso-Ports, Iso-Packers)

Multi staged frac.

Stage 1: 10772'-11202'

Stage 2: 10344'-10772'

Stage 3: 9946'-10344'

State 4: 9449'-9946'

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
10772'-11202'	1000g Slick 15% HCl NeFe, 7500g SIWtr, 17000g Deepspot 15% HCl, 4000g gelled 15% HCl
10344'-10772'	1000g Slick 15% HCl NeFe, 7500g SIWtr, 16000g Deepspot 15% HCl, 8000g gelled 15% HCl
9946'-10344'	1000g Slick 15% HCl NeFe, 7500g SIWtr, 15000g Deepspot 15% HCl, 6000g gelled 15% HCl
9449'-9946'	1000g Slick 15% HCl NeFe, 14375g SIWtr, 18500g Deepspot 15% HCl, 8000g gelled 15% HCl

28. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
		Shut in for evaluation
Date of Test	Hours Tested	Choke Size
Flow Tubing Press.	Casing Pressure	Calculated 24 Hour Rate
Oil - Bbl.	Gas - MCF	Water - Bbl.
Oil Gravity - API - (Corr.)		

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Test Witnessed By

30. List Attachments

Deviation Report, Peak assembly diagram, Directional Survey, C-102

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

Signature Natalie Krueger Printed Name Natalie Krueger Title Regulatory Analyst Date 12/5/2008

E-mail Address nkruieger@cimarex.com

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Abo Shale 8287'	T. Ojo Alamo	T. Penn. "B"
T. Rustler 2170'	T. Wolfcamp 971388'	T. Kirtland-Fruitland	T. Penn. "C"
T. Tansill 2751'	T. Wolfcamp B	T. Pictured Cliffs	T. Penn. "D"
T. Yates 3167'	T. Cisco	T. Cliff House	T. Leadville
T. 7 Rivers 3351'	T. Canyon	T. Menefee	T. Madison
T. Queen 3955'	T. Strawn	T. Point Lookout	T. Elbert
T. Grayburg 4233'	T. Atoka	T. Mancos	T. McCracken
T. San Andres 4449'	T. Miss	T. Gallup	T. Ignacio Otzte
T. Glorieta 6756'	T. Devonian	B. Greenhorn	T. Granite
T. Paddock	T. Silurian	T. Dakota	T.
T. Blinbry 6970'	T. Montoya	T. Morrison	
T. Tubb 7586'	T. Simpson	T. Todilto	
T. Drinkard 7818'	T. McKee	T. Entrada	
T. Bone Spring	T. Ellenburger	T. Wingate	
T. FBSS	T. Gr. Wash	T. Chinle	
T. SBSS	T. Morrow	T. Permian	
T. TBSS		T. Penn "A"	

OIL OR GAS SANDS OR ZONES

No. 3, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

Results of Directional Survey

API number:	30-025-38488		
OGRID:		Operator:	CIMAREX ENERGY CO
		Property:	SHERMAN 13 FEE # 3

surface

ULSTR:	A	13	T	15S	R	37E
		430	FNL	430	FEL	

BH Loc

ULSTR:	H	13	T	15S	R	37E
		2271	FNL	419	FEL	

	MD	N/S	E/W	VD
	9443	-62.54	0.62	9383.67
TOP PERFS/OH	9449	-68.30	0.78	9385.34
	9458	-76.94	1.03	9387.85
	11156	-1773.46	6.39	9398.61
BOT PERFS/OH	11224	-1841.31	10.90	9397.72
	11188	-1805.39	8.51	9398.19

NEXT TO LAST	11156	-1773.46	6.39	9398.61
LAST READING	11188	-1805.39	8.51	9398.19
TD	11224	-1841.31	10.90	9397.72

Surface Location	430	FN	430	FE
Projected BHL	2271	FN	419	FE
Location of				
Top Perfs/OH	498	FN	429	FE
Bottom Perfs/OH	2271	FN	419	FE

SUMMARY of Subsurface Locations

Surface Location	A-13-15S-37E	430	FN	430	FE	Vert. Depth
Top Perfs/OH	A-13-15S-37E	498	FN	429	FE	9385.34
Bottom Perfs/OH	H-13-15S-37E	2271	FN	419	FE	9397.72
Projected TD	H-13-15S-37E	2271	FN	419	FE	9397.72