

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W Grand Avenue, Mesita, 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 Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505		Form C-105 Revised June 10, 2003									
		WELL API NO. 30-025-38541		5. Indicate Type of Lease STATE ☐ FEE ☒									
		State Oil & Gas Lease No.		7. Lease Name or Unit Agreement Name Yale 18 Fee									
WELL COMPLETION OR RECOMPLETION REPORT AND LOG													
1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☒ OTHER <u>Shut in for evaluation</u> b. Type of Completion: NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. WELL OVER BACK RESVR. ☐ OTHER				8. Well No. 001									
2. Name of Operator Cimarex Energy Co. (215099)				9. Pool name or Wildcat Denton; Wolfcamp									
3. Address of Operator PO Box 140907; Irving, TX 75014-0907				4. Well Location SHL: Unit Letter <u>E</u> : <u>2060</u> Feet From The <u>North</u> Line and <u>430</u> Feet From The <u>West</u> Line BHL: Unit Letter <u>D</u> : <u>442</u> Feet From The <u>North</u> Line and <u>435</u> Feet From The <u>West</u> Line Section <u>18</u> Township <u>15S</u> Range <u>38E</u> NMPM County <u>Lea</u>									
10. Date Spudded 08-19-07		11. Date T.D. Reached 12-07-07		12. Date Compl. (Ready to Prod.) Well SI for evaluation									
13. Elevations (DF& RKB, RT, GR, etc.) 3771' GR		14. Elev. Casinghead		15. Total Depth Pilot Hole 9836' MD 10959' TVD 9430'									
16. Plug Back T.D. MD 10900' TVD 9433'		17. If Multiple Compl. How Many Zones?		18. Intervals Drilled By Rotary Tools Rotary									
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									
13 3/8"		48		625'									
8 5/8"		32		4590'									
5 1/2"		17		9836'									
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED									
17 1/2"		480 sx, TOC 0'											
12 1/4"		1620 sx, TOC 0'											
7 7/8"		800 sx, TOC 8000'											
24. LINER RECORD													
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN									
2 7/8"	9023'	10900'	PEAK, no cement										
25. TUBING RECORD													
SIZE	DEPTH SET	PACKER SET											
2 7/8"	8969'												
26. Perforation record (interval, size, and number) Peak Liner Assembly used (Iso-Ports and Iso-Packers) Multi staged frac. Stage 1: 10764'-10900' Stage 2: 10299'-10764' Stage 3: 9801'-10299'													
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>10764'-10900'</td> <td>12144 gal 15% NeFe HCl & 4651 gal 15% Diverter Acid, flush w/ 4016 gal Slickwater</td> </tr> <tr> <td>10299'-10764'</td> <td>25438 gal 15% NeFe HCl & 9066 gal 15% Diverter Acid, flush w/ 4004 gal Slickwater</td> </tr> <tr> <td>9801'-10299'</td> <td>29412 gal 15% NeFe HCl & 9534 gal 15% Diverter Acid, flush w/ 12829 gal Slickwater</td> </tr> </table>						DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	10764'-10900'	12144 gal 15% NeFe HCl & 4651 gal 15% Diverter Acid, flush w/ 4016 gal Slickwater	10299'-10764'	25438 gal 15% NeFe HCl & 9066 gal 15% Diverter Acid, flush w/ 4004 gal Slickwater	9801'-10299'	29412 gal 15% NeFe HCl & 9534 gal 15% Diverter Acid, flush w/ 12829 gal Slickwater
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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	Prod'n For Test Period	Oil - Bbl	Gas - MCF								
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 <u>Natalie Krueger</u>		Printed Name <u>Natalie Krueger</u>		Title <u>Regulatory Analyst</u>	Date <u>12/5/2008</u>								
E-mail Address <u>nkrueger@cimarex.com</u>													

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	8245'	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Wolfcamp	9400'	T. Kirtland-Fruitland	T. Penn. "C"
T. Rustler	2179'	T. Wolfcamp B	T. Pictured Cliffs	T. Penn. "D"
T. Yates	3183'	T. Cisco	T. Cliff House	T. Leadville
T. 7 Rivers	3367'	T. Canyon	T. Menefee	T. Madison
T. Queen	3971'	T. Strawn	T. Point Lookout	T. Elbert
T. Grayburg	4209'	T. Atoka	T. Mancos	T. McCracken
T. San Andres	4465'	T. Miss	T. Gallup	T. Ignacio Otzte
T. Glorieta	6775'	T. Devonian	B. Greenhorn	T. Granite
T. Paddock	T. Silurian	T. Dakota	T.	
T. Blinebry	7013'	T. Montoya	T. Morrison	
T. Tubb	7589'	T. Simpson	T.Todilto	
T. Drinkard	7841'	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

From	To	Thickness In Feet	Lithology

Results of Directional Survey

API number:	30-025-38541		
OGRID:		Operator:	CIMAREX ENERGY CO
		Property:	YALE 18 FEE # 1

surface

ULSTR:	E	18	T	15S	R	38E
		2060	FNL	430	FWL	

BH Loc

ULSTR:	D	18	T	15S	R	38E
		442	FNL	425	FWL	

	MD	N/S	E/W	VD
	9775	435.79	-31.78	9436.1
TOP PERFS/OH	9801	461.76	-33.10	9435.69
	9807	467.75	-33.41	9435.60
	10880	1539.17	-4.74	9433.80
BOT PERFS/OH	10900	1559.14	-4.86	9432.83
	10911	1570.13	-4.92	9432.30

NEXT TO LAST	10880	1539.17	-4.74	9433.80
LAST READING	10911	1570.13	-4.92	9432.30
TD	10959	1618.07	-5.20	9429.98

Surface Location	2060	FN	430	FW
Projected BHL	442	FN	425	FW
Location of				
Top Perfs/OH	1598	FN	397	FW
Bottom Perfs/OH	501	FN	425	FW

SUMMARY of Subsurface Locations

Surface Location	E-18-15S-38E	2060	FN	430	FW	Vert. Depth
Top Perfs/OH	E-18-15S-38E	1598	FN	397	FW	9435.69
Bottom Perfs/OH	D-18-15S-38E	501	FN	425	FW	9432.83
Projected TD	D-18-15S-38E	442	FN	425	FW	9429.98

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