

WELL LOGS

K Z

API number:	30-025-38843			
OGRID:		Operator:	CIMAREX ENERGY CO OF COLORADO	
		Property:	CAUDILL EAST 9 FEE	# 1

surface	ULSTR:	J	9	T	15S	R	36E
			2250	FSL	2210	FEL	

BH Loc	ULSTR:	J	9	T	15S	R	36E
			2250	FSL	2210	FEL	

Ground Level:	3910	DF:	3932	KB:	3933	
Datum:	KB			TD:	10911	

Land: FEE

Completion Date: (1)

Date Logs Received:

3/18/2009

Date Logs Due in: (2)

Confidential:	NO			Date out:	
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Confidential period: 90 Days for State & Fee, 1 Year for federal

Date Due In: (1) is equal to Completion Date (1) + 20 days

Logs	Depth interval		
TD LD CN/GR	5500	10875	Three Detector Litho-Density
HRLA	5500	10875	High Resolution Laterolog
BHC	10280	10875	Borehole Compensated Sonic
	5500	10911	Hostile Natural Gamma Ray Spectroscopy

K Z

OCD TOPS

Rustler		Strawn		
Tansill		Atoka		
Yates		Morrow		
7 rvrs				
		Austin		
		Chester		
Queen		Miss Lime		
Penrose				
Grayburg				
San Andres				
Glorieta				
Paddock				
Blaine				
Tubb	7434			
Drinkard	7645			
Abo	8187			
Wolfcamp				

OPERATOR
WELL/LEASE
COUNTY

CIMAREX ENERGY COMPANY
CAUDILL 9 1 ~~1~~ ²
LEA

RIG 75

-J-9-15s-36e
2250/s & 2110/e

STATE OF NEW MEXICO
DEVIATION REPORT

30-025-38843

229	0.50
897	1.00
1,246	0.50
1,692	1.50
2,199	0.25
2,708	0.75
3,596	1.00
4,042	1.00
4,438	1.50
4,786	1.50
5,231	1.50
5,662	1.50
6,300	1.00
6,745	1.50
7,291	2.00
7,588	4.00
7,663	3.50
8,356	1.80
8,804	0.80
9,300	1.50
9,716	1.50
10,122	1.50
10,548	1.30
10,867	2.80

STATE OF TEXAS

COUNTY OF MIDLAND

BY: Steve Moore

The foregoing instrument was acknowledged before me on
Moore on behalf of Patterson-UTI Drilling Company LLC.

NOVEMBER 10, 2008, by Steve

Joni D. Hodges
Notary Public for Midland County, Texas
My Commission Expires: 4/11/11

