

Revisions to Operator-Submitted EC Data for Sundry Notice #273919

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	OTHER SR	OTHER SR
Lease:	NMLC060850	NMLC060850
Agreement:		
Operator:	CIMAREX ENERGY COMPANY 202 S. CHEYENNE AVE STE 1000 TULSA, OK 74103 Ph: 918-560-7038	CIMAREX ENERGY CO OF COLORADO 600 N. MARIENFELD STREET STE 600 MIDLAND, TX 79701 Ph: 918-560-7060
Admin Contact:	CRISTEN BURDELL REGULATORY ANALYST E-Mail: cburdell@cimarex.com Ph: 918-560-7038	CRISTEN BURDELL REGULATORY ANALYST E-Mail: cburdell@cimarex.com Ph: 918-560-7038
Tech Contact:	CRISTEN BURDELL REGULATORY ANALYST E-Mail: cburdell@cimarex.com Ph: 918-560-7038	CRISTEN BURDELL REGULATORY ANALYST E-Mail: cburdell@cimarex.com Ph: 918-560-7038
Location:		
State:	NM	NM
County:	CHAVES COUNTY	CHAVES
Field/Pool:	WILDCAT	WILDCAT
Well/Facility:	INDEPENDENCE 8 FC 2 Sec 8 T15S R31E SENE 1980FNL 330FEL	INDEPENDENCE 8 FEDERAL COM 2H Sec 8 T15S R31E SENE 1980FNL 330FEL

Wildcat Measurement Service
P.O.Box 1836
416 East Main Street
Artesia, NM 88211-1836

5/17/2014 9:30 AM
Phone: 575-746-3481
888-421-9453
Fax: 575-748-9852
dnorman@wildcatins.com

GAS ANALYSIS REPORT

Analysis For: CIMAREX ENERGY COMPANY
Field Name:
Well Name: INDEPENDENCE "8" FC #2 FUEL
Station Number: NFW9742023
Purpose: SEMI-ANNUAL
Sample Deg. F: 51.6
Volume/Day:
Formation:
Line PSIG: 73.8
Line PSIA: 87.0

Run No: 2140430-34
Date Run: 04/30/2014
Date Sampled: 04/14/2014
Producer: CIMAREX ENERGY CO.
County: CHAVES
State: NM
Sampled By: DEREK SAUDER
Atmos Deg. F: 38.4

GAS COMPONENTS			
		MOL%	GPM
Oxygen	O2:	0.0000	
Carbon Dioxide	CO2:	0.1369	
Nitrogen	N2:	3.0477	
Hydrogen Sulfide	H2S:	0.0000	
Methane	C1:	63.6985	
Ethane	C2:	17.8307	4.7674
Propane	C3:	10.0545	2.7693
Iso-Butane	IC4:	1.1104	0.3633
Nor-Butane	NC4:	2.4276	0.7649
Iso-Pentane	IC5:	0.4453	0.1628
Nor-Pentanes	NC5:	0.4206	0.1524
Hexanes Plus	C6+:	0.8284	0.3601
Totals		100.0000	9.3403

Pressure Base: 14.730
Real BTU Dry: 1414.405
Real BTU Wet: 1389.851
Calc. Ideal Gravity: 0.8418
Calc. Real Gravity: 0.8455
Field Gravity:
Standard Pressure: 14.696
Ideal BTU Dry: 1404.335
Ideal BTU Wet: 1379.900
Z Factor: 0.9952
Average Mol Weight: 24.3806
Average CuFt/Gal: 52.4125
26 lb. Product: 1.0422
Ethane+ GPM: 9.3403
Propane+ GPM: 4.5729
Butane+ GPM: 1.8036
Pentane+ GPM: 0.6754

Remarks:
H2S IN GAS STREAM ON LOCATION: NONE DETECTED

Analysis By: Don Norman