

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
1301 W. Grand Avenue, Artesia, 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 Department

Form C-102
Revised October 12, 2005

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

AMENDED REPORT

MAY - 2 2008

ARTESIA

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-36312	Pool Code 97019	Well Name Abo Wildcat
Property Code 37150	Property Name ROST "32" STATE COM	Well Number 1
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3644'

Surface Location

UL or lot No	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	32	16 S	29 E		660	NORTH	330	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	32	16 S	29 E		660	NORTH	330	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160		P	

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SHL & Penetration Point Abo E0-0785-0002 SURFACE LOCATION Lat - N32°53'00.89" Long - W104°06'16.33" NMSPCE- N 685263.054 E 611573.417 (NAD-83)	BHL B0-2175-0017 BOTTOM HOLE LOCATION Lat - N32°53'00.87" Long - W104°05'22.15" NMSPCE- N 685264.989 E 616193.869 (NAD-83)	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Zeno Farris</i> 05-01-08 Signature Date Zeno Farris Printed Name
SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. MARCH 17, 2008 Date Surveyed <i>Gary L. Jones</i> Signature of Professional Surveyor W.O. No. 19387 Certificate No. Gary L. Jones 7977 BASIN SURVEYS		

Rost 32 State Com No. 1

Cimarex Energy Co. of Colorado

Unit D, Section 32

T16S-R29E, Eddy County, NM

MAY - 2 2008
OCD-ARTESIA

Location: SHL 660' FNL & 330' FWL
BHL 660' FNL & 330' FEL

Elevation above sea level: 3,644' GR

Geologic name of surface formation: Quaternary Alluvium Deposits

Drilling tools and associated equipment: Conventional rotary drilling rig using fluid as a circulating medium for solids removal.

Proposed drilling depth: Pilot Hole 7,500' MD 11,615' TVD 7,115'

Estimated tops of geological markers:

San Andres	2,400'
Abo Shale	5,825'
Lower Abo Dolomite	7,075'
Wolfcamp	7,200'

Possible mineral bearing formation:

Abo	Oil	Primary
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Proposed Mud Circulating System:

Depth	Mud Wt	Visc	Fluid Loss	Type Mud
0' to 340'	8.4 - 8.6	28-29	May lose circ	Fresh water gel spud mud
340' to 2,500'	10.0	28-29	May lose circ	Brine Water
2,500' to 7,500'	8.4 - 9.5	29-32	NC	Fresh water and brine, use hi-vis sweeps to keep hole clean
6,877' to MD 11,615' TVD 7,115'	8.4 - 9.5	29-33	NC	2% KCL

Sufficient mud materials will be kept on location at all times in order to combat lost circulation, or unexpected kicks. In order to run DSTs, open hole logs, and casing, the viscosity and water loss may have to be adjusted in order to meet these needs. Mud system monitoring equipment with derrick floor indicators and visual/audio alarms shall be installed and operative prior to drilling into the Wolfcamp formation. This equipment will remain in use until production casing is run and cemented.

Proposed drilling Plan:

Drill 8 $\frac{3}{4}$ " hole to 7,500' (pilot hole) and cement (see page 2 - Application to Drill). Set whipstock plug @ 6,895.' Mill window from 6,880' to 6,890.' Kick off 6 $\frac{1}{8}$ " lateral @ 6,885.' Drill 6 $\frac{1}{8}$ " hole to MD 11,615' and TVD 7,115.'

Strata-Pak RSBP @ 6,777' (TOL). Install 4 $\frac{1}{2}$ " **Peak Completion Assembly**, 500' of BTC from TOL through the curve (6,777' to 7,277') and LTC thereafter to TD (7,277' to 11,615'). Liner length: 4,838.' Lateral length 4,621.'

Rost 32 State Com No. 1

Cimarex Energy Co. of Colorado

Unit D, Section 32

T16S-R29E, Eddy County, NM

Casing & Cementing Program:

Hole Size	Depth		Casing OD		Weight	Thread	Collar	Grade
17½"	0	to 340'	New	13¾"	48#	8-R	STC	H-40
12¼"	0	to 2,500'	New	9¾"	40#	8-R	LTC	J-55
8¾"	0	to 7,500'	New	7"	26#	8-R	LTC	P-110
6¾"	6777	to MD 11,615' TVD 7,115'	New	4½"	11.6#	8-R	LTC/BTC	P-110

Cementing & Setting Depth:**Surface** Lead: 110 sx Light Premium Plus + 0.125# Poly-e-flake + 1% CaCl₂ (wt 14.2, yld 1.34)Tail: 220 sx Premium Plus + 2% CaCl₂ (wt 14.8, yld 1.34)

TOC Surface

Intermediate Lead: 450 sx Interfill C + 0.125# Poly-e-flake (wt 11.9, yld 2.46)Tail: 215 sx Premium Plus + 1% CaCl₂ (wt 14.8, yld 1.34)

TOC Surface

Pilot Hole 615 sx Super H + 0.5% Halad-344 + 0.4% CFR-3 + 1# Salt + 5# Gilsonite + 0.125# Poly-e-flake
+ 0.35% HR-7 (wt 13.0, yld 1.67)**TOC 2,300'****Liner** No cement needed. Peak completion assembly.Pressure control Equipment:

Exhibit "E". A 13¾" 5000 PSI working pressure B.O.P. consisting of one set of blind rams and one set of pipe rams and a 5000 # annular type preventer. A choke manifold and 120 gallon accumulator with floor and remote operating stations and auxiliary power system. Rotating head below 6000'. A kelly cock will be installed and maintained in operable condition and a drill string safety valve in the open position will be available on the rig floor.

BOP unit will be hydraulically operated. BOP will be nipped up and operated at least once a day while drilling and the blind rams will be operated when out of hole during trips. No abnormal pressure or temperature is expected while drilling. From the base of the surface pipe through the running of production casing, the well will be equipped with a 5000 psi BOP system.

We are requesting a variance for testing the 13¾" surface casing from Onshore Order No. 2, which states that all casing strings below the conductor shall be pressure tested to 0.22 psi per foot or 1500 psi, whichever is greater, but not to exceed 70% of the manufacturer's stated maximum internal yield. We are requesting to test the 13¾" casing to 1000 psi using rig pumps. The BOP will be tested to 5000 PSI by an independent service company.



Planned Wellpath Report

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**BAKER
HUGHES**

MAY - 2 2008
OCD-ANISQ

REFERENCE WELLPATH IDENTIFICATION

Operator	Cimarex Energy Co.	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Rost) Section 32, T16S, R29E	Wellbore	No. 1H PWB
Facility	Rost 32 ST COM No. 1H		

REPORT SETUP INFORMATION

Projection System	NAD83 / TM New Mexico State Planes, Eastern Zone (3001), US feet	Software System	WellArchitect® 2.0
North Reference	Grid	User	Victor Hernandez
Scale	0.999915	Report Generated	4/23/2008 at 11:22:13 AM
Convergence at slot	0.12° East	Database/Source file	WA_Midland/No. 1H_PWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[USft]	Northing[USft]	Latitude	Longitude
Slot Location	0.00	0.00	611573.42	685263.05	32°53'00.954"N	104°06'16.330"W
Facility Reference Pt			611573.42	685263.05	32°53'00.954"N	104°06'16.330"W
Field Reference Pt			611573.42	685263.05	32°53'00.954"N	104°06'16.330"W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig on No. 1H SHL (RT) to Facility Vertical Datum	18.00ft
Horizontal Reference Pt	Facility Center	Rig on No. 1H SHL (RT) to Mean Sea Level	3662.00ft
Vertical Reference Pt	Rig on No. 1H SHL (RT)	Facility Vertical Datum to Mud Line (Facility)	0.00ft
MD Reference Pt	Rig on No. 1H SHL (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	89.98°



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INTEQ

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Facility	Rost 32 ST COM No. 1H		

WELLPATH DATA (122 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00	0.000	89.976	0.00	0.00	0.00	0.00	0.00	Tie On
100.00†	0.000	89.976	100.00	0.00	0.00	0.00	0.00	
200.00†	0.000	89.976	200.00	0.00	0.00	0.00	0.00	
300.00†	0.000	89.976	300.00	0.00	0.00	0.00	0.00	
400.00†	0.000	89.976	400.00	0.00	0.00	0.00	0.00	
500.00†	0.000	89.976	500.00	0.00	0.00	0.00	0.00	
600.00†	0.000	89.976	600.00	0.00	0.00	0.00	0.00	
700.00†	0.000	89.976	700.00	0.00	0.00	0.00	0.00	
800.00†	0.000	89.976	800.00	0.00	0.00	0.00	0.00	
900.00†	0.000	89.976	900.00	0.00	0.00	0.00	0.00	
1000.00†	0.000	89.976	1000.00	0.00	0.00	0.00	0.00	
1100.00†	0.000	89.976	1100.00	0.00	0.00	0.00	0.00	
1200.00†	0.000	89.976	1200.00	0.00	0.00	0.00	0.00	
1300.00†	0.000	89.976	1300.00	0.00	0.00	0.00	0.00	
1400.00†	0.000	89.976	1400.00	0.00	0.00	0.00	0.00	
1500.00†	0.000	89.976	1500.00	0.00	0.00	0.00	0.00	
1600.00†	0.000	89.976	1600.00	0.00	0.00	0.00	0.00	
1700.00†	0.000	89.976	1700.00	0.00	0.00	0.00	0.00	
1800.00†	0.000	89.976	1800.00	0.00	0.00	0.00	0.00	
1900.00†	0.000	89.976	1900.00	0.00	0.00	0.00	0.00	
2000.00†	0.000	89.976	2000.00	0.00	0.00	0.00	0.00	
2100.00†	0.000	89.976	2100.00	0.00	0.00	0.00	0.00	
2200.00†	0.000	89.976	2200.00	0.00	0.00	0.00	0.00	
2300.00†	0.000	89.976	2300.00	0.00	0.00	0.00	0.00	
2400.00†	0.000	89.976	2400.00	0.00	0.00	0.00	0.00	SAN ANDRES
2500.00†	0.000	89.976	2500.00	0.00	0.00	0.00	0.00	
2600.00†	0.000	89.976	2600.00	0.00	0.00	0.00	0.00	
2700.00†	0.000	89.976	2700.00	0.00	0.00	0.00	0.00	
2800.00†	0.000	89.976	2800.00	0.00	0.00	0.00	0.00	
2900.00†	0.000	89.976	2900.00	0.00	0.00	0.00	0.00	
3000.00†	0.000	89.976	3000.00	0.00	0.00	0.00	0.00	
3100.00†	0.000	89.976	3100.00	0.00	0.00	0.00	0.00	
3200.00†	0.000	89.976	3200.00	0.00	0.00	0.00	0.00	
3300.00†	0.000	89.976	3300.00	0.00	0.00	0.00	0.00	
3400.00†	0.000	89.976	3400.00	0.00	0.00	0.00	0.00	
3500.00†	0.000	89.976	3500.00	0.00	0.00	0.00	0.00	
3600.00†	0.000	89.976	3600.00	0.00	0.00	0.00	0.00	
3700.00†	0.000	89.976	3700.00	0.00	0.00	0.00	0.00	
3800.00†	0.000	89.976	3800.00	0.00	0.00	0.00	0.00	
3900.00†	0.000	89.976	3900.00	0.00	0.00	0.00	0.00	
4000.00†	0.000	89.976	4000.00	0.00	0.00	0.00	0.00	
4100.00†	0.000	89.976	4100.00	0.00	0.00	0.00	0.00	
4200.00†	0.000	89.976	4200.00	0.00	0.00	0.00	0.00	
4300.00†	0.000	89.976	4300.00	0.00	0.00	0.00	0.00	
4400.00†	0.000	89.976	4400.00	0.00	0.00	0.00	0.00	



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REFERENCE WELLPATH IDENTIFICATION

Operator	Cimarex Energy Co.	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Rost) Section 32, T16S, R29E	Wellbore	No. 1H PWB
Facility	Rost 32 ST COM No. 1H		

WELLPATH DATA (122 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
4500.00†	0.000	89.976	4500.00	0.00	0.00	0.00	0.00	
4600.00†	0.000	89.976	4600.00	0.00	0.00	0.00	0.00	
4700.00†	0.000	89.976	4700.00	0.00	0.00	0.00	0.00	
4800.00†	0.000	89.976	4800.00	0.00	0.00	0.00	0.00	
4900.00†	0.000	89.976	4900.00	0.00	0.00	0.00	0.00	
5000.00†	0.000	89.976	5000.00	0.00	0.00	0.00	0.00	
5100.00†	0.000	89.976	5100.00	0.00	0.00	0.00	0.00	
5200.00†	0.000	89.976	5200.00	0.00	0.00	0.00	0.00	
5300.00†	0.000	89.976	5300.00	0.00	0.00	0.00	0.00	
5400.00†	0.000	89.976	5400.00	0.00	0.00	0.00	0.00	
5500.00†	0.000	89.976	5500.00	0.00	0.00	0.00	0.00	
5600.00†	0.000	89.976	5600.00	0.00	0.00	0.00	0.00	
5700.00†	0.000	89.976	5700.00	0.00	0.00	0.00	0.00	
5800.00†	0.000	89.976	5800.00	0.00	0.00	0.00	0.00	
5825.00†	0.000	89.976	5825.00	0.00	0.00	0.00	0.00	ABO SHALE
5900.00†	0.000	89.976	5900.00	0.00	0.00	0.00	0.00	
6000.00†	0.000	89.976	6000.00	0.00	0.00	0.00	0.00	
6100.00†	0.000	89.976	6100.00	0.00	0.00	0.00	0.00	
6200.00†	0.000	89.976	6200.00	0.00	0.00	0.00	0.00	
6300.00†	0.000	89.976	6300.00	0.00	0.00	0.00	0.00	
6400.00†	0.000	89.976	6400.00	0.00	0.00	0.00	0.00	
6500.00†	0.000	89.976	6500.00	0.00	0.00	0.00	0.00	
6600.00†	0.000	89.976	6600.00	0.00	0.00	0.00	0.00	
6700.00†	0.000	89.976	6700.00	0.00	0.00	0.00	0.00	
6800.00†	0.000	89.976	6800.00	0.00	0.00	0.00	0.00	
6885.00	0.000	89.976	6885.00	0.00	0.00	0.00	0.00	KOP
6900.00†	4.500	89.976	6899.98	0.59	0.00	0.59	30.00	
7000.00†	34.500	89.976	6993.18	33.59	0.01	33.59	30.00	
7100.00†	64.500	89.976	7057.38	108.76	0.05	108.76	30.00	
7165.59†	84.176	89.976	7075.00	171.60	0.07	171.60	30.00	LOWER ABO DOLOMITE
7183.32	89.496	89.976	7075.98	189.30	0.08	189.30	30.00	EOC
7200.00†	89.496	89.976	7076.13	205.99	0.09	205.99	0.00	
7300.00†	89.496	89.976	7077.01	305.98	0.13	305.98	0.00	
7400.00†	89.496	89.976	7077.89	405.98	0.17	405.98	0.00	
7500.00†	89.496	89.976	7078.77	505.97	0.21	505.97	0.00	
7600.00†	89.496	89.976	7079.65	605.97	0.25	605.97	0.00	
7700.00†	89.496	89.976	7080.53	705.97	0.30	705.97	0.00	
7800.00†	89.496	89.976	7081.41	805.96	0.34	805.96	0.00	
7900.00†	89.496	89.976	7082.29	905.96	0.38	905.96	0.00	
8000.00†	89.496	89.976	7083.17	1005.95	0.42	1005.95	0.00	
8100.00†	89.496	89.976	7084.05	1105.95	0.46	1105.95	0.00	
8200.00†	89.496	89.976	7084.93	1205.95	0.51	1205.95	0.00	
8300.00†	89.496	89.976	7085.81	1305.94	0.55	1305.94	0.00	
8400.00†	89.496	89.976	7086.69	1405.94	0.59	1405.94	0.00	
8500.00†	89.496	89.976	7087.57	1505.93	0.63	1505.93	0.00	



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Operator	Cimarex Energy Co.	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Rost) Section 32, T16S, R29E	Wellbore	No. 1H PWB
Facility	Rost 32 ST COM No. 1H		

WELLPATH DATA (122 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
8600.00†	89.496	89.976	7088.45	1605.93	0.67	1605.93	0.00	
8700.00†	89.496	89.976	7089.33	1705.93	0.72	1705.93	0.00	
8800.00†	89.496	89.976	7090.21	1805.92	0.76	1805.92	0.00	
8900.00†	89.496	89.976	7091.09	1905.92	0.80	1905.92	0.00	
9000.00†	89.496	89.976	7091.97	2005.92	0.84	2005.92	0.00	
9100.00†	89.496	89.976	7092.85	2105.91	0.88	2105.91	0.00	
9200.00†	89.496	89.976	7093.74	2205.91	0.93	2205.91	0.00	
9300.00†	89.496	89.976	7094.62	2305.90	0.97	2305.90	0.00	
9400.00†	89.496	89.976	7095.50	2405.90	1.01	2405.90	0.00	
9500.00†	89.496	89.976	7096.38	2505.90	1.05	2505.90	0.00	
9600.00†	89.496	89.976	7097.26	2605.89	1.09	2605.89	0.00	
9700.00†	89.496	89.976	7098.14	2705.89	1.14	2705.89	0.00	
9800.00†	89.496	89.976	7099.02	2805.88	1.18	2805.88	0.00	
9900.00†	89.496	89.976	7099.90	2905.88	1.22	2905.88	0.00	
10000.00†	89.496	89.976	7100.78	3005.88	1.26	3005.88	0.00	
10100.00†	89.496	89.976	7101.66	3105.87	1.30	3105.87	0.00	
10200.00†	89.496	89.976	7102.54	3205.87	1.35	3205.87	0.00	
10300.00†	89.496	89.976	7103.42	3305.87	1.39	3305.86	0.00	
10400.00†	89.496	89.976	7104.30	3405.86	1.43	3405.86	0.00	
10500.00†	89.496	89.976	7105.18	3505.86	1.47	3505.86	0.00	
10600.00†	89.496	89.976	7106.06	3605.85	1.51	3605.85	0.00	
10700.00†	89.496	89.976	7106.94	3705.85	1.56	3705.85	0.00	
10800.00†	89.496	89.976	7107.82	3805.85	1.60	3805.85	0.00	
10900.00†	89.496	89.976	7108.70	3905.84	1.64	3905.84	0.00	
11000.00†	89.496	89.976	7109.58	4005.84	1.68	4005.84	0.00	
11100.00†	89.496	89.976	7110.47	4105.83	1.72	4105.83	0.00	
11200.00†	89.496	89.976	7111.35	4205.83	1.77	4205.83	0.00	
11300.00†	89.496	89.976	7112.23	4305.83	1.81	4305.83	0.00	
11400.00†	89.496	89.976	7113.11	4405.82	1.85	4405.82	0.00	
11500.00†	89.496	89.976	7113.99	4505.82	1.89	4505.82	0.00	
11600.00†	89.496	89.976	7114.87	4605.81	1.93	4605.81	0.00	
11615.04	89.496	89.976	7115.00 ¹	4620.85	1.94	4620.85	0.00	No. 1H BHL



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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	Cimarex Energy Co.	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Rost) Section 32, T16S, R29E	Wellbore	No. 1H PWB
Facility	Rost 32 ST COM No. 1H		

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shape
1) No. 1H BHL	11615.04	7115.00	1.94	4620.85	616193.87	685264.99	32°53'00.871"N	104°05'22.145"W	point

SURVEY PROGRAM Ref Wellbore: No. 1H PWB Ref Wellpath: Preliminary

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
18.00	11615.04	NaviTrak (Standard)		No. 1H PWB



Cimarex Energy Co. of Colorado

5215 North O'Connor Blvd. ♦ Suite 1500 ♦ Irving, TX 75039 ♦ (972) 401-3111 ♦ Fax (972) 443-6486

Mailing Address: P.O. Box 140907 ♦ Irving, TX 75014-0907

A subsidiary of Cimarex Energy Co. • A NYSE Listed Company • "XEC"

May 1, 2008

MAY - 2 2008

OCD-ARTESIA

Oil Conservation Division
District II Office
1301 W. Grand Ave.
Artesia, New Mexico 88210
Attn: Ms. Kimberly Wilson

Re: Statewide Rule 118
Hydrogen Sulfide Gas Contingency Plan
Proposed Rost 32 State Com No. 1 Well

Dear Ms. Wilson:

In accordance with NMAC 19.15.3.118 C. (1) governing the determination of the hydrogen sulfide concentration in gaseous mixtures in each of its operations, Cimarex Energy Co. of Colorado does not anticipate that there will be enough H₂S from the surface to the Abo formations to meet the OCD's minimum requirements for the submission of a contingency plan for the drilling and completion of the following test(s):

Rost 32 State Com No. 1
32-16S-29E
SHL 660' FNL & 330' FWL
BHL 660' FSL & 330' FEL
Eddy County, NM

If anything further is needed regarding this issue, or if you have any questions, please feel free to contact the undersigned at 972-443-6489.

Yours truly,

Zeno Farris
Manager, Operations Administration

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, 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-144
June 1, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office
UCD-ARTESIA

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☒

Type of action: Registration of a pit or below-grade tank ☒ Closure of a pit or below-grade tank ☐

Operator: <u>Cimarex Energy Co. of Colorado</u> Telephone: <u>972-401-3111</u> e-mail address: <u>zfarris@cimarex.com</u>		
Address: <u>PO Box 140907; Irving, TX 75014-0907</u>		
Facility or well name: <u>Rost 32 State Com No. 1</u> API #: <u>30-015-</u> U/L or Qtr/Qtr <u>D</u> Sec <u>32</u> T <u>16S</u> R <u>29E</u>		
County: <u>Eddy</u> Latitude <u>32° 53' 00.89 N</u> Longitude <u>104° 06' 16.33 W</u> NAD: 1927 ☐ 1983 ☒		
Surface Owner: Federal ☐ State ☒ Private ☐ Indian ☐		
Pit		
Type: Drilling ☒ Production ☐ Disposal ☐ Workover ☐ Emergency ☐ Lined ☐ Unlined ☐ Liner type: Synthetic ☐ Thickness <u> </u> mil Clay ☐ Pit Volume <u> </u> bbl closed system, cuttings hauled		
Below-grade tank		
Volume: <u> </u> bbl Type of fluid: <u> </u> Construction material: <u> </u> Double-walled, with leak detection? Yes ☐ If not, explain why not <u> </u>		
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.) <u>50'</u>	Less than 50 feet <u>50 feet or more, but less than 100 feet</u> 100 feet or more	(20 points) (10 points) (0 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources)	Yes <u>No</u>	(20 points) (0 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet <u>1000 feet or more</u>	(20 points) (10 points) (0 points)
Ranking Score (Total Points)		10

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☐ offsite ☐ If offsite, name of facility . (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments:

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 05.01.08

Printed Name/Title Zeno Farris - Manager Operations Administration Signature Zeno Farris

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations

Approval:

Printed Name/Title Signature Date:



Cimarex Energy Co. of Colorado

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May 1, 2008

Oil Conservation Division
District II Office
1301 W. Grand Ave.
Artesia, New Mexico 88210
Attn: Ms. Kimberly Wilson

Re: Statewide Rule 118
Hydrogen Sulfide Gas Contingency Plan
Proposed Rost 32 State Com No. 1 Well

30-015-36312

Dear Ms. Wilson:

In accordance with NMAC 19.15.3.118 C. (1) governing the determination of the hydrogen sulfide concentration in gaseous mixtures in each of its operations, Cimarex Energy Co. of Colorado does not anticipate that there will be enough H₂S from the surface to the Abo formations to meet the OCD's minimum requirements for the submission of a contingency plan for the drilling and completion of the following test(s):

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If anything further is needed regarding this issue, or if you have any questions, please feel free to contact the undersigned at 972-443-6489.

Yours truly,

Zeno Farris

Zeno Farris
Manager, Operations Administration



Cimarex Energy Co. of Colorado

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MAY - 5 2008
OCD-ARTESIA

May 1, 2008

Oil Conservation Division
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1301 W. Grand Ave.
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Re: Statewide Rule 118
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Proposed Rost 32 State Com No. 1 Well

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

MAY - 5 2008

☐ AMENDED REPORT

OCD-ARTESIA

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code	Pool Name Abo Wildcat	
Property Code	Property Name ROST "32" STATE COM		Well Number 1	
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO		Elevation 3644'	

Surface Location

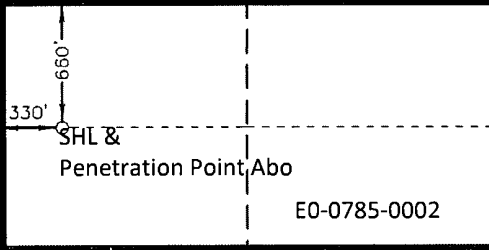
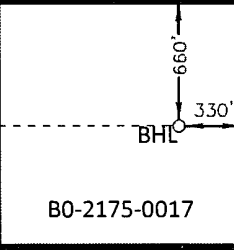
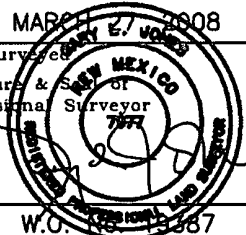
UL or lot No. D	Section 32	Township 16 S	Range 29 E	Lot Idn	Feet from the 660	North/South line NORTH	Feet from the 330	East/West line WEST	County EDDY
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Bottom Hole Location If Different From Surface

UL or lot No. A	Section 32	Township 16 S	Range 29 E	Lot Idn	Feet from the 660	North/South line NORTH	Feet from the 330	East/West line EAST	County EDDY
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Dedicated Acres 160	Joint or Infill	Consolidation Code P	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

				OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  05-01-08 Signature Date Zeno Farris Printed Name
SURFACE LOCATION Lat - N32°53'00.89" Long - W104°06'16.33" NMSPCE- N 685263.054 E 611573.417 (NAD-83)		BOTTOM HOLE LOCATION Lat - N32°53'00.87" Long - W104°05'22.15" NMSPCE- N 685264.989 E 616193.869 (NAD-83)		
				SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. MARCH 27 2008 Date Surveyed  Signature & Seal of Professional Surveyor W.O. No. 7977 Certificate No. Gary L. Jones 7977 BASIN SURVEYS