

OCD-ARTESIA

679

Form 3160-3 (April 2004)

7

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAY - 52008

FORM APPROVED OMB No 1004-0137 Expires March 31, 2007

5. Lease Serial No. LC-06

LC-060524 LC-06

6. If Indian, Allotee or Tribe Name

APPLICATION FOR PERMIT TO DRILL OR REENTER OCD-ARTESIA

74 1 210/11/01/11 01/11 2								
1a. Type of Work: X DRILL	7. If Unit or CA Agree	7. If Unit or CA Agreement, Name and No						
1b. Type of Well: X Oil Well Gas Well Oth	her	X Single	Zone Multip	le Zone	8 Lease Name and We Vega 9 Federal N			
2. Name of Operator					9. API Well No.	_		
Cimarex Energy Co. of Colorado					30-015- 30-015- 10. Field and Pool, or I	328	<u> </u>	
3a. Address PO Box 140907	3b. P	hone No (inc	lude area code)		10. Field and Pool, or I	Exploratory		
Irving, TX 75014		2-401-3111			Loco Hills; Glorie	eta-Yeso		
4. Location of Well (Report location clearly and in acco	ordance with any	y State requir	ements.*)		11. Sec., T. R. M. or Blk.	and Survey or	Area	
At Surface 5455' FNL & 660' FW	L ,							
At proposed prod. Zone	3.W.tt.				9-17S-30E			
14 Distance in miles and direction from nearest town o	r post office*				12. County or Parish	13	3. State	
3 miles North of Loco Hills, NM					Eddy		NM	
15 Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line if	16 1	No of acres in		17. Spac	ing Unit dedicated to this we	11:		
any) 455'	10 1	Proposed Dep	240	20 BIN	NWNW 40 BIA Bond No. on File			•
18 Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.	19. 1	Proposed Dep	ш	20. BLIV	DELA BOIRD NO. OII FIRE			
		6,000'			NM-257	5		
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. A	Approximate date work will start* 23			23. Estimated duration			
3,695' GR		04.	10.08		20-25	days		
		24. Atta	chments					
The following, completed in accordance with the requiren	nents of Onshore	e Oil and Gas	Order No. 1, shall	be attached	to this form:			
Well plat certified by a registered surveyor     A Drilling Plan     A Surface Use Plan (if the location is on National Fore SUPO shall be filed with the appropriate Forest Service).		is, the	Item 20 abov 5. Operator Cer	e). tification te specific in	ons unless covered by an exi		·	
25. Signature		Name (Prin	ited/Typed)			Date		
Zeno Farin	)	Zeno Fa	arris				03.1	1.08
Title						_1		
Manager Operations Administration								
Approved By (Signature) /S/ James Stovall		Name (Prin	ted/Typed)			DataPF	3 0	2008
Title FIELD MANAGER		Office	CARLSBADI	FIELD OF	FICE			
Application approval dose not warrant or control shot the analism	holds legal or eq	quitable title to t	hose rights in the sub	ject lease whi				
NOTE: New Pit Rule		1	API	RROVA	<u>I FOR TWO YE</u>			
NOTE: New Pit Rule NMAC 19-15-17	ns as to any ma	• •	• • • • •	to make to any	department or agency of the Un	ited		
INIVIAU 19-13-1/								

Roswell Controlled Water Basin

SEE ATTACHED FOR CONDITIONS OF APPROVAL

DISTRICT I 1825 M. French Dr., Hobbs, NM 88240 SISTRICT II 1801 W. Crand Avenue, Artesia, NM 88210

DISTRICT III

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised October 12, 2005

Submit to Appropriate District Office

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

State Lease — 4 Copies
Fee Lease — 3 Copies

1000 Rio Brazos Rd., Aztec, NM 87410 DISTRICT IV 1880 S. St. Francis Dr., Santa Pc. NM 87505

□ AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Paol Cade 96718	Pool Manue Loco Hills; Glorieta - Yeso			
Property Code	Property	Namo	Well Number		
	VEGA "9" F	EDERAL	2		
0GRID No.	Operator :		Rievation		
162683	CIMAREX ENERGY CO		3695'		

#### Surface Location

UL or lot No.	Section	Township	Range	Lot Idu	Feet from the	North/South line	Feet from the	East/West line	County
O	9	17 S	30 E		330	NORTH	810	WEST	EDDY

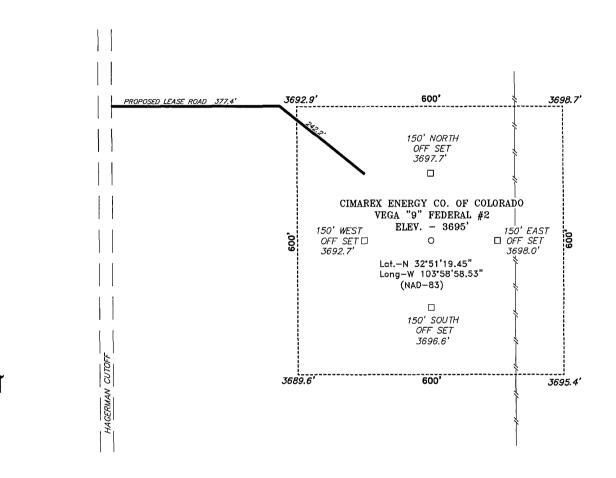
#### Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Peet from the	East/West line	County
Dedicated Acres	Joint of	r Infill Co	nsolidation (	ode Ord	ler No.				
40				1					

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

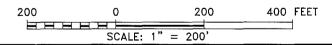
	HAS DEEN AFFROISD DI THE DIVISION
SURFACE LOCATION Lat - N32*51*19.45* Long - W103*58*58.53* Long - W103*58*58.53* NMSPCE N 675107.1 E 648939.8 (NAD-83)	OPERATOR CERTIFICATION  I hereby carrify that the information contained herein is true and complete to the best of my knowledge and belief, and that 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 columnary pooling agreement or a computary pooling agreement or a computary pooling order heretofore entered by the division.
	Zono Fang 4-11-08 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 supervison, and that the same is true and correct to the best of my belief.
	APRIL 2 2008  Date Survey & Substitute of the Professional Surveyor's
	Certificate No. Gary L. Jones 7977  BASIN SURVEYS

SECTION 9, TOWNSHIP 17 SOUTH, RANGE 30 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO.



Directions to Location:

FROM LOCO HILLS GO NORTH ON CO. RD. 217 FOR



#### CIMAREX ENERGY CO. OF COLORADO

VEGA "9" FEDERAL #2 / WELL PAD TOPO

THE VEGA "9" FEDERAL #2 LOCATED 330'

FROM THE NORTH LINE AND 810' FROM THE WEST LINE OF SECTION 9, TOWNSHIP 17 SOUTH, RANGE 30 EAST,

N.M.P.M., EDDY COUNTY, NEW MEXICO.

Sheet Sheets Survey Date: 04-07-2008

2 MILES TO PROPOSED LEASE ROAD.

BASIN SURVEYS P.O. BOX 1786-HOBBS, NEW MEXICO

W.O. Number: 19524 J. SMALL Drawn By:

04-02-2008

Disk: JMS 19524W FEDERAL

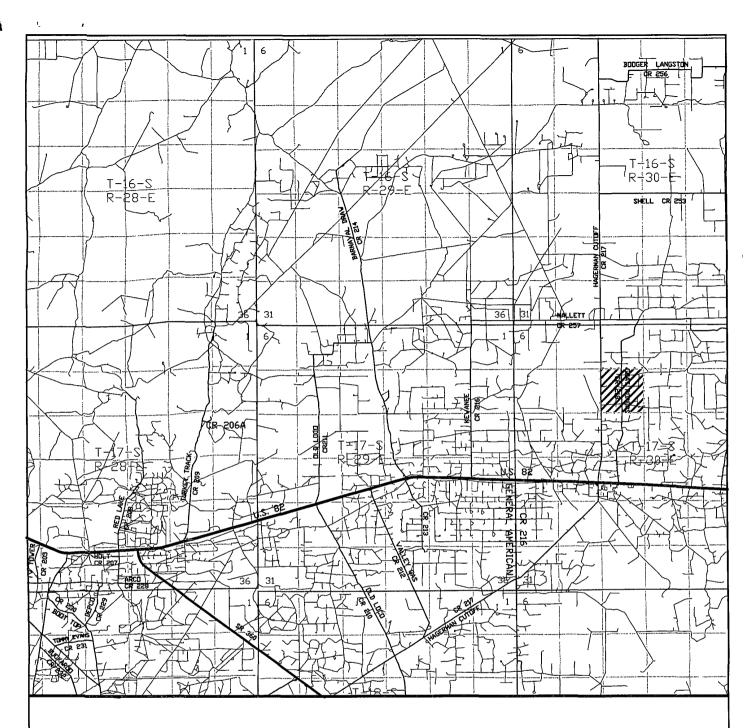
VEGA "9" FEDERAL #2 Located 330' FNL and 810' FWL Section 9, Township 17 South, Range 30 East, N.M.P.M., Eddy County, New Mexico.



P.O. Box 1786 1120 N. West County Rd. Hobbs, New Mexico 88241 (505) 393-7316 — Office (505) 392-3074 — Fax basinsurveys.com

W.O. N	lumber:	JMS	19524T	
Survey	Date:	04-0	2-2008	
Scale:	1" = 20	000'	*****	
Date:	04-07-	-2008		

CIMAREX ENERGY CO. OF COLORADO



VEGA "9" FEDERAL #2 Located 330' FNL and 810' FWL Section 9, Township 17 South, Range 30 East, N.M.P.M., Eddy County, New Mexico.



P.O. Box 1786 1120 N. West County Rd. Hobbs, New Mexico 88241 (505) 393-7316 - Office (505) 392-3074 - Fax basinsurveys.com

W.O. Number:	JMS	19524TR	
Survey Date:	04-0	2-2008	
Scale: 1" = 2	MILES		 ١.
Date: 04-07-	-2008		

CIMAREX
ENERGY CO.
OF COLORADO

#### **BOP Changes**

#### Vega 9 Federal No. 2

Cimarex Energy Co. of Colorado
Unit D Section 9
T17S R30E Eddy County, NM

#### Pressure control Equipment:

Exhibit "E-1" - Surface Casing - An 11¾" 2000 PSI working pressure B.O.P. consisting of one set of blind rams and one set of pipe rams. A choke manifold and 120 gallon accumulator with floor and remote operating stations and auxiliary power system. 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. Ram-type BOP to be function-tested once per day. Ram-type preventor will be tested to 250 psi low and 2000 psi high, by an independent service company.

Exhibit "E-2" - Intermediate & Production Casing - An 8%" 2000 PSI working pressure B.O.P. consisting of one set of blind rams and one set of pipe rams. A choke manifold and 120 gallon accumulator with floor and remote operating stations and auxiliary power system. Rotating head below 1100'. 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. Ram-type BOP to be tested to 250 psi low and 2000 psi high by an independent service company.

BOP unit will be hydraulically operated. Below intermediate casing shoe, ram-type BOP will be operated at least once a day while drilling and when out of hole during trips. No abnormal pressure or temperature is expected while drilling.

#### Rig Changes

#### Vega 9 Federal No. 2

Cimarex Energy Co. of Colorado
Unit D Section 9

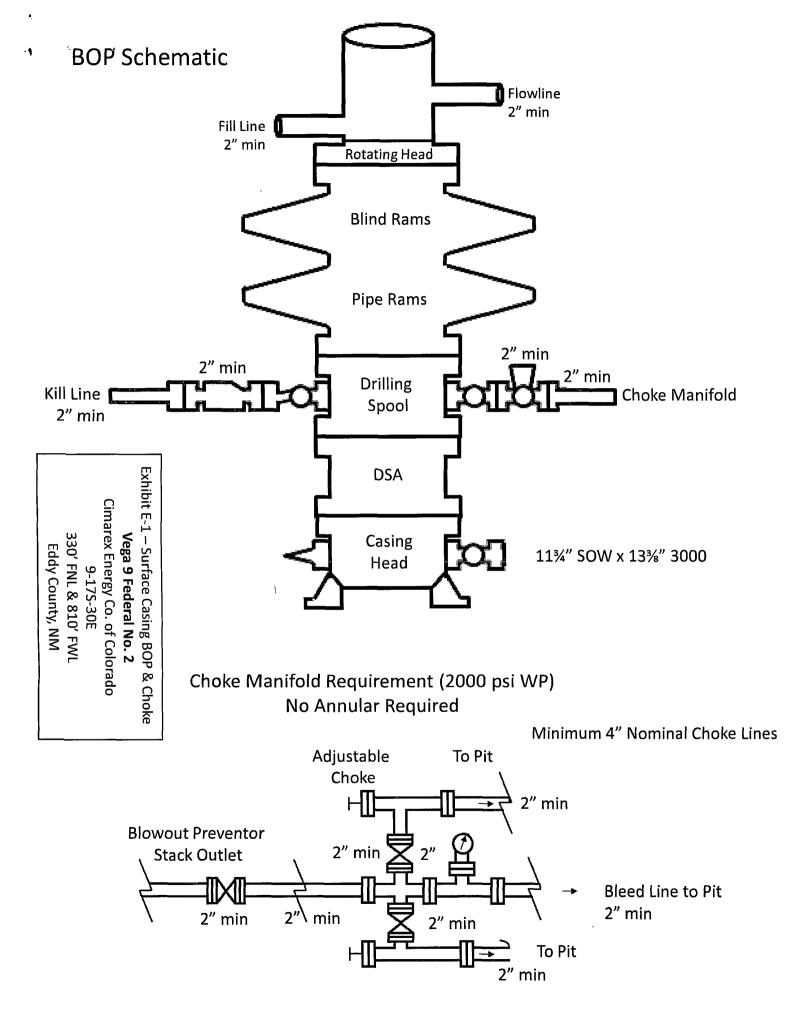
T17S R30E Eddy County, NM

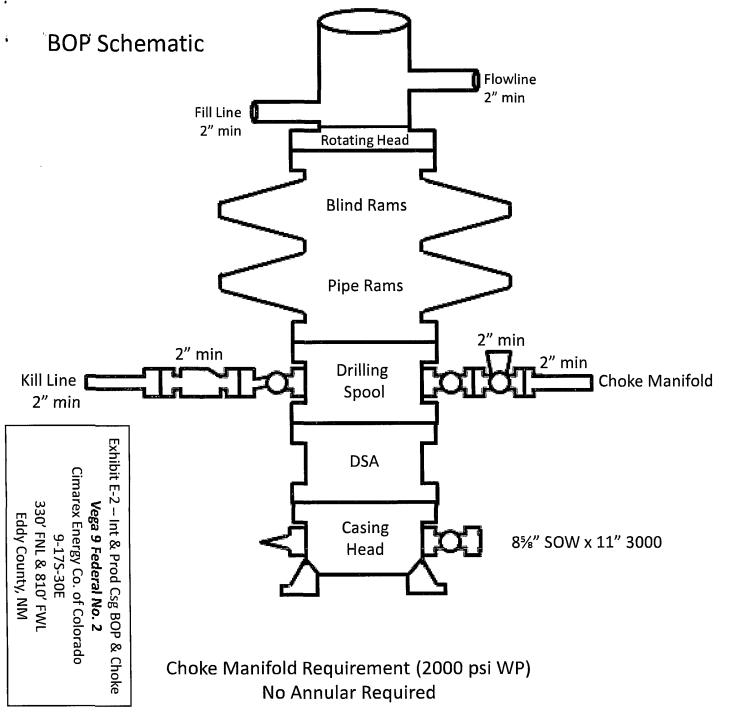
#### Methods of Handling Waste Material:

- A. Drill cuttings will be seperated by a series of solids removal equipment and stored in steel containment pits and then hauled to a state-approved disposal facility.
- B. All trash, junk and other waste material will be contained in trash cages or bins to prevent scattering. When the job is completed all contents will be removed and disposed of in an approved sanitary land fill.
- C. Salts remaining after completion of well will be picked up by supplier including broken sacks.
- D. Sewage from living quarters will drain into holding tanks and be cleaned out periodically. A Porta-John will be provided for the rig crews. This equipment will be properly maintained during the drilling operations and removed upon completion of the well.
- E. Drilling fluids will be contained in steel pits in a closed circulating system. Fluids will be cleaned and reused. Water produced during testing will be contained in the steel pits and disposed of at a state approved disposal facility. Any oil or condensate produced will be stored in test tanks until sold and hauled from the site.

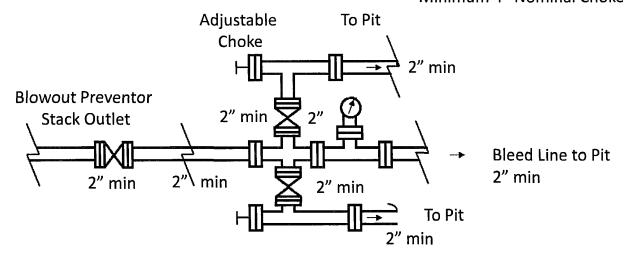
#### Well Site Layout:

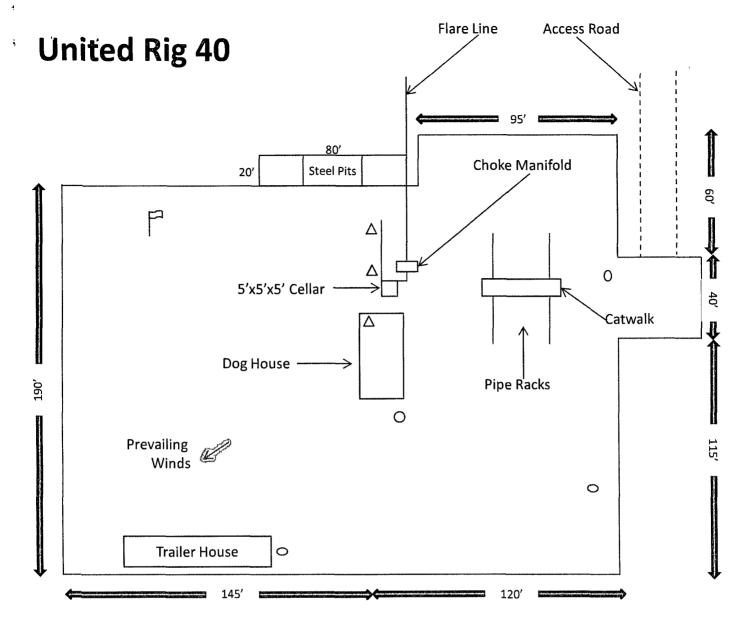
- A. Exhibit "D" shows location and rig layout.
- C. Mud pits in the closed circulating system will be steel pits and the cuttings will be stored in steel containment pits.
- D. Cuttings will be stored in steel pits until they are hauled to a state-approved disposal facility.
- E. If the well is a producer, those areas of the location not essential to production facilities will be reclaimed and seeded per BLM requirements.





Minimum 4" Nominal Choke Lines





Wind Direction Indicators (wind sock or streamers)

△ H2S Monitors (alarms at bell nipple and shale shaker)

- O Briefing Areas
- O Remote BOP Closing Unit

Exhibit D – Rig Diagram
Vega 9 Federal No. 2
Cimarex Energy Co. of Colorado
9-17S-30E
330' FNL & 810' FWL
Eddy County, NM

Unit D, Section 9 T17S R30E, Eddy County, NM

In response to questions asked under Section II B of Bulletin NTL-6, the following information is provided for your consideration:

1 <u>Location:</u> 455' FNL & 660' FWL

2 Elevation above sea level: 3,695 GR

3 Geologic name of surface formation: Quaternery Alluvium Deposits

4 <u>Drilling tools and associated equipment:</u> Conventional rotary drilling rig using fluid as a

circulating medium for solids removal.

5 Proposed drilling depth: 6,000'

#### 6 Estimated tops of geological markers:

Yates	1,240'
Seven Rivers	1,535'
Queen	2,135'
San Andres	2,870'
Glorieta	4,285'
Paddock	4,400'
Blinebry	4,890'
Tubb	5,830'

#### 7 Possible mineral bearing formation:

Paddock Oil Blinebry Oil

8 Proposed Mud Circulating System:

	Depth		Mud Wt	Visc	Fluid Loss	Type Mud
0'	to	450'	8.5	28	NC	FW
450'	to	1,100'	9.8 - 10.2	40-45	NC	Brine
1,100'	to	6,000'	9.0 - 9.2	30-32	NC	Cut Brine

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.

Unit D, Section 9 T17S R30E, Eddy County, NM

#### 9 Casing & Cementing Program:

String	Hole Size		Deptl	h	Casir	ng OD	Weight	Thread	Collar	Grade
Surface	14¾"	0	to	450'	New	11¾"	42#	8-R	STC	H-40
Intermediate	11"	0	to	1,100'	New	8%"	24#	8-R	STC	J-55
Production	7%"	0	to	6,000'	New	5½"	15.5#	8-R	LTC	J-55

#### 10 Cementing:

Surface

530 sx Class H + 2% CaCl2<sub>2</sub> (wt 14.8, yld 1.34)

**TOC** Surface

Intermediate

<u>Lead:</u> 300 sx Class C Lite + 6# Salt + ¼# CF (wt 12.7, yld 1.99)

<u>Tail:</u> 200 sx Class C + 2% CaCl2<sub>2</sub> (wt 14.8, yld 1.34)

TOC Surface

Production

Stage 1

580 sx 50/50/2 Class C + 1% FL25 + 0.3% FL52 + 5% Salt + 0.5% SMS (wt 13.0, yld 1.68)

Stage 2 DV Tool @ 3500'

<u>Lead:</u> 550 sx Class H Lite + 6# Salt + ¼# CF (wt 12.7, yld 1.92)

<u>Tail:</u> 200 sx Class H + 2% CaCl<sub>2</sub> (wt 13.0, yld 1.68)

TOC 900'

Fresh water zones will be protected by setting 13%" casing at 420' and cementing to surface. Hydrocarbon zones will be protected by setting 8%" casing at 1340' and cementing to surface and by setting 5½" casing at 6000' and cementing to 1140.'

Collapse Factor	<b>Burst Factor</b>	Tension Factor
1.125	1.125	1.6

Unit D

Section 9

T17S R30E

Eddy County, NM

#### 11 Pressure control Equipment:

Exhibit "E-1" - Surface Casing - An 11¾" 3000 PSI working pressure B.O.P. consisting of a 5000# annular type preventer. A choke manifold and 120 gallon accumulator with floor and remote operating stations and auxiliary power system. 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. Annular preventor to be function-tested once per day. Annular preventor will be tested to 250 psi low and 2500 psi high, by an Independent service company.

Exhibit "E-2" - Intermediate & Production Casing - An 8%" 5000 PSI working pressure B.O.P. consisting of one set of blind rams and one set of pipe rams and a 5000# hydril. A choke manifold and 120 gallon accumulator with floor and remote operating stations and auxiliary power system. Rotating head below 1100'. 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. Ram-type BOP to be tested to 250 psi low and 2500 psi high by an independent service company.

BOP unit will be hydraulically operated. Below intermediate casing shoe, BOP will be 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.

Unit D, Section 9 T17S R30E, Eddy County, NM

#### 11 Pressure control Equipment:

Exhibit "E-1" - Surface Casing - An 11¾" 3000 PSI working pressure B.O.P. consisting of a 3000# annular type preventer. A choke manifold and 120 gallon accumulator with floor and remote operating stations and auxiliary power system. 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. Annular preventor to be function-tested once per day. Annular preventor will be tested to 250 psi low and 3000 psi high.

Exhibit "E-2" - Intermediate & Production Casing - An 8%" 5000 PSI working pressure B.O.P. consisting of one set of blind rams and one set of pipe rams and a 5000# hydril. A choke manifold and 120 gallon accumulator with floor and remote operating stations and auxiliary power system. Rotating head below 1100'. 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. Below intermediate casing shoe, BOP will be 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.

The BOPs will be tested by an independent service company. Ram type BOPs to 250 psi low and 5000 psi high. Annular BOP 250 psi low and 3000 psi high.

#### 12 Testing, Logging and Coring Program:

- A. Mud logging No mud logging program.
- B. Electric logging program: CNL / LDT / CAL / GR, DLL / CAL / GR
- C. No DSTs or cores are planned at this time.

#### 13 Potential Hazards:

No abnormal pressures or temperatures are expected. The area has a potiential H2S hazard. An H2S drilling plan is attached. Adequate flare lines will be installed off the mud / gas separator where gas may be flared safely. All personnel will be familiar with all aspects of safe operation of equipment being used.

Estimated BHP 2300 psi Estimated BHT 110°

14 Road and location construction will begin after BLM approval of APD. Anticipated spud date as soon as approved.

Drilling expected to take 20-25 days

If production casing is run an additional 30 days will be required to complete and construct surface facilities.

#### 15 Other Facets of Operations:

After running casing, cased hole gamma ray neutron collar logs will be run from total depth over possible pay intervals.

<u>Blinebry</u> pay will be perforated and stimulated.

The proposed well will be tested and potentialed as an oil well.

#### Hydrogen Sulfide Drilling Operations Plan Cimarex Energy Co. of Colorado Vega 9 Federal No. 2

Unit D, Section 9 T17S R30E, Eddy County, NM

- 1 All Company and Contract personnel admitted on location must be trained by a qualified H2S safety instructor to the following:
  - A. Characteristics of H2S
  - B. Physical effects and hazards
  - C. Proper use of safety equipment and life support systems.
  - D. Principle and operation of H2S detectors, warning system and briefing areas.
  - E. Evacuation procedure, routes and first aid.
  - F. Proper use of 30 minute pressure demand air pack.

#### 2 <u>H2S Detection and Alarm Systems:</u>

A. H2S detectors and audio alarm system to be located at bell nipple, end of flow line (mud pit) and on derrick floor or doghouse.

#### 3 Windsock and/or wind streamers:

- A. Windsock at mudpit area should be high enough to be visible.
- B. Windsock at briefing area should be high enough to be visible.

#### 4 Condition Flags and Signs:

- A. Warning sign on access road to location.
- B. Flags to be displayed on sign at entrance to location. Green flag indicates normal safe condition. Yellow flag indicates potential pressure and danger. Red flag indicates danger (H2S present in dangerous concentration). Only emergency personnel admitted to location.

#### 5 Well control equipment:

A. See exhibit "E"

#### 6 Communication:

- A. While working under masks chalkboards will be used for communication.
- B. Hand signals will be used where chalk board is inappropriate.
- C. Two way radio will be used to communicate off location in case of emergency help is required. In most cases cellular telephones will be available at most drilling foreman's trailer or living quarters.

#### 7 **Drillstem Testing:**

No DSTs or cores are planned at this time.

- 8 Drilling contractor supervisor will be required to be familiar with the effects H2S has on tubular goods and other mechanical equipment.
- 9 If H2S is encountered, mud system will be altered if necessary to maintain control of formation. A mud gas seperator will be brought into service along with H2S scavengers if necessary.

## H₂S Contingency Plan Cimarex Energy Co. of Colorado Vega 9 Federal No. 2 Unit D, Section 9 T17S R30E, Eddy County, NM

#### **Emergency Procedures**

In the event of a release of gas containing H<sub>2</sub>S, the first responder(s) must:

- ★ Isolate the area and prevent entry by other persons into the 100 ppm ROE.
- ★ Evacuate any public places encompassed by the 100 ppm ROE.
- ★ Be equipped with H<sub>2</sub>S monitors and air packs in order to control the release.
- ★ Use the "buddy system" to ensure no injuries occur during the response.
- ★ Take precautions to avoid personal injury during this operation.
- ★ Contact operator and/or local officials to aid in operation. See list of phone numbers attached.
- ★ Have received training in the:
  - ♦ Detection of H<sub>2</sub>S, and
  - Measures for protection against the gas,
  - Equipment used for protection and emergency response.

#### Ignition of Gas Source

Should control of the well be considered lost and ignition considered, take care to protect against exposure to Sulfur Dioxide (SO<sub>2</sub>). Intentional ignition must be coordinated with the NMOCD and local officials. Additionally, the NM State Police may become involved. NM State Police shall be the Incident Command on scene of any major release. Take care to protect downwind whenever there is an ignition of the gas.

#### Characteristics of H<sub>2</sub>S and SO<sub>2</sub>

Common	Chemical	Specific	Threshold	Hazardous	Lethal
Name_	Formula	Gravity	Limit	Limit	Concentration
Hydrogen Sulfide	H₂S	1.189 Air=1	10 ppm	100 ppm/hr	600 ppm
Sulfur Dioxide	SO <sub>2</sub>	2.21 Air=1	2 ppm	N/A	1000 ppm

#### **Contacting Authorities**

Cimarex Energy Co. of Colorado's personnel must liaise with local and state agencies to ensure a proper response to a major release. Additionally, the OCD must be notified of the release as soon as possible but no later than 4 hours. Agencies will ask for information such as type and volume of release, wind direction, location of release, etc. Be prepared with all information available including directions to site. The following call list of essential and potential responders has been prepared for use during a release. Cimarex Energy Co. of Colorado's response must be in coordination with the State of New Mexico's "Hazardous Materials Emergency Response Plan" (HMER).

## H₂S Contingency Plan Emergency Contacts Vega 9 Federal No. 2

Cimarex Energy Co. of Colorado Unit D, Section 9 T17S R30E, Eddy County, NM

Cimarex Energy Co. of Color	ado	800-969-4789		
Co. Office and After-Hours N	Menu			
Key Personnel				
Name	Title	Office	Mobile	
Doug Park	Drilling Manager	972-443-6463	972-333-1407	
Dee Smith	Drilling Super	972-443-6491	972-882-1010	
Jim Evans	Drilling Super	972-443-6451	972-465-6564	
Dorsey Rogers	Field Super		505-200-6105	
Roy Shirley	Field Super		432-634-2136	

Ambulance	911		
State Police	575-746-2703		
City Police	575-746-2703		
Sheriff's Office	575-746-9888		
Fire Department	575-746-2701		
Local Emergency Planning Committee	575-746-2122		
New Mexico Oil Conservation Division	575-748-1283		
<u>Carlsbad</u>			
Ambulance	911		
State Police	575-885-3137		
City Police	575-885-2111		
Sheriff's Office	575-887-7551		
Fire Department	575-887-3798		
Local Emergency Planning Committee	575-887-6544		
US Bureau of Land Management	575-887-6544		
Santa Fe New Mexico Emergency Response Commission (Santa Fe) New Mexico Emergency Response Commission (Santa Fe) 24 Hrs	505-476-9600 505-827-9126		
New Mexico State Emergency Operations Center	505-476-9635		
<u>National</u>			
National Emergency Response Center (Washington, D.C.)	800-424-8802		X-10-1-1-1
  Medical			
Flight for Life - 4000 24th St.; Lubbock, TX	806-743-9911		
Aerocare - R3, Box 49F; Lubbock, TX	806-747-8923		
	505-842-4433		-
Med Flight Air Amb - 2301 Yale Blvd S.E., #D3; Albuquerque, NM			
	505-842-4949		
Med Flight Air Amb - 2301 Yale Blvd S.E., #D3; Albuquerque, NM SB Air Med Service - 2505 Clark Carr Loop S.E.; Albuquerque, NM Other	505-842-4949		
Med Flight Air Amb - 2301 Yale Blvd S.E., #D3; Albuquerque, NM SB Air Med Service - 2505 Clark Carr Loop S.E.; Albuquerque, NM Other Boots & Coots IWC	505-842-4949 800-256-9688	or	281-931-8884
Med Flight Air Amb - 2301 Yale Blvd S.E., #D3; Albuquerque, NM SB Air Med Service - 2505 Clark Carr Loop S.E.; Albuquerque, NM  Other  Boots & Coots IWC		or or	
Med Flight Air Amb - 2301 Yale Blvd S.E., #D3; Albuquerque, NM SB Air Med Service - 2505 Clark Carr Loop S.E.; Albuquerque, NM	800-256-9688		

#### Surface Use Plan Cimarex Energy Co. of Colorado Vega 9 Federal No. 2

Unit D, Section 9 T17S R30E, Eddy County, NM

- 1 <u>Existing Roads:</u> Area maps, Exhibit "B" is a reproduction of Eddy Co. General Highway Map. Exhibit "C" is a reproduction of a USGS Topographic Map, showing existing roads and proposed roads. All existing roads will be maintained in a condition equal to or better than current conditions. Any new roads will be constructed to BLM specifications.
  - A. Exhibit "A" shows the proposed well site as staked.
  - B. From the junction of US Hwy and Hagerman Cutoff, go North 2.5 miles to lease road. On lease road, go East 420' to proposed lease road.
- 2 Planned Access Roads: 422.4' of on-lease access road is proposed.
- 3 Location of Existing Wells in a One-Mile Radius Exhibit A
  - A. Water wells None known
  - B. Disposal wells None known
  - C. Drilling wells None known
  - D. Producing wells As shown on Exhibit "A"
  - E. Abandoned wells As shown on Exhibit "A"
- 4 If on completion this well is a producer, Cimarex Energy Co. of Colorado will furnish maps and/or plats showing on site facilities or off site facilities if needed. This will be accompanied by a Sundry Notice.
- 5 <u>Location and Type of Water Supply:</u>

Water will be purchased locally from a commercial source and trucked over the access roads or piped in flexible lines laid on top of the ground.

#### 6 Source of Construction Material:

If possible, construction will be obtained from the excavation of drill site. If additional material is needed, it will be purchased from a local source and transported over the access route as shown on Exhibit "C".

## Surface Use Plan Cimarex Energy Co. of Colorado Vega 9 Federal No. 2

Unit D, Section 9 T17S R30E, Eddy County, NM

#### 7 Methods of Handling Waste Material:

- A. Drill cuttings will be disopsed of in the reserve pit.
- B. All trash, junk and other waste material will be contained in trash cages or bins to prevent scattering. When the job is completed all contents will be removed and disposed of in an approved sanitary land fill.
- C. Salts remaining after completion of well will be picked up by supplier including broken sacks.
- D. Sewage from living quarters will drain into holding tanks and be cleaned out periodically. A Porta-John will be provided for the rig crews. This equipment will be properly maintained during the drilling operations and removed upon completion of the well.
- E. Remaining drilling fluids will be allowed to dry in the reserve pit until the pit is dry enough for breaking out. In the event that drillings fluids do not dry out in a reasonable time they will be hauled off by transports and be disposed of at a State approved disposal facility. Water produced during drilling will be put in reserve pit. Any oil or condensate produced will be stored in test tanks until sold and hauled from the site.

#### 8 Ancillary Facilities:

A. No camps or airstrips to be constructed.

#### 9 Well Site Layout:

- A. Exhibit "D" shows location and rig layout.
- B. This exhibit indicates proposed location of reserve and trash pits; and living
- C. Mud pits in the active circulating system will be steel pits and the reserve pit is proposed to be lined with PVC or polyethylene liner. The pit liner will be 12 mils thick. Pit liner will extend a minimum, 2'00" over the reserve pits dikes where the liner will be anchored down.
- D. The reserve pit will be fenced on three sides with four strands of barbed wire during drilling and completion phases. The fourth side will be fenced after all drilling operations have ceased. If the well is a producer, the reserve pit fence will be torn down. The reserve pit and those areas of the location not essential to production facilities will be reclaimed and seeded per BLM requirements.

## Surface Use Plan Cimarex Energy Co. of Colorado Vega 9 Federal No. 2

Unit D, Section 9 T17S R30E, Eddy County, NM

#### 10 Plans for Restoration of Surface:

Rehabilitation of the location and cuttings burial cell will start in a timely manner after all drilling operations cease. The type of reclamation will depend on whether the well is a producer or a dry hole.

However, in either event, the reserve pit will be allowed to dry properly, and fluid removed and disposed of in accordance with Article 7.B as previously noted. The pit area will then be leveled and contoured to conform to the original and surrounding area. Drainage systems, if any, will be reshaped to the original configuration with provisions made to alleviate erosion. These may need to be modified in certain circumstances to prevent inundation of the location's pad and surface facilities. After the area has been shaped and contoured, topsoil from the spoil pile will be placed over the disturbed area to the extent possible. Revegetation procedures will comply with BLM standards.

If the well is a dry hole, the pad and road area will be recountoured to match the existing terrain. Topsoil will be spread to the extent possible. Revegetation will comply with BLM standards.

Should the well be a producer, the previously noted procedures will apply to those areas which are not required for production facilities.

#### 11 Other Information:

- A. Topography consists of a sloping plane with loose tan sands. Vegetation is mainly yucca, mesquite and shin oak.
- B. The wellsite is on surface owned by Department of the Interior, Bureau of Land Management. The land is used mainly for farming, cattle ranching, recreational use, and oil and gas production.
- C. An Archaeological survey will be conducted on the location and proposed roads, and this report will be filed with the Bureau of Land Management in the Carlsbad BLM office.
- D. There are no know dwellings within 1 1/2 miles of this location.

#### Operator Certification Statement Cimarex Energy Co. of Colorado Vega 9 Federal No. 2

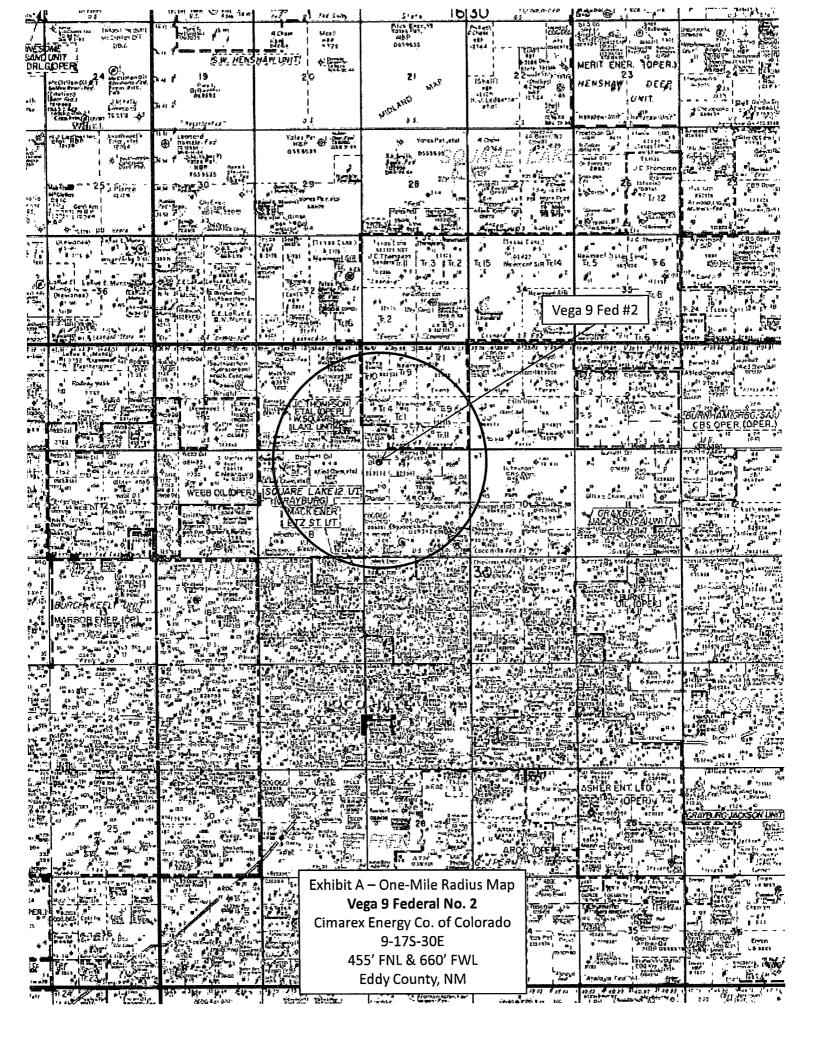
Unit D, Section 9 T17S R30E, Eddy County, NM

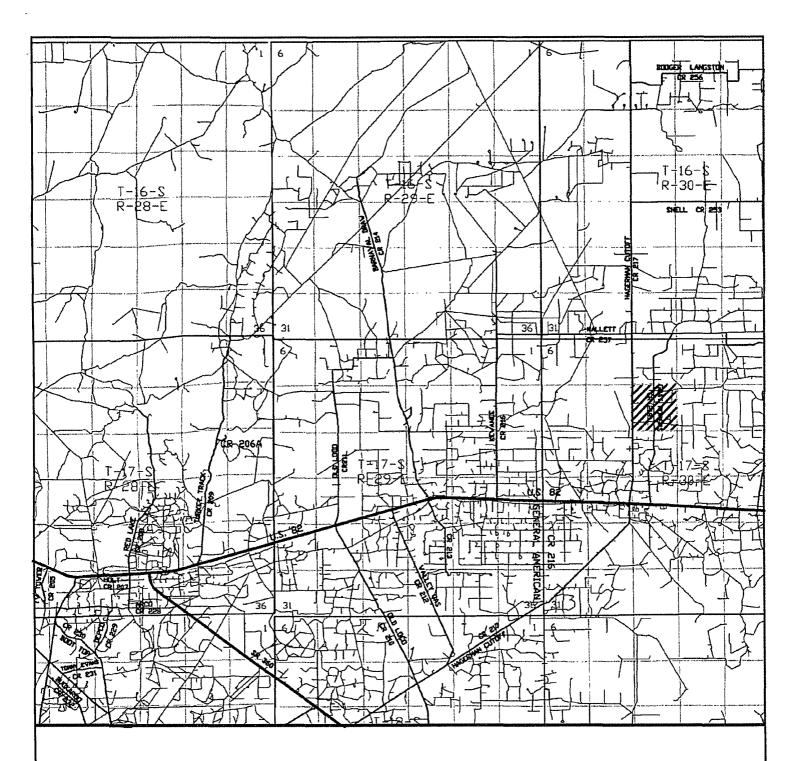
Operator's Representative
Cimarex Energy Co. of Colorado
P.O. Box 140907
Irving, TX 75014
Office Phone: (972) 443-6489

Zeno Farris

**CERTIFICATION**: I hereby certify that the statements and plans made in this APD are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Cimarex Energy Co. of Colorado and/or its contractors/subcontractors and is in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provision of U.S.C. 1001 for the filing of a false statement.

NAME:		
	Zeno Farris	
DATE:	March 11, 2008	
TITLE:	Manager Operations Administration	





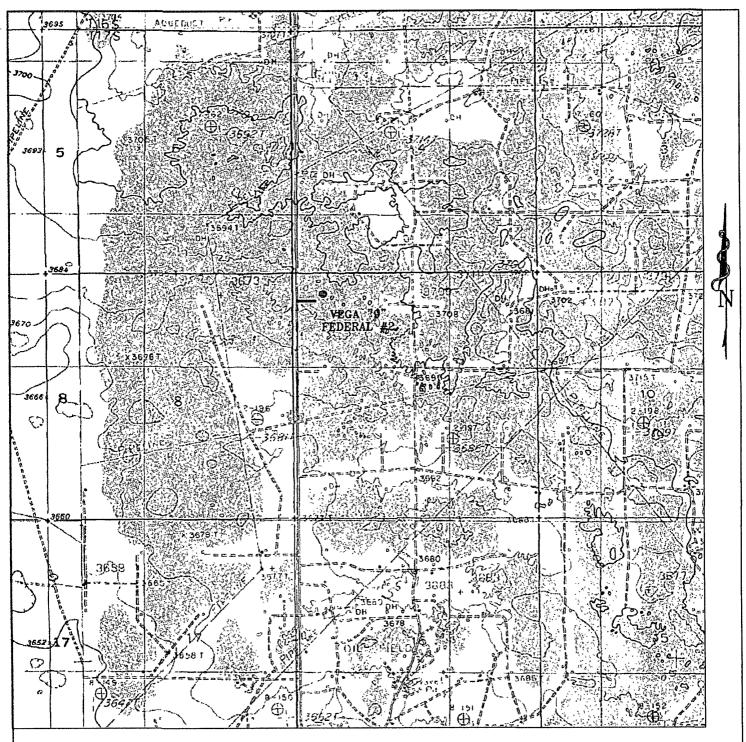
VEGA "9" FEDERAL #2 Located 455' FNL and 660' FWL Section 9, Township 17 South, Range 30 East, N.M.P.M., Eddy County, New Mexico.



P.O. Box 1786 1120 N. West County Rd. Hobbs, New Mexico 88241 (505) 393-7316 — Office (505) 392-3074 — Fax basinsurveys.com

W.O. Number:	JMS	19046TR
Survey Date:	01-1	17-2008
Scale: 1" = 2	MILES	
Date: 01-21-	2008	

CIMAREX ENERGY CO. OF COLORADO



VEGA "9" FEDERAL #2 Located 455' FNL and 660' FWL Section 9, Township 17 South, Range 30 East, N.M.P.M., Eddy County, New Mexico.



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W.Q	Number:	JMS	19046T	
	y Date:	01-	17-2008	
F	. 1" = 2	000'		
Date:	01-21-	-2008		

CIMAREX ENERGY CO. OF COLORADO

## PECOS DISTRICT CONDITIONS OF APPROVAL

_	OPERATOR'S NAME:	Cimarex Energy
and a state of the	LEASE NO.:	NMLC060524
	WEELNAVIE & NOR	
	SURFACE HOLE FOOTAGE:	330' FNL & 810' FWL
	-BOTTOM HOLE FOOTAGE-	- ·
	LOCATION:	Section 9, T. 17 S., R 30 E., NMPM
	COUNTY:	Eddy County, New Mexico
A STATE OF THE STA		The state of the s
,		BLE OF CONTENTS
	Standard Conditions of Approval (CO.	A) apply to this APD. If any deviations to these standards exist or- tion with the deviation or requirement will be checked below.
and the same of th	special COAs are required, the sec	tion with the deviation of requirement with be checked below.
	General Provisions	The state of the s
F	Permit Expiration	
Ē	Archaeology, Paleontology, a	and Historical Sites
Ī	Noxious Weeds	,
Ď	Special Requirements	•
_	Lesser Prairie Chicken	
	<b>Construction</b>	·
	Notification	
	Topsoil	·
	Reserve Pit	
	Federal Mineral Material l	Pits
	Well Pads	
_	Roads	
	Road Section Diagram	
	☑ Drilling	
`	Production (Post Drilling)	
	Well Structures & Facilities	es
	Interim Reclamation	
L	☐ Final Abandonment/Reclam	ation

#### I. GENERAL PROVISIONS

The approval of the Application For Permit To Drill (APD) is in compliance with all applicable laws and regulations: 43 Code of Federal Regulations 3160, the lease terms. Onshore Oil and Gas Orders, Notices To Lessees, New Mexico Oil Conservation Division (NMOCD) Rules, National Historical Preservation Act As Amended, and mistraterions and orders of the Authorized Officer. Any request for avariance shall be submitted to the Authorized Officer on Form 3160-5, Sundry Notices and Report on Wells.

#### II. PERMIT EXPIRATION

If the permit terminates prior to drilling and drilling cannot be commenced within 60.

days after expiration, an operator is required to submit Form 3160-5, Sundry Notices and
Reports on Wells, requesting surface reclamation requirements for any surface disturbance. However, if the operator will be able to initiate drilling within 60 days after the expiration of the permit, the operator must have set the conductor pipe in order to allow for an extension of 60 days beyond the expiration date of the APD. (Filing of a Sundry Notice is required for this 60 day extension.)

#### III. ARCHAEOLOGICAL, PALEONTOLOGY & HISTORICAL SITES

Any cultural and/or paleontological resource discovered by the operator or by any person working on the operator's behalf shall immediately report such findings to the Authorized Officer. The operator is fully accountable for the actions of their contractors and subcontractors. The operator shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the Authorized Officer. An evaluation of the discovery shall be made by the Authorized Officer to determine the appropriate actions that shall be required to prevent the loss of significant cultural or scientific values of the discovery. The operator shall be held responsible for the cost of the proper mitigation measures that the Authorized Officer assesses after consultation with the operator on the evaluation and decisions of the discovery. Any unauthorized collection or disturbance of cultural or paleontological resources may result in a shutdown order by the Authorized Officer.

#### IV. NOXIOUS WEEDS

The operator shall be held responsible if noxious weeds become established within the areas of operations. Weed control shall be required on the disturbed land where noxious weeds exist, which includes the roads, pads, associated pipeline corridor, and adjacent land affected by the establishment of weeds due to this action. The operator shall consult with the Authorized Officer for acceptable weed control methods, which include following EPA and BLM requirements and policies.

#### V. SPECIAL REQUIREMENT(S)

#### V-DOOR-WEST

Timing Limitation Stipulation/Condition of Approval for Lesser Prairie: Chicken: Oil and cassactivities including 210 exploration, and drilling will not be allowed in lesser prairie-chicken habitat during the period from March 15 through June 15 annually. During that period, other activities that produce noise or involve human activity, such as the maintenance of oil and gas facilities, geophysical exploration other than 3-D operations, and pipeline, road, and well pad construction, will be allowed except between 3:00 am and well pad construction, will be allowed except between 3:00 am and 9:00 am. The 3:00 am to 9:00 am restriction will not apply to normal, around-the-clock operations, such as venting, flaring, or pumping, which do not require a human presence during this period. Additionally, no new drilling will be allowed within up to 200 meters of leks known at the time of permitting. Normal vehicle use on existing roads will not be restricted. Exhaust noise from pump jack engines must be muffled or otherwise controlled so as not to exceed 75 db measured at 30 ft. from the source of the noise.

#### VI. CONSTRUCTION

#### A. NOTIFICATION

The BLM shall administer compliance and monitor construction of the access road and well pad Notify the Carlsbad Field Office at (\$05)) 234-5972 at least 3 working days prior to commencing construction of the access road and/or well pad.

When construction operations are being conducted on this well, the operator shall have the approved APD and Conditions of Approval (COA) on the well site and they shall be made-available-upon-request-by-the Authorized Officer.

#### B-TOPSOIL

There is no measurable soil on this well pad to stockpile. No topsoil stockpile is required.

#### C. RESERVE PITS

Tanks are required for drilling operations: No Pits.

The operator shall properly dispose of drilling contents at an authorized disposal site.

#### D. FEDERAL MINERAL MATERIALS PIT

If the operator elects to surface the access road and/or well pad, mineral materials extracted during construction of the reserve pit may be used for surfacing the well pad and access road and other facilities on the lease.

Payment shall be made to the BLM prior to removal of any additional federal mineral materials from any site other than the reserve pit. Call the Carlsbad Field Office at (505) 234-5972.

#### E. WELL PAD SURFACING

Surfacing of the well pad is not required.

If the operator elects to surface the well pad, the surfacing material may be required to be removed at the time of reclamation.

The well pad shall be constructed in a manner which creates the smallest possible surface disturbance, consistent with safety and operational needs.

#### F: ON LEASE ACCESS ROADS

#### Road Width

The access road shall have a driving surface that creates the smallest possible surface disturbance and does not exceed fourteen (14) feet in width. The maximum width of surface disturbance, when constructing the access road, shall not exceed thirty (30) feet.

#### Surfacing

Surfacing material is not required on the new access road driving surface. If the operator selects to surface the new access road or pad, the surfacing material may be required to be removed at the time of reclamation.

Where possible, no improvements should be made on the unsurfaced access road other than to remove vegetation as necessary, road irregularities, safety issues, or to fill low areas that may sustain standing water.

The Authorized Officer reserves the right to require surfacing of any portion of the access road at any time deemed necessary. Surfacing may be required in the event the road deteriorates; erodes; road traffic increases, or it is determined to be beneficial for future field development. The surfacing depth and type of material will be determined at the time of notification.

#### Crowning

Crowning shall be done on the access road driving surface. The road crown shall have a grade of approximately 2% (i.e., a 1" crown on a 14' wide road). The road shall conform to Figure 1; cross section and plans for typical road construction.

#### Ditching

Ditching shall be required on both sides of the road.

#### **Turnouts**

Vehicle turnouts shall be constructed on the road. Turnouts shall be intervisible with interval spacing distance less than 1000 feet. Turnouts shall be constructed on all blind curves. Turnouts shall conform to the following diagram:

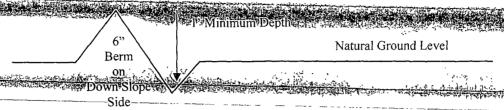
# Standard Turnout – Plan View 14' ---- Centerline of Road Driving Surface 25' 10' 25' 50'

#### Drainage

Drainage control systems shall be constructed on the entire length of road (e.g. ditches, sidehill outsloping and insloping, lead-off ditches, culvert installation, and low water crossings).

A typical lead-off ditch has a minimum depth of 1 foot below and a berm of 6 inches above natural ground level. The berm shall be on the down-slope side of the lead-off ditch.

#### Cross Section of a Typical Lead-off Ditch



All lead-off ditches shall be graded to drain water with a 1-percent minimum to 3 percent maximum ditch slope. The spacing interval are variable for lead-off ditches and shall be determined according to the formula for spacing intervals of lead-off ditches, but may be amended depending upon existing soil types and centerline road slope (in %);

#### Formula for Spacing Interval of Lead-off Ditches

Example - On a 4% road slope that is 400 feet long, the water flow shall drain water into a lead-off ditch. Spacing interval shall be determined by the following formula:

400 foot road with 4% road slope: 
$$\frac{400'}{4\%} + 100' = 200'$$
 lead-off ditch interval

#### **Culvert Installations**

Appropriately sized culvert(s) shall be installed at the deep waterway channel flow crossing.

#### Cattleguards

An appropriately sized cattleguard(s) sufficient to carry out the project shall be installed and maintained at fence crossing(s).

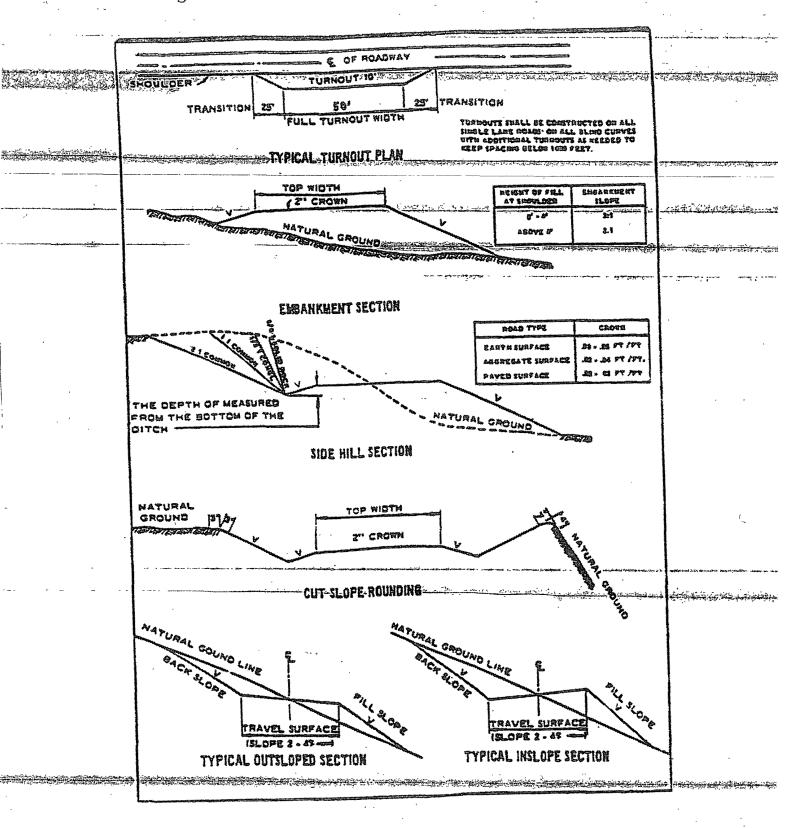
Any existing cattleguard(s) on the access road shall be repaired or replaced if they are damaged or have deteriorated beyond practical use. The operator shall be responsible for the condition of the existing cattleguard(s) that are in place and are utilized during lease operations.

A gate shall be constructed and fastened securely to H-braces.

#### Fence Requirement

	Where entry is required acresides of the passageway prior.  The operator shall notify the prior to crossing any fence(	or to cutting. e private surface lan				
	Public Access Public access on this road s approval granted by the Au	hall not be restricted thorized Officer.	d by the opera	tor without	specific writte	en
		the control of the co	elen (spuhet bus eines			
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Figure 1 - Cross Sections and Plans For Typical Road Sections



#### VII. DRILLING

#### A. DRILLING OPERATIONS REQUIREMENTS

The BLM is to be notified a minimum of 4 hours in advance for a representative to witness:

- a. Spudding well
- b. Setting and/or Cementing of all casing strings
- c.\_BOPE\_tests\_\_\_\_

#### **Eddy County**

- Call-the Carlsbad Field Office, 620 East Greene St., Carlsbad, NM 88220, (575) 361-2822

- 1. A Hydrogen Sulfide (H2S) Drilling Plan should be activated 500 feet prior to drilling into the Grayburg formation. Measurements between 500-2000 ppm in the gas stream. If Hydrogen Sulfide is encountered, please report measured amounts and formations to the BLM.
- 2. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.
- 3. Floor controls are required for 3M or Greater systems. These controls will be on the rig floor, unobstructed, readily accessible to the driller and will be operational at all times during drilling and/or completion activities. Rig floor is defined as the area immediately around the rotary table; the area immediately above the substructure on which the draw works are located, this does not include the dog house or stairway area.

#### B. CASING

Changes to the approved APD casing and cement program require submitting a sundry and receiving approval prior to work.

Centralizers required on surface casing per Onshore Order 2.III.B.1.f.

Possible high pressure air pockets above the Rustler. Possible lost circulation in the Grayburg and San Andres formations. Possible water flows in the Salado and Artesia Groups.

1. The 13-3/8 inch surface casing shall be set at approximately 450 feet (a minimum of 25 feet into the Rustler Anhydrite and above the salt) and cemented to the surface.

Provide compressive strengths including hours to reach required 500 pounds compressive strength prior to cementing.

- a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with a surface log readout will be used or a cement bond log shall be run to verify the top of the cement.
- b. Wait on cement (WOC) time for a primary cement job will be a minimum 18 hours for a water basin, 24 hours in the potash area, or 500 pounds compressive strength, whichever is greater. (This is to include the lead cement).
- c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength, whichever is greater.
- d. If cement falls back, remedial action will be done prior to drilling out that string.
- 2. The minimum required fill of cement behind the 8-5/8 inch intermediate casing is:

Provide compressive strengths including hours to reach required 500 pounds compressive strength prior to cementing.

- Cement to surface. If cement does not circulate see B.1.a-d above.

  Intermediate casing to be set below the salt in the Tansill formation at approximately 1100 feet.
- 3. The minimum required fill of cement behind the 5-1/2 inch production easing is:
  - a. First stage to DV tool, cement shall:
  - Cement to circulate. If cement does not circulate, contact the appropriate BLM office, before proceeding with second stage cement job.
  - b. Second stage above DV tool, cement shall:
  - Cement should tie-back at least 200 feet into previous casing string. **Operator** shall provide method of verification.
- 4. If hardband drill pipe is rotated inside casing, returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool joints of the drill pipe will be installed prior to continuing drilling operations.

#### C. PRESSURE CONTROL

- 1. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in Onshore Oil and Gas Order No. 2 and API RP 53 Sec. 17.
- 2. The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.
  - a. The tests shall be done by an independent service company.
  - b. The results of the test shall be reported to the appropriate BLM office.
  - c. All tests are required to be recorded on a calibrated test chart. A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.
  - d. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug.
  - e. A variance to test only the surface casing to the reduced pressure of 1000 psi with the rig pumps is approved. The BOP will be tested to 1000 psi by an independent service company.

#### D. DRILL STEM TEST

If drill stem tests are performed, Onshore Order 2.III.D shall be followed.

WWI 042508

#### VIII. PRODUCTION (POST DRILLING)

#### A. WELL STRUCTURES & FACILITIES

Placement of Production Facilities

Production facilities should be placed on the well pad to allow for maximum interim recontouring and revegetation of the well location.

**Containment Structures** 

The containment structure shall be constructed to hold the capacity of the entire contents of the largest tank, plus 24 hour production, unless more stringent protective requirements are deemed necessary by the Authorized Officer.

**Painting Requirement** 

All above-ground structures including meter housing that are not subject to safety requirements shall be painted a flat non-reflective paint color.

Shale Green, Munsell Soil Color Chart # 5Y 4/2

#### IX. INTERIM RECLAMATION & RESERVE PIT CLOSURE

#### A. INTERIM RECLAMATION

If the well is a producer, interim reclamation shall be conducted on the well site in accordance with the orders of the Authorized Officer. The operator shall submit a Sundry Notices and Reports on Wells (Notice of Intent), Form-3160-5, prior to conducting interim reclamation.

-During-the-life of the development, all disturbed areas not needed for active support of production operations should-undergo interim reclamation in order to minimize the environmental impacts of development on other resources and uses.

The operators should work with BLM surface management specialists to devise the best strategies to reduce the size of the location. Any reductions should allow for remedial well operations, as well as safe and efficient removal of oil and gas.

During reclamation, the removal of caliche is important to increasing the success of revegetating the site. Removed caliche may be used for road repairs, fire walls or for building other roads and locations. In order to operate the well or complete workover operations, it may be necessary to drive, park and operate on restored interim vegetation within the previously disturbed area. Disturbing revegetated areas for production or workover operations will be allowed. If there is significant disturbance and loss of vegetation, the area will need to be revegetated. Communicate with the appropriate BLM office for any exceptions/exemptions if needed.

#### Seed Mixture for LPC Sand/Shinnery Sites

The holder shall seed-all-disturbed-areas-with-the-seed-mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)\* per acre. There shall be <u>no</u> primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law(s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped-with-a-depth-regulator-to-ensure proper depth of planting where drilling is possible. The seed-mixture-will-be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed\* per acre:

Spe	cies	lb/acre
Sand Littl Big Plair	ns Bristlegrass I Bluestem e Bluestem Bluestem ns Coreopsis	5lbs/A 5lbs/A 3lbs/A 6lbs/A 2lbs/A
Sand	l Dropseed	1lbs/A

<sup>\*\*</sup>Four-winged Saltbush

Pounds of seed **x** percent purity **x** percent germination = pounds pure live seed (Insert Seed Mixture Here)

<sup>3103/</sup>FL

<sup>\*</sup> This can be used around well pads and other areas where caliche cannot be removed.

<sup>\*</sup>Pounds of pure live seed:

### X. FINAL ABANDONMENT & REHABILITATION REQUIREMENTS

Upon abandonment of the well and/or when the access road is no longer in service the Authorized Officer shall issue instructions and/or orders for surface reclamation and restoration of all disturbed areas.

On private surface/federal mineral estate land the reclamation procedures on the road and well pad shall be accomplished in accordance with the private surface land owner agreement.