If earthen pits are used in association with the drilling of this well, an OCD pit permit must be obtained prior to pit construction.

Oil Cons. N.M. DIV-Dist. 2 1301 W. Grand Avenue OCD-ARTESIA Artesia, NM 88210

SEP 1 1 2007

OMB NO. 1004-0137

(April 2004) UNITED STATES

Expires: March 31,2007

	DEPARTMENT OF THE	5	. Lease Serial	No.				
	BUREAU OF LAND MAN	į	NM-29623					
	APPLICATION FOR PERMIT TO D	6	6. If Indian, Allottee or Tribe Name					
				ļ		Not Applicab	ole	
				7	. If Unit or CA	Agreement, N	lame and No.	
la.	Type of Work. X DRILL	REENT	TER			Not Applicab	ole	
	· · · · · · · · · · · · · · · · · · ·			8	8. Lease Name and Well No.			
1b.	Type of Well: Oil Well X Gas Well Other		Single Zone X Multiple Zo	one	Filaree AEL Federal #6 (12277)			
2	Name of Operator	Name of Operator						
	Yates Petroleum Corporati	on 255	375	- 1	30.00	5-63	988	
3a.			one No. (include area code)	10	0. Field and Po			
	, and the second se		,	Ì				
4.	105 South Fourth Street, Artesia New Mexico 88210		(505) 748-1471				Permian (76730)	
4.	Location of well (Report location clearly and In accordance v At surface	vun any	y state requirements.*)	11	1. Sec , 1., K.,	M., or Bik. An	d Survey or Area	
	1650' FSL and 1650'	FWI.	Unit K. NESW			41 AC 7000	DACE	
	At proposed prod. zone	23,	- Carre 12, 1120 11	1	Se	ction 26, T8S-	K20L	
		ame as	above					
14.	Distance in miles and direction from the nearest town or post	office*		1	2. County or Pa	arish	13. State	
	Approximately Twenty (20) miles N	E of R	oswell, NM		Chaves (	County	NM	
15.	Distance from proposed*		16 No. of acres in lease	17 Spaci	ng Unit dedicat	ed to this well		
	location to nearest							
	property or lease line, ft		10.00	f 1				
10	(Also to nearest drlg unit line, if any) 1650' Distance from proposed location*		1840.00	20 DIA		0 acres S/2		
10.	to nearest well, drilling, completed,		19 Proposed Depth	20 BLM	BIA Bond No.	on me		
	applied for, on this lease, ft. 3050'		6460'		NATIONWIDE BOND #NMB000434			
21.	Elevations (Show whether DF. RT, GR, etc.)		22. Aproximate date work will		23. Estimated duration			
	2020) CI		l aun			20 D		
_	3928' GL .		ASAP		<u> </u>	30 Day	<u>s</u>	
					NTROLLED W	ATER BASIN		
The	following, completed in accordance with the requirements of o	Onshore	e Oil and Gas Order No. 1 shall b	e attached	to this form			
ī.	Well plat certified by a registered surveyor.		4 Rond to cover the o	nnerations	unless covered	hv existing hor	nd on file(see	
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>Bond to cover the operations unless covered by existing bond on file(see item 20 above).</li> </ol>							id on mousee	
3	A Surface Use Plan ( if the location is on National Forest System	on.						
	SUPO shall be filed with the appropriate Forest Service Office	cific infor	nation and/ or p	olans as may be	required by the a			
_	<u> </u>		authorized officer.					
25	Signature ( )	Name (	(Printed/ Typed)			Date		
	Lastre S. Carland		De	ebbie L. C	affall		8/7/2007	
Title					·			
	Regulatory Agent							
App	757 JOHN S. SIMITZ	Name	(Printed/ Typed)	C i k #		DateSEP	06 2007	
		15	S/JOHN S. S	SIM	112	OEF	06 2 <b>007</b>	
Title	,,	Office						
	I ande And Minerale	l	and ware riffe all	16日	AP	PROVED E	Delayu & Ge	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to cc operations thereon.

Conditions of approval, if any, are attached

Fitle 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the Unite States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\* (Instructions on page 2) APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

C-144 attacked

#### District I

►\$25 N. French Dr., Hobbs, NM 88240

Distric II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

<sup>4</sup> Property Code

12277

7 OGRID No.

025575

District IV

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

<sup>1</sup> API Number

### State of New Mexico

Energy, Minerals & Natural Resources Department

#### OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

<sup>5</sup> Property Name

FILAREE AEL FEDERAL

<sup>8</sup> Operator Name

YATES PETROLEUM CORPORATION

<sup>2</sup> Pool Code

76730

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

<sup>6</sup> Well Number

<sup>9</sup> Elevation

3928'

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>3</sup> Pool Name

Undes. Foor Ranch: Pre-Permian

			**-		<sup>10</sup> Surface	Location		<u></u>	
UL or lot no.	Section 26	Township 8S	Range 26E	Lot Idn	Feet from the 1650	North/South line SOUTH	Feet from the	East/West line WEST	County CHAVES
· · · · · · · · · · · · · · · · · · ·	<u> </u>	L	11 Bc	ottom Ho	le Location It	Different Fron	n Surface		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acre 320 S/2	s <sup>13</sup> Joint o	r Infiil 1	<sup>4</sup> Consolidation	Code 15 Or	der No.				
No allowable division.	will be ass	signed to	this complet	tion until a	ll interests have	been consolidated	or a non-standar	rd unit has been app	proved by the
16							I hereby ceruft to the best of n owns a workin the proposed b location pursu interest, or to to	L Caffall Name	
	450'			N	M-29623		I hereby co plat was p made by m	VEYOR CERT ertify that the well local lotted from field notes of the or under my supervise and correct to the be	tion shown on this of actual surveys ion, and that the
		1400				,	<b>1</b>	rey d Seal of Professional Surv ORIGINAL PLAT	eyor
							Certificate N	umber	

DISTRICT 1 1825 M. Fresch Br., Bobbs, 194 86240 DISTRICT II 621 South Pirst, Artesia, NM 88210

State of New Mexico Energy, Minerale and Notural Resources Department

POTHE LTIME Revised March 17, 1900 instruction on back Submit to Appropriate District Office State Leans - ' Copice Pee Lease - 3 Toules

East/West line

County

DISTRICT' III 1000 Rio Brazos Rd., Aztec, NM 87410 DISTRICT IV 2040 South Pacheco, Santa Fe, NM 87505

UL or lot No.

Dedicated Acres

323

Section

Township

Joint or Infill

Range

Consolidation Code

Lot Idn

#### OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe. New Mexico 87504-2088

☐ AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number				Pool Code		Wi	Pool Name ldcat Basem	ent	
Property	Code		Property Name  FILAREE "AEL" FEDERAL					Well Number 6	
ogrid n 025575		Operator Name  YATES PETROLEUM CORPORATION					Elevation 3928		
					Surface Loc	ation	,	,	
UL or lot No.	Section 26	Township 8S	Range 26E	lot idn	Peet from the	North/South line SOUTH	Feet from the 1650	East/West line WEST	County CHAVES

## NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED

Bottom Hole Location If Different From Surface

North/South line

Feet from the

Feet from the

Order No.

-			OPERATOR CERTIFICATION  I hereby certify the the information contained herein is true and complete to the best of my knowledge and beltef.  Signature
	1		Robert Asher  Printed Name Regulatory Agent Title July 20, 2005 Date  SURVEYOR CERTIFICATION
N.33*35'16.9" W.104*16'15.2" N.941423.8 E.519179.6 (NAD-27) 3928 3920		NM-29623	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 beltef.  5/05/2005  Date Surveyed  Signature & Saal of
3915 3922 1650		-	Certificate Normarschel Bores RLS 364

#### YATES PETROLËUM CORPORATION Filaree AEL Federal #6

1650' FSL and 1650' FWL Section 26, T8S-R26E Chaves County, New Mexico

1. The estimated tops of geologic markers are as follows:

Seven Rivers	285'	Wolfcamp	5145'
Queen	610'	Wolfcamp B Zone	5235'
Penrose	705'	Spear Zone	5475'
Grayburg	835'	Cisco	5715'
San Andres	1100'	Strawn	5835'
Glorieta	2170'	Mississippian	6000'
Yeso	2295'	Siluro-Devonian	6085'
Tubb	3720'	Precambrian	6360'
Abo	4450'	TD	6460'

2. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:

Water:

150'-200'

Oil or Gas: All potential zones.

3. Pressure Control Equipment: BOPE will be installed on the 8 5/8" casing and rated for 2000 BOP systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout Preventor controls will be installed prior to drilling the surface plug and will remain in use until the well is completed or abandoned. Preventors will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. See Exhibit B.

#### **Auxiliary Equipment:**

- A. Auxiliary Equipment: Kelly cock, pit level indicators, flow sensor equipment and a sub with full opening valve to fit the drill pipe and collars will be available on the rig floor in the open position at all times for use when kelly is not in use.
- 4. THE PROPOSED CASING AND CEMENTING PROGRAM:
  - A. Casing Program: (All New)

Hole Size	Casing Size	Wt./Ft	<u>Grade</u>	Coupling	<u>Interval</u>
12 1/4	8 5/8"	24#	J-55	ST&C	0-1100' WITNESS
7 7/8"	5 1/2"	15.5#	J-55	ST&C	0-6460'

1. Minimum Casing Design Factors: Collapse 1.125, Burst 1.0, Tensile Strength 1.80

## Filaree AEL Federal #6 Page 2

#### B. CEMENTING PROGRAM:

Surface Casing: 450 sx Lite "C" (YLD 2.0 WT 12.5). Tail in with 200 sx "C" with 2% CaCL2 (YLD 1.33 WT 15.6). Circulate cement to surface.

Production Casing: 650 sx Pecos Valley Lite (YLD 1.42 WT 13.0). TOC approx. 4050' Sufficient to tie back 500 feet above the uppermost perforation in the pay zone.

#### 5. MUD PROGRAM AND AUXILIARY EQUIPMENT:

<u>Int</u> erval	Type	Weight	Viscosity	Fluid Loss
0-1100'	FW GEL, Paper, LCM	8.6 - 9.5	32-35	N/C
1100'-4500'	Brine	10 - 10.2	28	N/C
4500'-6460'-	Starch/Salt Gel/4-6% KCL	9.6-9.8	45-55	<6 cc

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain a blow out will be available at the well site during drilling operations. Mud will be checked hourly by rig personnel.

#### 6. EVALUATION PROGRAM:

Samples: 10' samples from surface to TD.

Logging: Platform Express; CNL/LDT/NGT TD-Surf Csg; CNL/GR TD-Surf; DLL/MSFL

TD-Surf Csg: BHC Sonic TD-Surf Csg

Coring: None DST's: None.

#### 7. ABNORMAL CONDITIONS, BOTTOM HOLE PRESSURE, AND POTENTIAL HAZARDS:

Anticipated BHP:

From: 0 TO: 1100' Anticipated Max. BHP: 400 PSI From: 1100' TO: 6460' Anticipated Max. BHP: 3400 PSI

Abnormal Pressures Anticipated: None

Lost Circulation Zones Anticipated: None.

H2S Zones Anticipated: None Anticipated

Maximum Bottom Hole Temperature: 110 F

#### 8. ANTICIPATED STARTING DATE:

Plans are to drill this well as soon as possible after receiving approval. It should take approximately 25 days to drill the well with completion taking another 20 days.

#### MULTI-POINT SURFACE USE AND OPERATIONS PLAN Yates Petroleum Corporation

#### Filaree AEL Federal #6

1650' FSL and 1650' FWL Section 26, T8S-R26E Chaves County, New Mexico

This plan is submitted with Form 3160-3, Application for Permit to Drill, covering the above described well. The purpose of this plan is to describe the location of the proposed well, the proposed construction activities and operations plan, the magnitude of the surface disturbance involved and the procedures to be followed in rehabilitating the surface after completion of the operations, so that a complete appraisal can be made of the environmental effect associated with the operations.

#### EXISTING ROADS:

Exhibit A is a portion of the BLM map showing the well and roads in the vicinity of the proposed location. The proposed well site is located approximately 20 miles northeast of Roswell, New Mexico and the access route to the location is indicated in red and green on Exhibit A.

#### **DIRECTIONS:**

Go northeast of Roswell, NM on Hwy 70 to Ponderosa Rd. Turn right, (southeast) on Ponderosa Rd and drive approximately 4 miles the El Paso Pipeline Road. Turn right & drive approx. 0.9 of a mile to road on the left. Turn left (over pipeline) and go approx. 1.1 mile to fork in the road (stay right). Drive approximately 0.6 of a mile and turn right on lease road. Drive 0.2 of a mile to Elk Oil Jan St. #3 well and continue north on road approximately 0.2 of a mile to the Jasper ARJ Federal #1 location. The access road for the Jasper ARJ Federal #5 is staked on the left (west), turn left and follow staking for approximately 0.5 of a mile to the Jasper ARJ Federal #5 location on the right, continue west for approximately 0.5 of a mile (going through a fence) to an existing trail road, follow road approximately 0.4 of a mile and turn left, continue following trail road for 300', the new access is staked on the left, follow staking southwest for approximately 500' to the SE corner of the pad.

#### 2. PLANNED ACCESS ROAD:

- A. The proposed access will be approximately 7,755' in length (of that approximately 2,436' is existing trail road), from the point of origin to the southeast corner of the pad. The road will lie in a east to west then a northwest direction.
- B. The new road will be 14 feet in width (driving surface) and will be adequately drained to control runoff and soil erosion.
- C. Existing roads will be maintained in the same or better condition.

#### 3. LOCATION OF EXISTING WELL:

- A. There is drilling activity within a one-mile radius of the well site.
- B. Exhibit D shows existing wells within a one-mile radius of the proposed well site.

#### 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES:

- A. There are production facilities on this lease at the present time.
- B. In the event that the well is productive, the necessary production facilities will be installed on the drilling pad. If the well is productive oil, a gas or diesel self-contained unit will be used to provide the necessary power. No power will be required if the well is productive of gas.

## Filaree AEL Federal #6 Page 2

#### 5. LOCATION AND TYPE OF WATER SUPPLY:

A. It is planned to drill the proposed well with a fresh water system. The water will be obtained from commercial sources and will be hauled to the location by truck over the existing and proposed roads shown in Exhibit A.

#### 6. SOURCE OF CONSTRUCTION MATERIALS:

Dirt contractor will locate nearest pit and obtain any permits and materials needed for construction.

#### 7. METHODS OF HANDLING WASTE DISPOSAL:

- A. Drill cuttings will be disposed of in the reserve pits.
- B. Drilling fluids will be allowed to evaporate in the reserve pits until the pits are dry.
- C. Water produced during operations will be collected in tanks until hauled to an approved disposal system, or separate disposal application will be submitted.
- D. Oil produced during operations will be stored in tanks until sold.
- E. Current laws and regulations pertaining to the disposal of human waste will be complied with.
- F. All trash, junk, and other waste materials will be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not approved.
- 8. ANCILLARY FACILITIES: None.

#### 9. WELLSITE LAYOUT:

- A. Exhibit C shows the relative location and dimensions of the well pad, the reserve pits, the location of the drilling equipment, rig orientation and access road approach. **Pits will be to the west.**
- B. The reserve pits will be plastic lined (12 mil. thick with an estimated volume of 24,000 bbls). Yates Petroleum Corporation is in full compliance with the OCD General Plan for Drilling Pits, approved on April 15, 2004. C-144 is attached.
- C. A 600' x 600' area has been staked and flagged.

#### 10. PLANS FOR RESTORATION:

- A. After finishing drilling and/or completion operations, all equipment and other material not needed for further operations will be removed. The location will be cleaned of all trash and junk to leave the well site in as aesthetically pleasing a condition as possible.
- B. Unguarded pits, if any, containing fluids will be fenced until they have dried and been leveled.
- C. If the proposed well is non-productive, all rehabilitation and/or vegetation requirements of the Bureau of Land Management will be complied with and will be accomplished as expeditiously as possible. All pits will be filled level after they have evaporated and dried.

## Filaree AEL Federal #6 Page 3

#### SURFACE OWNERSHIP:

Bureau of Land Management Roswell, New Mexico 88210

#### 12. OTHER INFORMATION:

- A. Topography: Refer to the existing archaeological report for a description of the topography, flora, fauna, soil characteristics, dwellings, historical and cultural sites.
- B. The primary surface use is for grazing.

#### 13. OPERATOR'S REPRESENTATIVE:

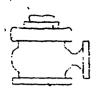
A. Through A.P.D. Approval: B. Debbie L. Caffall, Regulatory Agent Yates Petroleum Corporation 105 South Fourth Street Artesia, New Mexico 88210 Phone (505) 748-1471

Through Drilling, Completions & Prod. Ray Stall, Operations Manager Yates Petroleum Corporation 105 South Fourth Street Artesia, New Mexico 88210 Phone (505) 748-1471

## CERTIFICATION YATES PETROLEUM CORPORATION

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

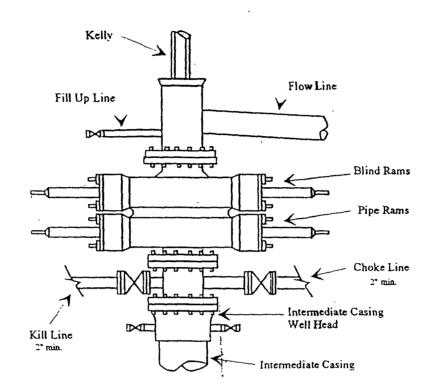
Executed this 7th	lay of <u>August</u>	, 2007					
Name Debbie L. Caffall	Dolphia &	Cappalo.					
Position Title Regulatory Ager	<u>1t</u>	(X)					
Address 105 South Fourth Street, Artesia, NM 88210							
Telephone <u>505-748-4376</u>							
Field Representative (if not above signatory) Jim Krogman							
Address (if different from above) Same							
Telephone (if different from above) 505-748-4215							
E-mail (optional)							



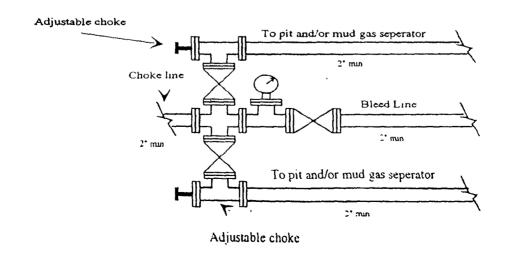
/ates Petroleum Corporation filaree AEL Federal #6 650' FSL and 1650' FWL fection 26, T8S-R26E haves County, New Mexico xhibit "B"

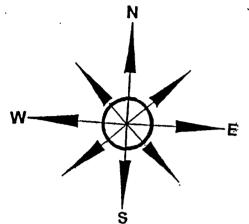
## Yates Petroleum Corporation

Typical 2,000 psi Pressure System
Schematic
Double Ram Preventer Stack



Typical 2,000 psi choke manifold assembly with at least these minimun features



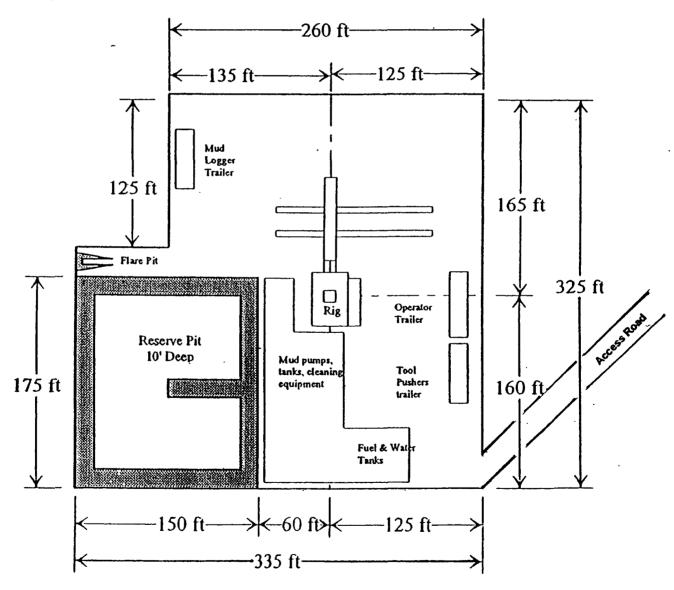


# Yates Petroleum Corporation Location Layout for Permian Basin

Up to 12,000'

Yates Petroleum Corporation

Filaree AEL Federal #6 1650' FSL and 1650' FWL Section 26, T8S-R26E Chaves County, New Mexico Exhibit "C"



Distance from Well Head to Reserve Pit will vary between rigs

The above dimension should be a maximum

## EXHIBIT A

8/15/07

1.

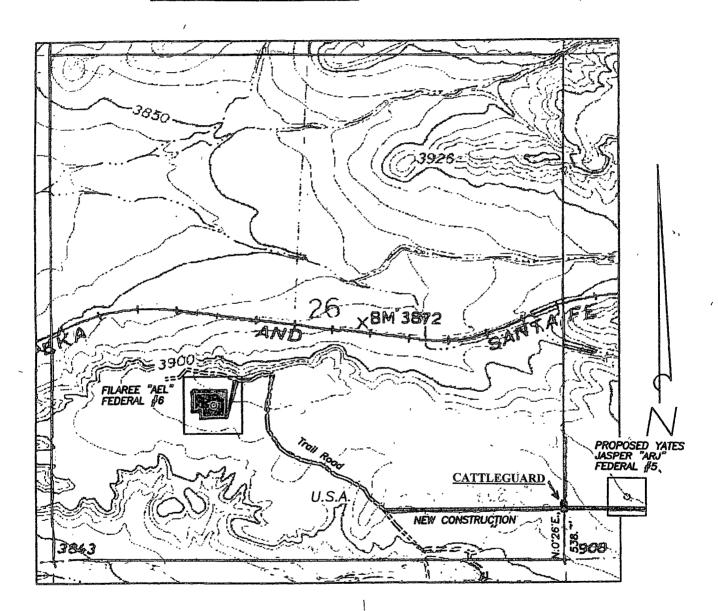
OPERATORS NAME: <u>Yates Petroleum Corporation</u> LEASE NO.: <u>NM-29623</u>

WELL NAME & NO: Filaree "AEL" Federal #6

QUARTER/QUARTER & FOOTAGE: NE'4SW'4 - 1650' FSL & 1650' FWL

LOCATION: Section 26, T. 8 S., R. 26 E., NMPM

COUNTY: Chaves County, New Mexico



#### V. 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

Chaves and Roosevelt Counties: Call the Roswell Field Office, 2909 West Second St., Roswell NM 88201. During office hours call (505) 627-0258. After office hours call (505) 200-7902.

1. 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.

#### **B.** CASING

- 1. The 8-5/8 inch surface casing shall be set at 1100 feet and cemented to the surface.
  - 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 compression 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 compression 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 5-1/2 inch production casing is to reach at least 500 feet above the top of the uppermost hydrocarbon productive interval.

#### 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. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be 2000 (2M) psi.

- 3. 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.

#### D. DRILLING MUD

Mud system monitoring equipment, with derrick floor indicators and visual and audio alarms, shall be operating before drilling into the Wolfcamp formation, and shall be used until production casing is run and cemented.

- 1. Recording pit level indicator to indicate volume gains and losses.
- 2. Mud measuring device for accurately determining the mud volumes necessary to fill the hole during trips.
- 3. Flow-sensor on the flow line to warn of abnormal mud returns from the well.

#### E. DRILL STEM TEST

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

Engineer on call phone (after business hours only): Roswell: (505) 626-5749

#### VI. PRODUCTION

#### 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, <u>Olive Drab, Munsell Soil Color Chart 18-0622 TPX</u>.

#### **VRM Facility Requirement**

Low-profile tanks not greater than eight-feet-high shall be used.

#### VII. 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.

During reclamation, the removal of caliche is important to increasing the success of revegetating the site. Removed caliche may be used in road repairs, fire walls or for building other roads and locations. In addition, 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.

#### **B. RESERVE PIT CLOSURE**

At the time reserve pits are to be reclaimed, 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.

The reserve pit, when dried and closed, shall be recontoured, all trash removed, and reseeded as follows:

Soil: Sotim-Simona association, moderately undulating Ecological Site: Shallow Sand SD-3, Ecological Site: Sandy SD-3

Common Name

Pounds of Pure

and Preferred Variety

Scientific Name

Live Seed Per Acre

Black grama

(Bouteloua eriopoda)

5.00 lbs.

or Blue grama, var. Lovington

(Bouteloua gracilis)