FORM APPROVED

OCD-ARTESIA

NOV 06 2007

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Form 3160-3

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(February 2005)	SECKETARY.	S POTASH		OMB NO. 10	004-0137
	ED STATES	RESUBMIT	TAL	Expires: Marc	h 31,2007
arthen pits are used in	Γ OF THE INTE	RIOR ! MESUDIVITI	1 AL 5	. Lease Senal No.	
ciation with the drilling of this	AND MANAGE		ŀ	NM-85	891
, an OCD pit permit must be		OR REENTER	6	. If Indian, Allottee or Tri	
nined prior to pit construction.				,,	
	=======================================			. If Unit or CA Agreemer	nt. Name and No
la. Type of Work: X DRILL	REEN	TER	'	i i om or or rigidomor	.,
			8	. Lease Name and Well N	
1b. Type of Well. X Oil Well Gas W	ell Other	Single Zone Multiple 2	Cone ·	Knoll AOK F	ederal #3 /575
2. Name of Operator			9	. API Well No.	
Yates Petrole	um Corporation 025	575		30-015-3	5907
3a. Address		one No (include area code)	10). Field and Pool, or Explo	oratory
105 South Fourth Street, Artesia, NM	88210	505-748-1471		Cedar Canyon; Bon	o Spring (11570)
4: Location of well (Report location clearly and			11	. Sec., T., R., M., or Blk.	
At surface		•		, , , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, ,
2310	' FNL and 480' FEL	Unit Letter H		Section 3, T 24	I S, R 29 E
At proposed prod. zone	Sa	me .	1	,	•
14: Distance in miles and direction from the neare			12	. County or Parish	13. State
Annewimetaly	14 miles east of Males	TO NIM	Ì	70.11	
15. Distance from proposed*	34 miles east of Malag	16. No. of acres in lease	17 Spacin	Eddy ig Unit dedicated to this w	NM NM
location to nearest			Tr. Space	is one dedicated to this w	
property or lease line, ft.		l	1		3
(Also to nearest drlg unit line, if any)	480'	318.62	ļ	40 SE/4NE/4	4
 Distance from proposed location* to nearest well, drilling, completed, 		19. Proposed Depth	20. BLM/	BIA Bond No. on file	
applied for, on this lease, ft.	.4 of mile	9,250] .	NATIONWIDE BOND #	NMR000434
21 Elevations (Show whether DF, KDB, RT, GL,		22. Aproximate date work wil		23. Estimated duration	
20(1.6)		4047			
3061 GL		ASAP		45 d	lays
The Call of the Land of the Land		24. Attachments	•		
The following, completed in accordance with the re	equirements of Onsnor	e Oil and Gas Order No 1 shall	be attached	to this form:	
1. Well plat certified by a registered surveyor.		4. Bond to cover the	operations u	inless covered by existing	bond on file(see
2. A Drilling Plan.		item 20 above).	-	, ,	·
3 A Surface Use Plan (1f the location is on Natio		•			
SUPO must be filed with the appropriate Fores	it Service Office).	6. Such other site spe BLM	cific inform	ation and/ or plans as may	y be required by the
25 B					
25 Signature	Name	(Printed/ Typed)	0.0	Date	0.43/300#
Trate My Way			Cy Cowa	<u> </u>	9/13/2007
Title Regulatory Agent					
Approved By (Signature) /S/ Linda S.C. Runde	Name	(Printed/ Typed) /s/ Linda S.C. Run		DaNOV	1 2007
/s/ Linda S.C. Runde	11	/s/ Linda S.C. Run	idell		
Title STATE DIRECTOR	Office	NM STA	TE OF	TOP	
— — — · · ·	!	- 11.17 D 1 VJ	IL UL	411 H	

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 co

Conditions of approval, if any, are attached.

APPROVAL FOR TWO YEARS

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

operations thereon.

CARLSBAD CONTROLLED WATER BASIN

C-144 attached

SEE ATTACHED FOR CONDITIONS OF APPROVAL

Witness Surface & Intermediate Casing APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS **ATTACHED**

District 1 1625 N. French Dr., Hobbs, NM 88240 District II

1000 Rio Brazos Rd., Aztec, NM 87410

1301 W. Grand Avenue, Artesia, NM 88210 District III

40 SE/4NE/4

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

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102 Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

☐ AMENDED REPORT

Fee Lease - 3 Copies

WELL LOCATION A	AND ACDEA	CE DEDICA	TIONIDI AT
	AND ACKEA	GE DEDICA	HUN PLAT

	1 API Numbe		1	² Pool Code			³ Pool Nar	ne		
30- d	215 - 3	35109					Wildcat Bone	Spring		
4 Property					5 Property N	lame			6 W	ell Number
1575	51				Knoll AOK	Federal				3
⁷ OGRII	No.				8 Operator N	lame			9	Elevation
025575					Yates Petro	oleum Corporation	I		`	3058
					¹⁰ Surface]	Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Wes	t line	County
Н	3	24 S	29 E		2310	North	480	East	t	Eddy
		-	11 Bo	ttom Ho	le Location If	Different Fron	1 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 Acr	es 13 Joint o	r Infill 14 C	onsolidation (Code 15 Or	đer No.					

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.

T16		NM-85891	17 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 or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to voluntary pooling pageement or a compulsory pooling order heritofore intered by the division 9/10/07 Signature Date Cy Cowan, Regulatory Agent Printed Name
			18 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 Date of Survey Signature and Seal of Professional Surveyor: REFER TO ORIGINAL PLAT Certificate Number

State of New Mexico

Energy, Minerale and Ratural Resources Department

Form C-103 Revised March 17, 1999 Instruction on back

Submit to Appropriate District Office

State Lease - 4 Copies Foe Lease - 3 Copies

· Ø

RICT I IL French Dr., Hobbe, HM 58240 STRICT II I South First, Artenda, NM 88210

DISTRICT III 1000 Bio Brazos Rd., Aztec, NM 07410

DISTRICT IV 2040 South Pacheco, Santa Fe, NM 87505

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	Pool Name
		Wildcat Bone Spring
Property Code	Property Name	Well Number
	KNOLL "AOK" FEDERAL	3
OGRAD No.	Operator Name	Elevation
025575	YATES PETROLEUM CORPORATIO	3058

Surface Location

-	UL or lot No.	Section	Township	Range	Lot idn	Feet from the	North/South line	Feet from the	East/West line	County
ļ	н	3	245	29E		2310	NORTH	480	EAST	EDDY

Bottom Hole Location If Different From Surface

	UL or lot No.	Section	Township	Range	Lot Ida	Foot from the	North/South line	Foot from the	East/West line	County
1		<u> </u>	<u> </u>	<u> </u>	<u> </u>					
_	Dodicated Acre	Joint o	e punt C	noidation	Code Or	der No.				···
ł	40									

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

N.32*14*51.5" W.103*57*55.4" N.454022.0 E.655087.4 (NAD-84) Subs Subs OPERATOR CERTIFICATION I hereby certify the the information consistence here in the regulatory agent Title Trinted Name Regulatory Agent Title July 11, 2006 Date Surveyor Certification Surveyor certify that the well location shown on this plat was plotted from field notes of enter surveys made by me or under my unspervison, and that the same to true and correct to the best of my baltef. A/27/2006 Date Surveyord Surveyor	N.32*14*51.5" W.103*57*55.4" N.454022.0 E.655087.4 (NAD-84) N.30*3 N.30*3
Certificate No. Herschel L. Jones Fils 3640	550 5

2310' 1980' 1650'

660' 330'

1650' 1980' 2310'

YATES PETROLEUM CORPORATION **Knoll AOK Federal #3**

2310' FNL & 480' FEL Section 3-T24S-R29E Eddy County, New Mexico

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

	2121212		
Rustler	312'-Oil Pay 🦯	Brushy Canyon Marker	6560'-Gas Pay
Top of Salt	700'-Oil Pay 7	Bone Spring	6830'-Gas Pay
Base of Salt	3060'-Oil Pay 🎁	1 st Bone Spring Sand	7830'-Gas Pay
Bell Canyon	3170'-Oil Pay	2 nd Bone Spring Sand	8700'-Gas Pay
Cherry Canyon	4092'-Gas Pay	TD	9250'-Gas Pay
Brushy Canyon	5200'-Gas Pav		·

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

Water:

Approx 150'

Oil or Gas: All potential zones.

Pressure_Control_Equipment:_BOPE_will_be_installed_on_the_13_3/8"_casing_and_rated_for_ 3000 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:

- Α. 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.
- THE PROPOSED CASING AND CEMENTING PROGRAM: 4.
 - A. Casing Program: (All New)

<u>Hole Size</u>	Casing Size	Wt./Ft	<u>Grade</u>	Coupling	<u>Interval</u>	<u>Length</u>
17 1/2"	13 3/8"	48#	H-40	ST&C	0-700'	700'
11"	8 5/8"	32#	J- 55	ST&C	0-100'	100'
11"	8 5/8"	24#	J-55	ST&C	100'-2200'	2100'
11"	8 5/8"	32#	J-55	ST&C	2200'-3150'	950'
7 7/8"	5 1/2"	17#	J-55	LT&C	0-600'	600'
7 7/8"	5 1/2"	15.5#	J-55 (LT&C	600'-6300'	5700'
7 7/8"	5 1/2"	17#	J-55	LT&C	6300'-9250'	2950'

Yates Petroleum Corporation requests a variance to install a rotating head on the surface casing strings when intermediate casing will be set. If a BOP system is required then we wish to install a 2M system and receive a variance to test the system to 1000# using the rig pumps. The test will be held for 30 minutes on each system component. Components to be tested include pipe rams, blind rams, and annular preventer.

Minimum Casing Design Factors: Collapse 1.125, Burst 1.0, Joint Strength 1.8

Knoll AOK Federal #3 Page 2

B. **CEMENTING PROGRAM:**

Surface casing: 350 sx Lite "C" (YLD 1.98 WT 12.6); Tail in w/ 200 sx Class "C" + 2% CaCl2 (YLD 1.36 WT 14.8). Surface

Intermediate Casing: 600 sx Lite "C" (YLD 2.18 WT 12.4); Tail in w/ 200 sx "C" + 2%

CaCl2 (YLD 1.31 WT. 14.8) Surface

Production Casing: Stage I: TOC 6000', 800 sx Pecos VILt (YLD 14:1 WT 13.0)TOC 6000'

Stage II: 700 sx Lite Crete (YLD 2.78 WT 9.90); Tail in w/ 100 sx

Pecos VILt (YLD 13:0 WT 1-48) Surface

1,41

5. Mud Program and Auxiliary Equipment:

Weight Viscosity* Fluid Loss Interval Type 0-700' Fresh Water 8.6-9.2 32-34 N/C 700'-3150' Brine 10.0-10.2 28 N/C 28 N/C 3150'-8000' Cut Brine 8.8-8.8 8000'-9150' **Cut Brine** 8.8-8.9 28 N/C 9150'-9250' Cut Brine 8.9-9.10 28 <15-20

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: 30' samples surface to 3000'; 10' samples 3000'-TD.

Logging: Platform HALS; CMR. Coring: None Anticipated. DST's: As warranted.

7. Abnormal Conditions, Bottom hole pressure and potential hazards:

Anticipated BHP:

8.

From: 0 700' Anticipated Max. 325 **PSI** TO: BHP: 700' 3150' BHP: **PSI** From: TO: Anticipated Max. 1670 3150' BHP: PSI TO: 9250' Anticipated Max. 4375 From:

No abnormal pressures or temperatures are anticipated.

Lost Circulation Zones Anticipated: None.

H2S Zones Anticipated: None

Maximum Bottom Hole Temperature: 168 F

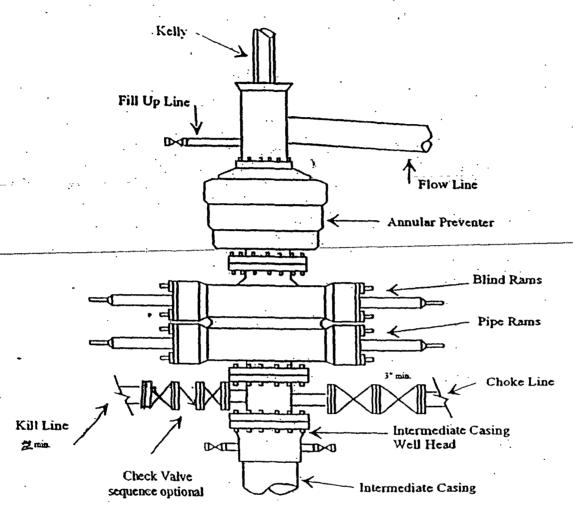
ANTICIPATED STARTING DATE:

Plans are to drill this well as soon as possible after receiving approval. It should take approximately 30 days to drill the well with completion taking another 15 days.

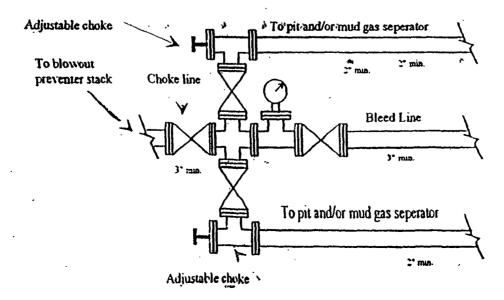


Yates Petroleum Corporation

Typical 3,000 psi Pressure System
Schematic
Annular with Double Ram Preventer Stack



Typical 3,000 psi choke manifold assembly with at least these minimum features



MULTI-POINT SURFACE USE AND OPERATIONS PLAN Yates Petroleum Corporation

Knoll AOK Federal #3

2310' FNL & 480' FEL Section 3-T24S-R29E Eddy 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.

1. 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 wellsite is located approximately 36 miles east of Malaga, New Mexico and the access route to the location is indicated in red and green on Exhibit-A.

DIRECTIONS:

Go east of Malaga, New Mexico on Duarte Road (CR-720) for .7 of a mile to Harroun Road (CR-745). Turn left on Harroun Road and go approx. 2.9 miles to Dog Town Road (CR-788). Turn right on Dog Town Road and go approx. 1.1 miles. Turn left here on caliche road and go 1.9 miles. Turn left here at a cattleguard and go past dry hole location with tanks on it to one more cattleguard. From the cattleguard go north on lease road for approx. 4 of a mile to the River Bend Federal #1 well. Follow the lease road to the left and go up the hill for approx. .6 of a mile to the HB 3 Federal #2 Battery. Follow the lease road for approximately .8 of a mile. The new road will start here going north for approximately 300 feet to the southeast corner of the proposed well location. Please note this road will pass the proposed Knoll AOK Federal #3 location while going to the Knoll AOK Federal #2.

2. PLANNED ACCESS ROAD.

- A. The proposed new access will be approximately 300 feet going north to the southeast corner of the drilling pad. The road will lie in a south to north 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. The new road will be bladed with drainage on one side. Traffic turnouts may be built.
- D. The route of the road is visible.
- E. Existing roads will be maintained in the same or better condition.

LOCATION OF EXISTING WELL

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

Knoll AOK Federal #3 Page 2

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.

5. LOCATION AND TYPE OF WATER SUPPLY:

A. It is planned to drill the proposed well with a fresh water system. The fresh 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 closest 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 land fill. 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.

B. The reserve pits will be plastic lined and will face to the north. Yates Petroleum Corporation is in full compliance with the OCD General Plan for Drilling Pits approved on April 15, 2004.

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 wellsite 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.

Knoll AOK Federal #3 Page 3

- 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.
- 11. SURFACE OWNERSHIP: Federal surface, Administered by the Bureau of Land Management, Carlsbad, New Mexico.
- 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. Through Drilling Operations,
 Completions and Production:

Cy Cowan, Regulatory Agent Yates Petroleum Corporation 105 South Fourth Street Artesia, New Mexico 88210 Phone (505) 748-1471 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; and an someone under employment of Yates Petroleum Corporation has 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 14th day of September , 20 07
Signature / Way
Name Cy Obwan
Position Title Regulatory Agent
Address 105 South Fourth Street, Artesia, New Mexico 88210
Telephone (505) 748-4372
Field Representative (if not above signatory) Jim Krogman, Drilling Supervisor
Address (if different from above) Same as above.
Telephone (if different from above) (505) 748-4215
1000 (11 different from 400 vo) (500) / 10 1215
E-mail (optional)

VII. DRILLING

A. DRILLING OPERATIONS REQUIREMENTS

The BLM is to be notified a minimum of 2 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, (505) 361-2822

- 1. Although no Hydrogen Sulfide has been reported in this section, it is always a potential hazard.
- 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. When floor controls are required, (3M or Greater) 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

- 1. The 13-3/8 inch surface casing shall be set a minimum of 25 feet into the Rustler Anhydrite and above the salt at approximately 700 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 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.

Possible lost circulation in the Delaware and Bone Spring formations. Moderate cave/karst.

- 2. The minimum required fill of cement behind the 8-5/8 inch intermediate casing is:
 - Cement to surface. If cement does not circulate see B.1.a-d above.
- 3. The minimum required fill of cement behind the 5-1/2 inch production casing is:
 - Cement to surface. If cement does not circulate, contact the appropriate BLM office.

Both stages to circulate.

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. 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. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the 8-5/8" intermediate casing shoe shall be 3000 (3M) psi.
- 4. The appropriate BLM office shall be notified a minimum of 2 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 the surface casing and BOP/BOPE to the reduced pressure of 1000 psi with the rig pumps is approved.

D. DRILL STEM TEST

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

Engineer on call phone (after hours): Carlsbad: (505) 706-2779

WWI 100507