			K	-66-56	
association association	n pits are used in on with the drilling of th OCD pit permit must be	nis	<i>3</i> °	-00-11 8123/06	
well, all well, all obtained	prior to pit construction	n.	1 0		
Form 3160-3 obtained (August 1992)			OMB No. 1004	I-0136	
UNITED STATES	RESUBMIT	TAL	Expires November 30, 2000		
2 MEPARTMENT OF THE I	NTERIOR		5. Lease Serial No.		
RECENTIVE BUREAU OF LAND MANAG	EMENT		NM-88092		
UNITED STATES UNITED STATES PRECIPILE STEPAR TMENT OF THE IS BUREAU OF LAND MANAGE OF PLICATION FOR PERMIT TO DI	RILL OR REENTER		6. If Indian, Allottee or Trib	e Name	
	ENTER		7. If Unit or CA Agreement	t, Name and No.	
	· ,		34528		
	ПП		8. Lease Name and Well No	0.	
b. Type of Well: Oil Well Gas Well Well	Single Zone	Multiple Zone	Anadarko Pardue Farms	ANQ Fed. Com. 2	
2. Name of Operator	2010		9. API Well No.		
	CONTROLLED WATER	BASIN	30-015-3	35197	
3A. Address 105 South Fourth Street	3b. Phone No. (include area code	e) ·	10. Field and Pool, or Explo		
Artesia, New Mexico 88210	(505) 748-147	1	Indian Basin; Upper Peni	n Assoc 33685	
4. Location of the location clearly and in accordance with any			11. Sec., T., R., M., or Blk,		
At surface Like Approved 573' FNL and 485' FWL S	Surface Location, Unit D	1	Section 27, T2	1S-R24E	
At proposed State 660' FNL and 660' FWL Be	ottom Hole Location, Ur	it D			
14. Distance in miles and direction from nearest town or post office*			12. County or Parish	13. State	
Approximately 31 miles northwest of Carlsbad, Ne			Eddy County	NM	
15. Distance from proposed* location to nearest property or lease line, ft. 660'	16. No. of Acres in lease	17. Spacing U	nit dedicated to this well		
property or lease line, ft. (Also to nearest drig. unit line, if any)	80		N/2		
18. Distance from proposed location*	19. Proposed Depth	20. BLM/BIA	Bond No. on file	(38	
applied for, on this lease, ft. 1500'	to nearest well, drilling, completed,				
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will	start*	23. Estimated duration		
3621'	ASAP		45 days		
	24. Attachments				
The following, completed in accordance with the requirements of Onshor	e Oil and Gas Order No. 1, shall be	attached to this	form:		
Well plat certified by a registered surveyor.	Al Dente	_ 41	11	h 4 61- (
Well plat certified by a registered surveyor. A Drilling Plan.	1.	="	s unless covered by an existing	bond on the (see	
 A Surface Use Plan (if the location is on National Forest System Land 	Item 20 above 5. Operator certi	•			
SUPO shall be filed with the appropriate Forest Service Office.			nation and/or plans as may be n	agrical by the	
Sol o shall be fired with the appropriate Porest Set vice office.	authorized off	•	lation and/or plans as may be i	equired by the	
25. Signature	Name (Printed/Typed)		Date		
(/s (man	Cy Cowan		•	8/22/2006	
Regulatory Agent	_ joj ooman			U.LLILUUU	
Regulatory Agent					
Approved by (Signature) James Stovall ACTING	Name (Printed/Typed)		1907	1 은 2006	
FIELD MANAGER	Office CARLSBAD	FIELD O	FFICE		
Application approval does not warrant or certify that the applicant holds	legal or equitable title to those righ	ts in the subject	lease which would entitle the a	pplicant to conduct	
operations thereon.		-	•	_	
Conditions of approval, if any, are attached.			APPROVAL FO	UK I YEAR	
Title 18 U.S.C. Section 1001and Title 43 U.S.C. Section 1212, make it a States any false, fictitious or fraudulent statements or representations as t			ake to any department or agenc	ey of the United	
*(Instructions on reverse) Previously Approved	C-144 attached				
Lietzonsij Approven	OVAL CI	UBJECT	TO		
SEE ATTACHED FUR	GENERAL RE	CTIDITION	ATIONS		
CONDITIONS OF APPROVAL	AND SPEC.	Palleni	71774		
COMMITTORS OF MERKUYAL	ATTACHED				
	• • •				

MARTIN YATES, III 1912 - 1985 FRANK W. YATES 1936 - 1986



105 SOUTH FOURTH STREET ARTESIA, NEW MEXICO 88210-2118

TELEPHONE (505) 748-1471

October 5, 2006

Bureau of Land Management Carlsbad, New Mexico



S. P. YATES CHAIRMAN OF THE BOARD

JOHN A. YATES PRESIDENT

PEYTON YATES EXECUTIVE VICE PRESIDENT

RANDY G. PATTERSON SECRETARY

> DENNIS G. KINSEY TREASURER



VIA FAX and HAND CARRY

Re:

Anadarko Pardue Farms ANO Federal Com. #2 573' FNL and 485' FWL Surface Location

660' FNL and 660' FWL Bottom Hole Location'

Section 27, T21S-R24E Eddy County, New Mexico

Please be advised that Yates Petroleum Corporation has a general agreement with Stacy Biebelle and Skip Shafer the private surface owners of the captioned lands for access to the well location. When approval is given by Yates Management to start construction operations in preparation for drilling this well the final monetary negations will be made with the surface owners.

Thank you.

Regulatory Agent

212223 24 20 PRESERVE OCO PER PROPERTO O State of New Mexico PISTRICT I 1975 M. Franck Dr., Hobbs, MM 86240 DISTRICT II 811 South First, Artesia, NH 88210 DISTRICT III 1000 Rio Brazos Rd., Astec, NM 87410 DISTRICT IV

K-06-56

Foe Lease - 3 Com

ERVATION DIVISION ₩.O. Box 2088 Santa Fer New Mexico 87504-2088

[] AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
	33685 Indian Basin	Woor Penn Assec.
Property Code	Property Name	Well Mumber
ļ	Anadarko Pardue Farms ANQ Federal C	om. 2
OCEID No.	Operator Name	Elevation
025575	YATES PETROLEUM CORPORATI	ON 3621'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Vost line	County
D	27	215	2 4E	ì	573 '	North	485 '	West	Eddy

Bottom Hole Location If Different From Surface

1	UL or lot No.	Section	Township	Range	Lot ldn	Foot from the	North/South line	Feet from the	East/Vest line	County
	D	27	215	24E		660'	North	660 '	West	Eddy
1	Dedicated Acres	a Joint o	e putit	Consolidation (Cods Or	der No.				
	320									

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								
\$.	FEE	NM- 89143	·	OPERATOR CERTIFICATION I havely cartify the the information contained herein is true and complete to the best of my insulaine and belief.				
				Cy Cowan Printed Name Regulatory Agent Title June 16, 2005				
NM- 88092				Date SURVEYOR CERTIFICATION I hereby cortify that the well location shown on this plat was platted from field notes of				
			·	actual curveys made by me or under my supervison, and that the same is from and correct to the best of my bolist. REFER TO ORIGINAL PLAT. Date Surveyed				
			-	Signature & Seal of Professional Surveyor				
				Certificate No. Herschel L. Jones RLS 3840 GENERAL SURVEYING COMPANY				

District I 1825 N. French Dr. Hobbs, NM 86240 District II 611 South First, Artesia, NM 66210 State of New Mexico Energy, Minerals & Natural Resources Form C-102

Revised March 17, 1999

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

District 18 1000 Ro Brozze Rd., Aztec NM 87410 OIL CONSERVATION DIVISION 2040 South Pacheco

2040 South Pacheco Santa Fe, N M 87505

MAMENDED REPORT

	WE	ELL LO	CATION	AND	ACRI	EAGE	DEDICA	TION F	PLAT	
A	Pi Number		Pool Code	•	· .		Pool Wildcat	Name.	San	
Property	ANADARKO PARDUE FARMS AND FED. COM							Well Number		
OGRID N	7 -		YATES		ration Name		DATION		362	
0233	/3	Surface Location 3621								<u></u>
UL or Lot N D	Section 27	Township 21 —	, -	-E Lot ldi	A F		North/South Hine NORTH	Feet from the 545	East/Weet line WEST	County EDDY
UL or Lot N D	Section 27	Bot Township	Ronge	Lot lds	n. F		From Sur North/South line NORTH	face Feet from the 660	Ecet/West fine	County EDDY
Dedicated Ac 320			lidation Code	Order No.			17021232	·	W222	
							I UNTIL A			BEEN
660!	SURFA	TOM E CE LOCAT	ION	NN-84	1143	760		B. B. 227 /	TOR CERTIFICATION AND CORRECT ENGVIRENCE AND	
NM-88	092	ż	A Control of the Cont	1500 2000	***************************************		· · · · · · · · · · · · · · · · · · ·	Title Re	Cy Coward agulatory rember 24	Agent
								SURVEN I HEREBY CI SHOWN ON THE SAME RI HEREBY OF MY OCTO Date of SO	OR CERT	IFICATION F WELL LOCATION LOTTED FROM WEIS MADE BY INN, AND TEAT RECT TO THE D BELLEY. 2003
								RED NM F	5412 Francisco	SHOONEER WOINEER

YATES PETROLEUM CORPORATION

Anadarko Pardue Farms ANQ Federal Com. #2 573' FNL and 485' FWL Surface Location, Unit D 660' FNL and 660' FWL Bottom Hole Location, Unit D Section 27-T21S-R24E Eddy County, New Mexico

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

San Andres	761'	Wolf Camp	6886'
Glorieta	2446'	Cisco Canyon Dolomite	7586'
Bone Spring Lime	3136'	O/W Contact	7686'
2 nd Bone Spring	3496'	Base of Dolomite	8086'
Bone Spring Lime 2 nd Bone Spring 3 rd Bone Spring	6666'	TD	8400'

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

Water:

150' - 250'

Oil or Gas: All potential Zones.

3. Pressure Control Equipment: BOPE will be installed on the 9 5/8" casing and rated for 5000 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:

Hole Size	Casing Size	Wt./Ft	<u>Grade</u>	<u>Interval</u>	<u>Length</u>
14 3/4"	9 5/8"	36#	J-55	0-1800'	1800'
8 3/4"	7" WITN	ESS 26#	J-55/L-80	0-8400'	8400'

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 varience 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

Anadarko Pardue Farms "ANQ" Federal Com. #2 Page 2

B. CEMENTING PROGRAM:

Surface Casing: 200 sx "H" (YLD 1.52 WT 14.6) 1100 sx "C" Lite (YLD 1.98 WT 12.5).

Tail in with 200 sx Class "C" +2% CaCl2 (YLD 1.34 WT 14.8).

Production Casing TOC 1600' Stage I: 1450 sx Super "C" Modified (YLD 1.63 WT 13) DV tool @ 6000'.

Stage II 700 sx Lite "C" (Yld 2.05 WT 12.7) May use nitrified mud cement job if wellbore conditions permit.

5. MUD PROGRAN AND AUXILIARY EQUIPMENT:

Interval	Type	<u>Weight</u>	Viscosity	Fluid Loss
0-1800'	FW/Air Mist	8.4	28	N/C
1800'-7550'	Cut Brine/Starch	8.8-9.0	28	N/C
7550'-8400'	SW Gel/Starch	9.0-9.4	28-32	<15

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: Every 10' out from under intermediate casing.

Logging: Platform Express/Hals/ NGT.

Coring: None anticipated. DST's: None anticipated.

7. Abnormal Conditions: none anticipated.

Bottom hole pressure and potential hazards:

Anticipated BHP:

From: 0 To: 1800' Anticipated Max. BHP: 700 PSI From: 1800' To: TD Anticipated Max. BHP: 4100 PSI

Lost Circulation Zones Anticipated: Possible in the Canyon Formation.

H2S Zones Anticipated: None.

Maximum Bottom Hole Temperature: 165 F

8. ANTICIPATED STARTING DATE:

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

MULTI-POINT SURFACE USE AND OPERATIONS PLAN Yates Petroleum Corporation

Anadarko Pardue Farms "ANQ" Federal Com. #2 573' FNL and 485' FWL Surface Location, Unit D 660' FNL and 660' FWL Bottom Hole Location, Unit D Section 27-T21S-R24E 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 well site is located approximately 31 miles northwest of Carlsbad, New Mexico and the access route to the location is indicated in red and green on Exhibit A.

DIRECTIONS:

Go north of Carlsbad, New Mexico on Highway 285 for approximately 12 miles. Turn left on Highway 137 (Scenick Byeway) and go approximately 9 miles. The new access road will start here going to the northeast.

2. PLANNED ACCESS ROAD:

- A. The new access will be approximately .1 of a mile from Hwy 137 to the southwest corner of the well pad.
- 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 rod 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 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.

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.

Anadarko Pardue Farms "ANQ" Federal Com. #2 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 closest pit and obtain any permits and materials needed for construction.

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:

A. None Required.

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.
- C. A 400' x 400' 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.

Anadarko Pardue Farms "ANQ" Federal Com. #2 Page 3

11. SURFACE OWNERSHIP: Private surface owned by Stacy Biebelle and Skip Shafer, 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:

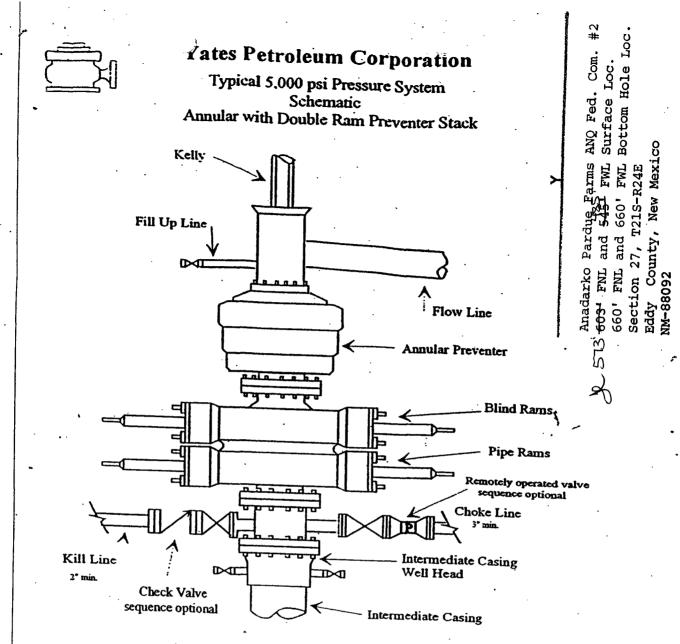
Cy Cowan, Regulatory Agent

Yates Petroleum Corporation 105 South Fourth Street Artesia, New Mexico 88210 Phone (505) 748-1471 Pinson McWhorter, Operations Manager Yates Petroleum Corporation 105 South Fourth Street Artesia, New Mexico 88210 Phone (505) 748-1471

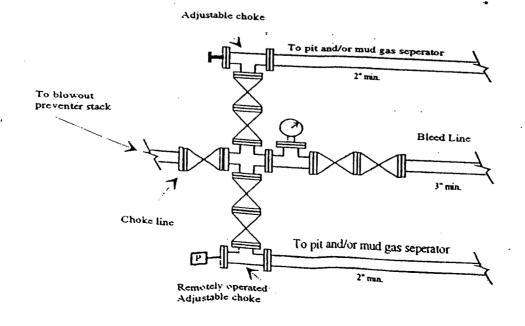
14. CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Yates Petroleum Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

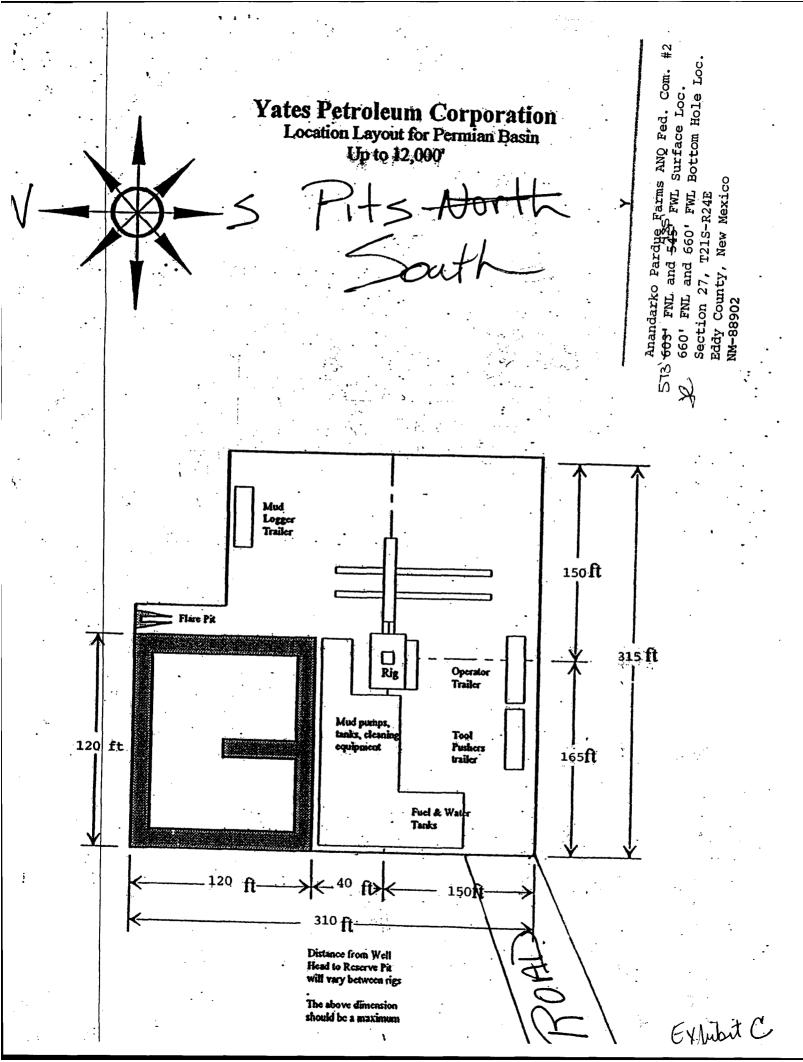
8/22/2006 Date Cy Cowan, Regulatory Agent



Typical 5,000 psi choke manifold assembly with at least these minimum features



d. New



CONDITIONS OF APPROVAL - DRILLING

Operator's Name: Yates Petroleum Corp.

Well Name & No. Anadarko Pardue Farms ANQ Fed Com # 2

Location: 573' FNL, 485' FWL, SEC 27, T21S, R24E, Eddy County, NM 660' FNL, 660' FWL, SEC 27, T21S, R24E, Eddy County, NM

Lease: NM-88092

I. DRILLING OPERATIONS REQUIREMENTS:

1. The Bureau of Land Management (BLM) is to be notified at the Carlsbad Field Office, 620 East Greene St., Carlsbad, NM 88220, (505) 361-2822 - for wells in Eddy County; and the Hobbs Field Station, 414 West Taylor, Hobbs NM 88240, (505) 393-3612 for wells in Lea County, in sufficient time for a representative to witness:

A. Spudding

B. Cementing casing: 9 5/8 inch 7 inch

C. BOP tests

- 2. A Hydrogen Sulfide (H2S) Drilling Plan should be activated prior to <u>drilling out of the surface casing</u>. A copy of the plan shall be posted at the drilling site.
- 3 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.
- 4. Submit a Sundry Notice (Form 3160-5, one original and five copies) for each casing string, describing the casing and cementing operations. Include pertinent information such as; spud date, hole size, casing (size, weight, grade and thread type), cement (type, quantity and top), water zones and problems or hazards encountered. The Sundry shall be submitted within 15 days of completion of each casing string. The reports may be combined into the same Sundry if they fall within the same 15 day time frame.
- 5. The API No. assigned to the well by NMOCD shall be included on the subsequent report of setting the first casing string.
- 6. A Communitization Agreement covering the acreage dedicated to this well must be filed for approval with the BLM. The effective date of the agreement shall be prior to any sales.
- 7. Gamma-Ray/Neutron logs shall be run from the base of the Salado Formation to the surface; cable speed not to exceed 30 feet per minute.

II. CASING:

- 1. The <u>9 5/8</u> inch surface casing shall be set at <u>1800</u> feet, below usable water and cement circulated to the surface. If cement does not circulate to the surface the appropriate BLM office shall be notified and a temperature survey or cement bond log shall be run to verify the top of the cement. Remedial cementing shall be completed prior to drilling out that string.
- 2. The minimum required fill of cement behind the <u>5-1/2</u> inch production casing is <u>cement shall extend</u> <u>upward a minimum of 200 feet above the base of the intermediate casing string.</u>
- 3. Whenever a casing string is cemented in the R-111-P Potash Area, cement shall be allowed to stand a minimum of twelve (12) hours under pressure and a total of twenty-four (24) hours before drilling the plug or initiating tests.

III. PRESSURE CONTROL:

- 1. All BOP systems and related equipment shall comply with well control requirements as described in Onshore Oil and Gas Order No. 2. The BOP and related equipment shall be installed and operational before drilling below the 9 5/8 inch casing shoe and shall be tested as described in Onshore Order No. 2. Any equipment failing to test satisfactorily shall be repaired or replaced.
- 2. Minimum working pressure of the blowout preventer and related equipment (BOPE) required for drilling the surface and intermediate casing shall be 3000 psi. Minimum working pressure of the blowout preventer and related equipment (BOPE) required for drilling below the 9 5/8 inch casing shall be 3000 psi.
- 3. The appropriate BLM office shall be notified in sufficient time for a representative to witness the tests.
- A variance to test the ____ to the reduced pressure of ___psi with the rig pumps is approved.
- The tests shall be done by an independent service company.
- The results of the test shall be reported to the appropriate BLM office.
- Testing fluid must be water or an appropriate clear liquid suitable for sub-freezing temperatures. Use of drilling mud for testing is not permitted since it can mask small leaks.
- Testing must be done in a safe workman-like manner. Hard line connections shall be required.
- BOPE must be tested prior to drilling into the Wolfcamp Formation by an independent service company.

IV. 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. Monitoring equipment shall consist of the following:

- 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.

Engineering may be contacted at 505-706-2779 for variances if necessary.