Form 3160-3 (August 1999)

OCD-ARTESIA

5. Lease Serial No. NMNM89052

FORM APPROVED OMB No. 1004-0136 Expires November 30, 2000

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

		 -
 	SERVIT TO	

APPLICATION FOR PERMIT	TO DRILL OR RE	ENTER	6. If Indian, Allottee or 1710e	e Name		
la. Type of Work:			7. If Unit or CA Agreement,	Name and No.		
lb. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Oth	ner 🔀 Singl	e Zone	8. Lease Name and Well No. APACHE 25 FEDERAL			
2. Name of Operator Contact:	KAREN COTTOM E-Mail: karen.cottom@dvi	n.com	9_API Well No. 30-0/5-	32719		
3a. Address 20 NORTH BROADWAY SUITE 1500 6137 OKLAHOMA CITY, OK 73102	3b. Phone No. (include Ph: 405.228.7512 Fx: 405.552.4667		10. Field and Pool, or Explor QUAHADA RIDGE S			
4. Location of Well (Report location clearly and in accorda	nce with any State requir	ements.*)	11. Sec., T., R., M., or Blk. a	nd Survey or Area		
At surface NENE 660FNL 330FEL	1 A		Sec 25 T22S R30E Mer NMP			
At proposed prod. zone NENE 660FNL 330FEL	M	-111-P Potash				
14. Distance in miles and direction from nearest town or post of APPROXIMATELY 46 MILES WEST FROM JAL			12. County or Parish EDDY	13. State NM		
 Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 330 	16. No. of Acres in Le	asc	17. Spacing Unit dedicated to 40.00	o this well		
18. Distance from proposed location to nearest well, drilling,	19. Proposed Depth		20. BLM/BIA Bond No. on i	file		
completed, applied for, on this lease, ft. 1070	7860 MD					
21. Elevations (Show whether DF, KB, RT, GL, etc. 3376 GL	22. Approximate date 03/01/2003	work will start	23. Estimated duration 45 DAYS			
	24. Atta	chments Carts	ed Controlled Water	Basin		
The following, completed in accordance with the requirements o	f Onshore Oil and Gas Or	rder No. 1. shall be attached to the	his form:	er of the second se		
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest Systems SUPO shall be filed with the appropriate Forest Service Office.) 		Item 20 above). 5. Operator certification	ns unless covered by an existing ormation and/or plans as may b			
25. Signature (Electronic Submission)	Name (Printed/Typed) KAREN COTTOM					
Title ENGINEERING TECHNICIAN						
Approved by (Signature) S/William 5, Condit	Name (Printed/Typed)	Villiam S.C	ondit	Date MAR 1 1 20		
Artinx STATE DIRECTOR	Office	NM STATE OFF		***************************************		
Application approval does not warrant or certify the applicant ho operations thereon.	lds legal or equitable title					
Conditions of approval, if any, are attached.		APF	PROVAL FOR	1 YEAR		
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, r States any false, fictitious or fraudulent statements or representat	nake it a crime for any pe ions as to any matter with	rson knowingly and willfully to in its jurisdiction.	make to any department or age	ncy of the United		

Additional Operator Remarks (see next page)

APPROVAL SUBJECT TO

Electronic Submission #16099 verified by the BLM Well Information System

For DEVON ENERGY PRODUCTION CO L P, sent to the Carlsbad

GENERAL REQUIREMENT AND AFMSS for processing by Armando Lopez on 12/12/2002 (03AL0070AE)

SPECIAL STIPULATIONS

ATTACHED

** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED

Exhibit #2

pache "25" Federal No. 3 -£ddy County, New Maxico

Sobmit to Appropriate District Office State Lease - 4 copies Fee Lease - 3 copies

State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088 Santa Fe, New Mexico 87504-2088

CORRECTED

DISTRICT II 1 P.O. Drawer DD. Artesia, NM 88210

DISTRICT | P.O. Ban 1980, Hobbs, NM 88240

WELL LOCATION AND ACREAGE DEDICATION PLAT

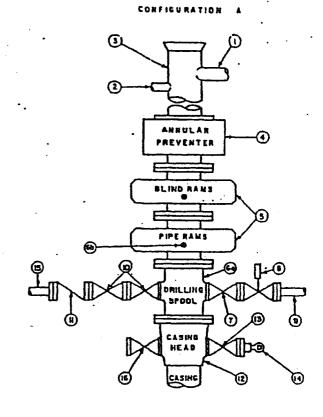
MITCHELL ENERGY APACHE 25 FEDERAL #3				All Dis	rpaucet west pe		r boundane:	OL AID SOCIO	n			
A 25 22S, 30E, NMM EDOY All Postage Location of Well: On the From the NERTH Bre and 330 that have the EAST line Individual flow Producing Formation DULKANAR DOKANAR DOKANAR DOKANAR DOKANAR RIDGE SE. 1. Outline the acreage dedicated to the subject well by economic product or handon works on the plat below. 2. If more than one lease is dedicated to the well, storius and hard identify the overwhip from the below is to working interest and repairty). 3. If more than one lease is dedicated to the well, storius and hard identify the overwhip from the below is to working interest and repairty). 3. If more than one lease is dedicated to the well, storius and hard deduction to the well, have the interest of all owners been committed by communication. 3. If more than one lease is dedicated to the well, storius and the storius of the well and the storius of the storius o	MITCHELL	L ENERG	Y			-	E 25 FE	DERAL			well №6. #3	
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3,000 psi Working Pressure

3 MWP

STACK REQUIREMENTS

No.	Kem		Min. I.D.	Min. Nominal
1	Flowline			
2	Fill up line			2-
3	Drilling nipple			
4	Annula: preventer			
5	Two single or one dual hy operated rams	draulically		
62	Drilling spool with 2° min 3° min choke line outlets			
6b	2° min. kill line and 3° m outlets in ram. (Alternate			
7	Valve	Gate [] Plug []	3-1/8*	
8	Gate valve—power opera	led	3-1/8"	
9	Line to choke manifold			3.
10	Valves	Gate D Plug D	2-1/16"	
11	Check valve		2-1/16"	
12	Casing head			
13	Valve	Gate [] Plug []	1-13/16*	
14	Pressure gauge with nee	die valve		
15	Kill line to rig mud pump			2.



OPTIONAL		
16 Flanged valve	1-13/16"	

CONTRACTOR'S OPTION TO FURNISH:

- All equipment and connections above bradenhead or casinghead. Working pressure of preventers to be 3,000 psi, minimum.
- 2.Automatic accumulator (80 gallon, minimum) capable of closing BOP in 30 seconds or less and, holding them closed against full rated working pressure.
 - 3.BOP controls, to be located near drillers position.
 - 4. Kelly equipped with Kelly cock.
 - S.inside blowout prevventer or its equivalent on derrick floor at all times with proper threads to fit pipe being used.
 - 6.Kelly sever-sub equipped with rubber casing protector at all times.
 - 7.Plug type blowout preventer tester.
 - 8.Extra set pipe rams to fit drill pipe in use on location at all times.
 - 9. Type RX ring gaskets in place of Type R.

MEC TO FURNISH:

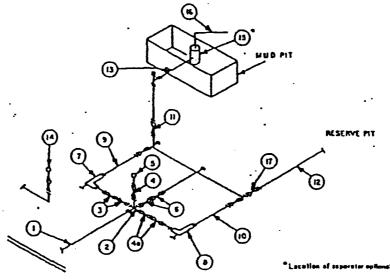
- 1.Bradenhead or casinghead and side
- 2.Wear bushing, if required,

GENERAL NOTES:

- 1.Deviations from this drawing may be made only with the express permission of MEC's Drilling Manager.
- 2.All connections, valves, littings, piping, etc., subject to well or pump pressure must be flanged (suitable clamp connections acceptable) and have minimum working pressure equal to rated working pressure of preventers up through chore. Valves must be full opening and suitable for high pressure mud service.
- Controls to be of standard design and each marked, showing opening and closing position.
- 4. Chokes will be positioned so as not to hamper or delay changing of choke beans. Replaceable parts for adjustable choke, other bean sizes, retainers, and choke wrenches to be conveniently located for immediate use.
- All valves to be equipped with handwheels or handles ready for immediate use.
- 6. Choke lines-must be sultably anchored.

- 7. Handwheets and extensions to be connected and ready for use.
- Valves adjacent to drilling spool to be kept open. Use outside valves except for emergency.
- 8.All seemiess steet control piping (3000 psi working pressure) to have flexible joints to avoid stress. Hoses will be permitted.
- 10. Casinghead connections shall not be used except in case of emergency.
- 11.Do not use kill line for routine IIII-up operations.

3 MWP - 5 MWP - 10 MWP



BETOND SUBSTRUC	.T.	Y R E
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			MINI	MUM REQU	HEMENTS	S				
		3,000 MWP 5,000 MWP					10,000 MWP			
No.		1.0.	NOMINAL	RATING	1.D.	NOMINAL	RATING	1.0.	NOMINAL	RATING
1	Line from drilling speed	1	3-	3,000		3-	5,000		3.	10,000
. 2	Cross 3"13"13"12"			3,000			5,000			
. 4	Cross 3"x3"x3"x3"									10,000
3	Valves(1) Gate () Plug ()(2)	3-1/8"		3,000	3-1/8"		5,000	3-1/8"		10,000
4	Valve Gate (1 Plug (2)	1-13/16"		3,000	1-13/16*		5,000	1-13/16"		10,000
48	Valves(1)	2-1/16"		3,000	2-1/16"		5,000	3-1/8"		10,000
5	Pressure Gauge			3,000			5,000			10,000
6	Valves Gate C Plug ()(2)	3-1/8"		3,000	3-1/B*		5,000 .	3-1/8"		10,000
7	Adjustable Choke(3)	5.		3,000	5.		5.000	2"	l	10,000
-	Adjustable Choke	1.		3,000	1"		5,000	2"		10,000
9	Line	1	"ם"	3,000		3-	5,000		3-	10,000
10	Line		2-	3,000		2.	5,000		3"	. 10,000
11	Valves Gate []	3-1/8*		3,000	3-1/6"		5,000	3-1/8-		10,000
12	Lines	1	3.	1,000		3.	1,000	<u> </u>	3.	2,000
13	Lines	1	3-	1,000		3.	1,000	•	3-	2,000
14	Remote reading compound standpipe pressure pauge			3,000			5,000			10,000
15	Gas Separator		2'x5'			5.x2.			2'x5'	
16	Line	1	4"	1,000		4"	1,000		4-	2.000
17	Valves Gate D	3-1/8"		3,000	3-1/8*		5,000	3-1/8*		10,000

- (1) Only one required in Class 3M.
- (2) Gate valves only shall be used for Class 10M.
- (3) Remote operated hydraulic choke required on 5,000 psi and 10,000 psi for drilling.

EQUIPMENT SPECIFICATIONS AND INSTALLATION INSTRUCTIONS

- 1. All connections in choke manifold shall be waided, studded, flanged or Cameron clamp of comparable rating.
- 2. All flanges shall be API 68 or 68X and ring gaskets shall be API RX or BX. Use only BX for 10 MWP.
- 3. All lines shall be securely anchored.
- 4. Chokes shall be equipped with tungsten carbide seets and needles, and replacements shall be evailable.
- 5. Choke manifold pressure and standpipe pressure gauges shall be available at the choke manifold to assist in regulating chokes. As an alternate with eutomatic chokes, a choke manifold pressure gauge shall be located on the rig floor in conjunction with the standpipe pressure gauge.
- 6. Line from drilling spool to choke manifold should be as straight as possible. Lines downstream from chokes shall make turns by large bends or 90° bends using bull plugged tors.
- 7. Discharge lines from chokes, choke bypass and from top of gas soperator should vent as far as practical from the well.