#### SUBMIT IN TRIPLICATE\*

(Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

## UNITED STATES

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	LE.	SE	DE	SIGN	AT	ION	AND	SEBI	AL	NO.	_

	DEPARTMEN	5. LEASE DESIGNATION AND SERIAL NO.						
	GEOLG	Contract No. 129						
APPLICATION	N FOR PERMIT	TO DRILL,	DEEPEN, OR PLU	JG BACK	6. IF INDIAN, ALLOTTEE OR TRIBE NAME  Jicarilla Apache			
a. Type of work	ILL X	DEEPEN	□ PLUG	BACK [	7. UNIT AGEEMENT NAME			
b. TYPE OF WELL	GAS X OTHER		SINGLE [	MULTIPLE ZONE	E. FABM OR LEASE NAME  Apache			
	oleum Corporat	ion			9. WELL NO.			
. ADDRESS OF OPERATOR					25			
717 17th S LOCATION OF WELL (F At surface			. Colorado 8020 ith any State regularments.	<u>.</u>	So. Blanco P. C. ex 7			
At proposed prod. zer		EL, /90 FINI	L, Section 24		AND SURVEY OR AREA. M.			
					Sec. 24, T 24N, R 4W			
. DISTANCE IN MILES	AND DIRECTION FROM NE	AREST TOWN OR PO	ST OFFICE.		Rio Arriba New Mexico			
5. DISTANCE FROM PROP	POSED*		16. NO. OF ACRES IN LE.		OF ACRES ASSIGNED THIS WELL			
LOCATION TO NEARES PROPERTY OR LEASE (Also to nearest dr)	LINE, PT.	790'			160			
S. DISTANCE FROM PROTO NEAREST WELL, I	POSED LOCATION* DRILLING, COMPLETED,		19. PROPOSED DEPTH	i _	TABY OR CABLE TOOLS			
OR APPLIED FOR, ON TE	HIS LEASE, FT. bether DF, RT, GR, etc.)		3200'	1 7	22. APFHOX. DATE WORK WILL START			
. ELEVATIONS (DOWN HA		6872' GR			April, 1980			
		PROPOSED CASI	ING AND CEMENTING P	ROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER	FOOT SETTING DEPT	тн	QUANTITY OF CEMENT			
12-1/4"	8-5/8"	24#	100'		150_sx			
7_7/8"	4-1/2"	10.5#	1 3200'		T . )			
					To be determined			
	It is proposed for circulation productive into	to drill t n through t ervals in t	his well with ro	otary tool ffs Format	s using drilling mud ion. All possible			
	It is proposed for circulation productive inte	to drill t n through t ervals in t ation tops:	his well with ro he Pictured Clif he Pictured Clif	otary tool ffs Format ffs will b	s using drilling mud ion. All possible e completed.			
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\*See Instructions On Reverse Side

#### OIL CONSERVATION DIVISION

## STATE OF NEW MEXICO ENERGY AND MINERALS DEFARTMENT

#### P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

Form C-102 key1sed 10-1-78

All distances must be from the cuter boundaries of the Section.

COTTON PETROLEUM CORPORATION APACHE 25  Onti Letter Section Township Actual Footage Location of Well:  790 feet from the North line and 790 feet from the East Ine	Operator			Le					Well No.
Note   Section   Township   Regree   1		ROTETM CORPO	RATTON		APACHE				25
A 24N Local Portogo Location of Well:  790 read from the North the end 790 test from the East the Pool Some Lyred Clark  790 read from the North the end 790 test from the East the Pool Some Lyred Clark  900 Some Lyred Clark  Pool Some Lyred Clark  Pool Some Lyred Clark  910 Some Lyred Clark  910 Local End of Some Least of the Some Lyred Clark  160 Acres  160 Ac	Unit Letter	T		<del></del>	1		County		
Sec.		1 .	241	J	ЦW		Rio Ar	riba	
Pool   Provided City   Provi									
1. Outline the acreuge dedicated to the subject well by colored pencil or hachure marks on the plat below.  2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (hoth as to working interest and royalty).  3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been convolidated by communitization, unitization, force-pooling, etc?  1. Yes No If answer is "yes," type of consolidation  1. If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)  1. No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.  2. CERTIFICATION  2. Figure of the first true and complete to the best of my two-fields and delired.  2. E. Wood  3. D. E. Wood  4. D. E. Wood  5. D. E. Wood  6. D. E. Wood  7. D. E. Wood  7. D. E. Wood  7. D. E. Wood  8. D. E. Wood  9. 1979  1. Thereby certify that the infumention containing herein is true and complete to the best of my two-fields and belief.  1. D. E. Wood  1. D. E. Wood  9. 1979  1. Thereby certify that the well facetion above my two-fields and belief.  1. D. E. Wood  9. 1979  1. Thereby certify that the infumention containing herein is true and complete to the best of my two-fields and belief.  1. D. E. Wood  1. D. E. Wood  9. 1979  1. Thereby certify that the well facetion above my two-fields and belief.  1. D. E. Wood  9. 1979  1. D. E. Wood  1. D. E. Wood  1. D. E. Wood  2. Extremely the time and complete to the best of my two-fields and belief.  1. D. E. Wood  1. D. E. Wood  1. D. E. Wood  1. D. E. Wood  2. E. Wood  1. D. E. Wood  2. E. Wood  2. E. Wood  3. 1979  4. D. E. Wood  5. D. E. Wood  1. D. E. Wood  1. D. E. Wood  2. D. E. Wood  2. D. E. Wood  3. D. E. Wood  4. D. E. Wood  5. D. E. Wood  6. D. E. Wood  6. D. E. Wood	790	reet moin time		line and	790	feet f	mm the E		
1. Outline the acreage dedicated to the subject well by colored pencil or bachure marks on the plat below.  2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).  3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, untilization, force-pooling, etc?  Yes No If answer is "yes," type of consolidation  If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)  No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.  CERTIFICATION  1 bereby certify that the information contained by the community of the	Ground Level Elev.			<b>.</b>		D: 1		<b>~</b>	· /
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## COTTON PETROLEUM CORPORATION APACHE NO. 25

#### Multi-Point Surface Use Plan

- 1. Existing Road Please refer to Map No. 1 which shows the existing roads. New roads which will be required have been marked on this map. All existing and new roads will be properly maintained during the duration of this project.
- 2. Planned Access Roads Flease refer to Map No. 1. The grade of the access roads will be consistent with that of the local terrain. The road surface will not exceed twenty feet (20') in width. Upon completion of the project, the access road will be adequately drained to control soil erosion. Drainage facilities may include ditches, water bars, culverts or any other measure deemed necessary by trained Company personnel to insure proper drainage. Gates and/or cattleguards will be installed if necessary.
- 3. Location of Dristing Wells Please refer to Attachment No. 2.
- Location of Tank Batteries Production facilities will be installed on location.
- 5. Location and Type of Water Supply Water for the proposed project will be obtained from a water hole located at Largo Wash, SW/4, Sec. 9, T24N, R4W.
- 6. Source of Construction Materials No additional materials will be required to build either the access road or the proposed location.
- 7. Methods of Handling Waste Materials All garbage and trash materials will be put into a burn pit shown on Attachment No. 3. When clean-up operations are begun on the proposed project, the burn pit with its refuse will be buried to a depth of at least three feet (3/). If large amounts of liquids are left in the reserve pit after completion of the project, the pit will be fenced until the liquids have had adequate time to dry. The location clean-up will not take place until such time as the reserve pit can be properly covered over to prevent run-off from carrying any of these materials into the watershed. No earthen pit will be located

on natural drainages; all earthen pits will be so constructed as to prevent leakage from occurring.

- Ancillary Facilities No camps or airstrips will be associated with this 8. project.
- Please refer to Attachment No. 3. Wellsite Layout -9.
- 10. Plans for Restoration of the Surface After completion of the proposed projest, the location will be left in such a condition that will enable reseeding operation to be carried out. The reseeding operation will be performed during the time period set forth by the regulatory body. The location production equipment will be painted.
- The terrain is high sandstone ledges and sagebrush 11. Other Information flats with pinon and cedar growing. Cattle graze the proposed project site.
- 12. Operator's Representatives Howard Davis

Farmington, New Mexico

Phone: (505) 325-2409 (Office)

(505) 327-6443 (Home)

Steve Zamets

Danver, Colorado

Phone: (303) 893-2233 (Office)

(303) 794-0494 (Home)

D. E. Wood

Denver, Colorado

Phone: (303) 893-2233 (Office)

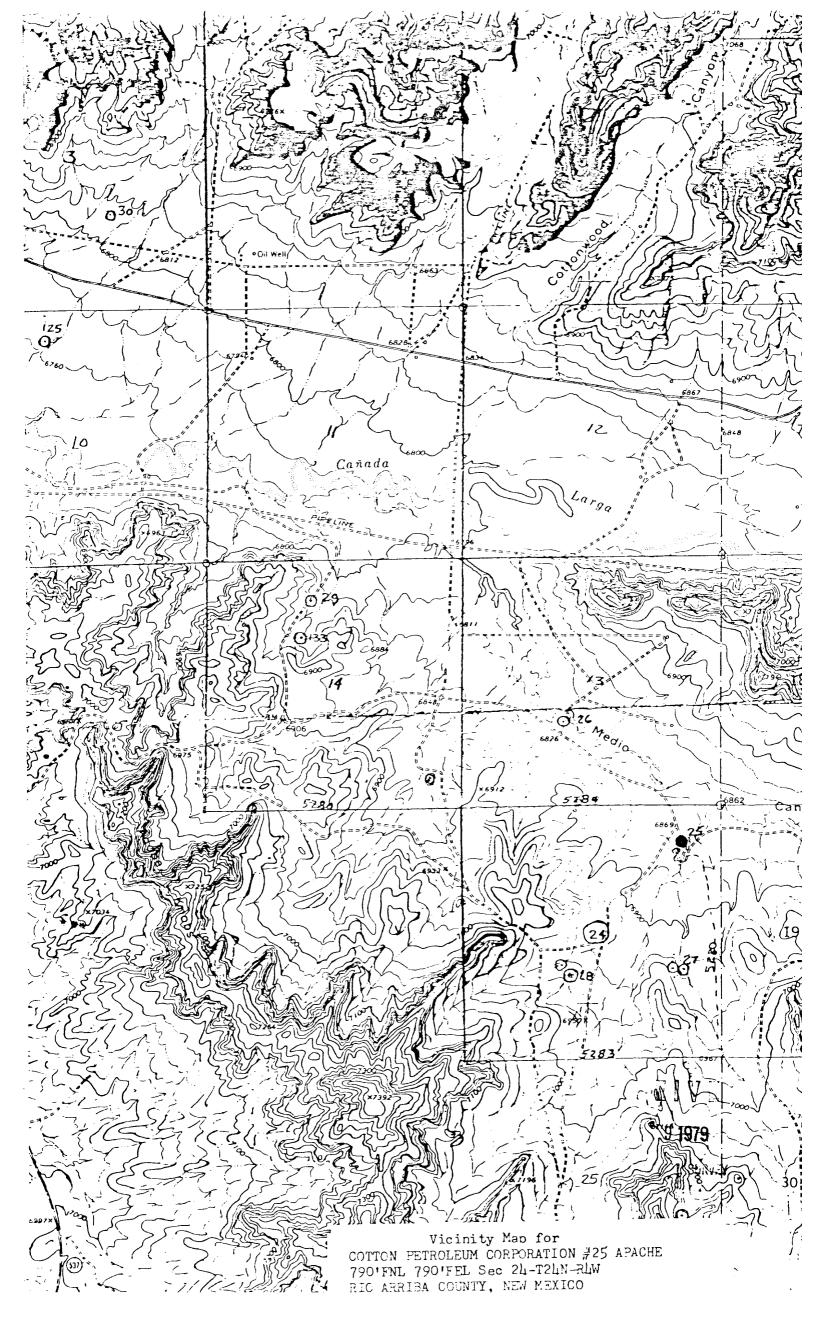
(303) 773-2722(Home)

13. Certification -

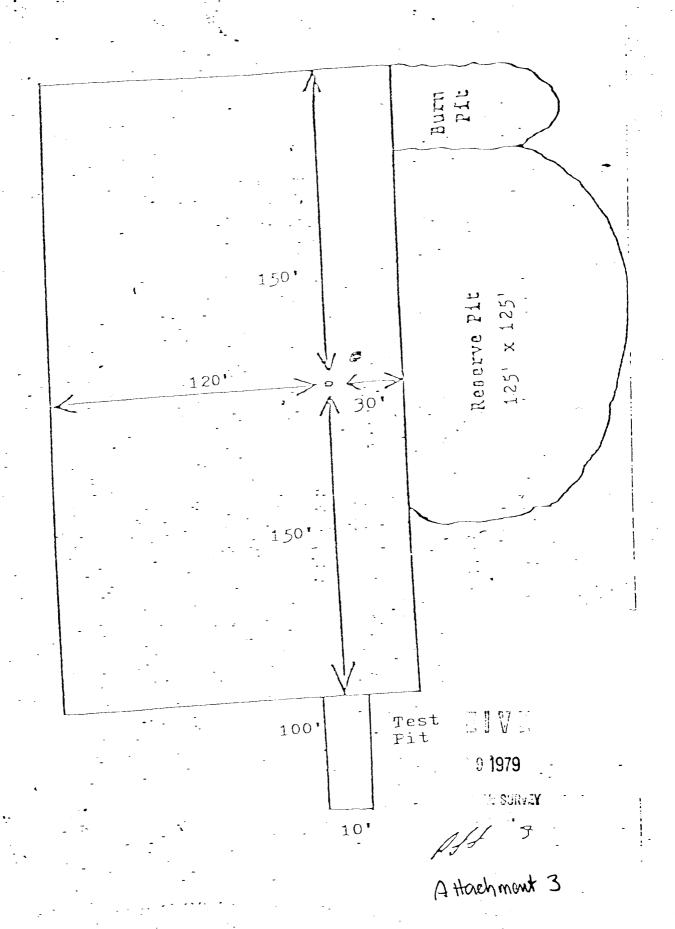
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Cotton Petroleum Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

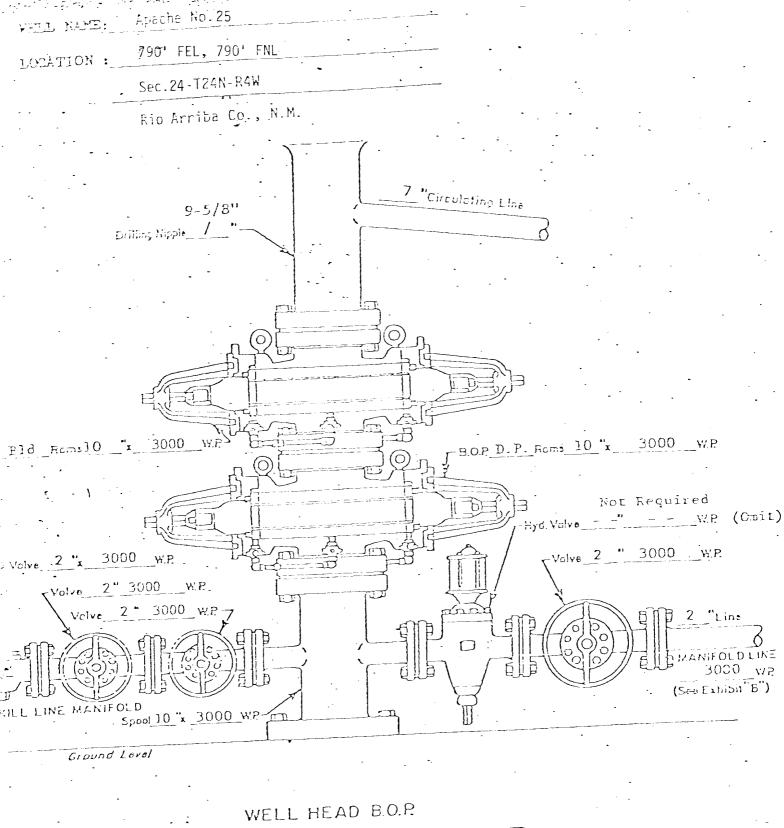
D.E. Wood /Max

D. E. Wood, Division Production Manager | |



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WELL HEAD BOR 3000 #W.P.

13 Hydroulic

177

9 1979

ME SURVEY

# Seven Point Well Control Program

- Surface Casing. See Application for Permit to Drill. 1.
- Spools and Flanges. 2.
  - Surface Casing 10", Series 900, 3000 psi W.P.
  - Production, 10", Series 900, 3000 psi W.P.
  - Tubing Head Series 900, 3000 psi. W.P.
- Intermediate Casing. 3. None .
- Blowout Preventers - 10", 3000 psi 4. Production Hole Fill, kill and choke manifold - 5000 psi. W.P.
- Additional Equipment (If necessary)
  - Kelly Cock

Pit Level Indicator

Bit Float B.

Sub with Valve for E.

Degasser . C.

- drill pipe.
- Anticipated Bottom Hole Pressure. 3100 psi. Current mud program is for 9.2 lb./gal mud with hydrostatic head of 3600 psi at 7390 feet. Mud weight will be increased if necessary for higher pressures.
- Drilling Fluid. Oil Ease Mud. 7 -

9 1979

# COLEMAN DRILLING CO. F. D. BOX 1915 FARMINGTON, N. M. E7401

FHONE DOS / 325-6872

### DRILLING RIG INVENTORY

RIG # 2

RATED DEPTH CAPACITY 8,000 FEET WITH 4 1/2" DRILL PIPE

JEHRICK: 127' LEE C. HOORE W/440,000 HOOK LOAD CAPACITY

SUBSTRUCTURE: LEE C. MOORE - 13' M.B.

IRAWORKS: H-40 D IDECO

ENGINES: 2 FACH V-8 DETROIT DIESEL

MUD PUMPS: IDECO AM600 W/CATERPILLER D-379TA
555 MAX. HP AT 1100 RPM
500 INT. HP AT 1100 RPM
420 CONT. HP AT 1100 RPM

AUXILIARY MUD PUMP GARDNER-DENVER F X Z W/343TAC CATERPILLER

IESILTER: PIONEER 8 COME CAPACITY 400 GPM

HUD TANK: 1 EACH 500 BBL. (42 GAL PER BBL.) WORKING CAPACITY

WATER STORAGE: 1 EACH 480 BBL. (42 GAL PER BBL.)

GENERATORS: 1 EACH 90 EW AC AND 1 EACH 30 KW AC

ROTARY TABLE: 23" EDECO

TRAVELING BLOCK: NATIONAL 430 - 150 TONS W/COMB. HOOK

SWIVEL: OILVELL PC 225

BLOW OUT PREVENTER: 10" SHAFFER LWS 3000 WP HYDRAULIC

SPECIAL: CROWN-O-MATIC

SATELITE AUTOMATIC DRILLER -

TONG TORQUE GAUGE

RATE OF PENETRATION RECORDER

SHALE SHAKER TRAILER HOUSE TWO-WAY RADIO

•

9 1979

SUNVIY