SUBMIT IN TRIPLICATE® (Other instructions on reverse side)

Form approved. Budget Bureau No. 42-E1425.

UNITED STATES DEPARTMENT OF THE INTERIOR

30-039-01539

5. LEASE DESIGNATION AND SERIAL NO.

	Contract No. 129										
APPLICATION	6. IF INDIAN, ALLOTTEB OR TRIBE NAME Jicarilla Apache										
1a. TYPE OF WORK	DRILL I DEEPEN					K 🗆	7. UNIT AGREEMENT NAME				
b. TIPE OF WELL OIL X G WELL W	AS OTHER		811 301	ME X	MULTIPI Zone	• 🗆	8. FARM OR LEASE NAME				
2. NAME OF OPERATOR							Apache				
	roleum Corpo		70 1		Chara		9. WELL NO.				
3. ADDRESS OF OPERATOR	In Conten Bui		1660 Lincoln Street Denver, Colorado 80264				105 Linday the Gailup-				
4. LOCATION OF WELL (B	Dakota West Ext.										
At surface	FNL, 990'FEL		11. SBC., T., R., M., OR BLK. AND SURVEY OR AREA								
At proposed prod. so:	• • •		Sec. 24-T24N-R4W								
	AND DIRECTION FROM NEA		N.M.P.M. 12. COUNTY OR PARISH 13. STATE								
14. DISTANCE IN MILES	AND DIRECTION PROM NEW	ERST TOWN OF FUS	1 035101	,			Rio Arriba New Mexico				
15. DISTANCE FROM PROP							OF ACRES ASSIGNED THIS WELL				
LOCATION TO MEARES PROPERTY OR LEASE ! (Also to nearest dr)	Line, Ft.	None					160 Acres				
18. DISTANCE PROM PROI			19. PR	10. 120109ED DE112). ROTARY OR CABLE TOOLS				
OR APPLIED FOR, ON TH	IS LEASE, FT.			7390		<u> </u>	Rotary				
21. ELEVATIONS (Show wh							12-5-77				
6877 GR						36	12-5-77				
26.		PROPOSED CASI	NG AND	CEMENTING	PROGRA						
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER F	00T	SETTING I		<u> </u>	QUANTITY OF CEMENT				
$12\frac{1}{4}$ "	8-5/8	24.0		300		·	300 sxs				
7-7/8"	<u>45</u>	10.50&13	7390		1	To be determined					
Formati casing Picture Estimat T acres. committ For: Cotton IN ABOVE SPACE DESCRIE Sone. If proposal is to preventer program, if a	will be cement of Cliffs Formation Pictured Cliff House Gallup he NE/4 of Some The natural sed. The proposed Program: If the drill or deepen direction of the control of t	ompleted anted in sunation. Tops ffs ection 24 gas to be	2870 4520 5150 is e proper of the data	downhol a manne G G D dedicat oduced blug back, give	e commercas reenhoranero akota ed to from	ningle to pro	ed. Production otect the 6970 7030 7050 well. 160 well is ductive some and proposed new productive ed and true vertical flybrins. Gizá blowout				
24.	DILLO OL			residen & Produ	•		ngineering Nov. 4, 1977				
(This space for Fed	II N. Walsh.	P.E.									
PREMIT NO	and the same cancer and			APPROVAL DAT	· E	- ;;)	ECEIVEI				
APPROVED BY		TI	TLE			<u>III</u>	DATE U				
CONDITIONS OF APPRO		NOV 7 1977									
Oki	ef .	*C !		On Reverse	Side	U. S	S. GEOLOGICAL SURVEY				

*See Instructions On Reverse Side

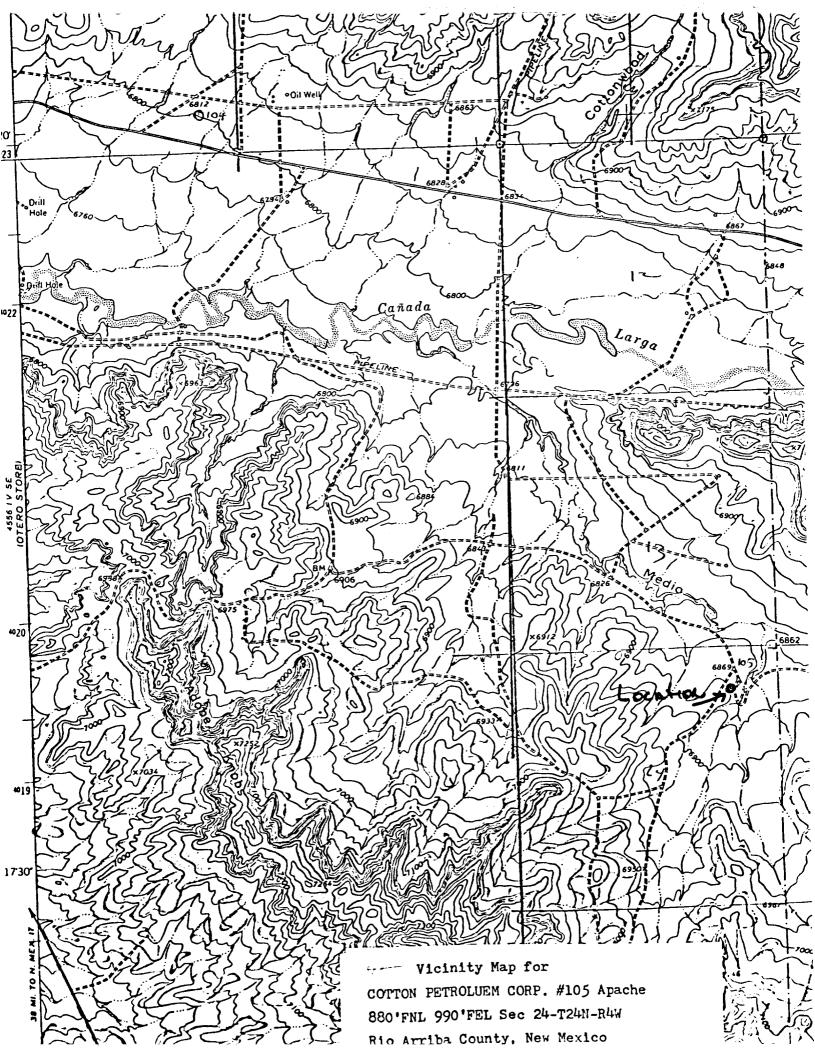
U. S. GEOLOGICAL SURVEY U-13474 13 3213

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102 Supersedes C-128 Effective 1-1-65

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

Operator 1					Lease						Well No.
Cotton Petroleum Corporation				Apache						105	
Unit Letter				Range County							
A		4 **-11:	24N	··········		4W		Rio	Arriba		
Actual Footage Loc			orth		000				Wood."		
Ground Level Elev.	feet	from the NO		line and	990	202		from the	East Dakota		ine led Acreager
6877		Gallup								Dealca	160
1. Outline the acreage 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 (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, unitization, 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.)											
											ation, unitization,
	ing,	or otherwise)	or until a	non-standard	unit, eli	minati	ing such	interes	ts, has been	approv	ved by the Commis-
sion.											
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		t							I hereby	certify	that the well location
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DEVELOPMENT PLAN

Cotton Petroleum Corporation
Apache No. 105
880'FNL, 990'FEL, Sec. 24-T24N-R4W
Rio Arriba County, New Mexico

- Existing roads shown on attached plat.
- 2. Planned access from existing road is approximately 50° to new location.
- 3. Location -

See Above

- 4. additional well is planned on this lease at this time.
- 5. Production equipment or storage facilities proposed for the well will be installed on location.
- 6. Water to be obtained from water hole in Largo Wash, SW/4 Section 9-T24N-R4W.
- 7. Waste materials will be buried on location or in reserve pit.
- 8. No permanent camp is planned. A trailer house will be used on location during drilling process.
- 9. No airstrip proposed.
- 10. See attached plat for layout.
- 11. Pits will be filled, location cleaned up, and area not in use for producing well will be reseeded.

DEVELOPMENT PLAN

Page 2 of 2

12. Lessee's or operator's representative.

Ewell N. Walsh: 325-8203; Radio Dispatch 325-1873, Car 620. Address: P. O. Box 254, Farmington, New Mexico 87401

13: CERTIFICATION:

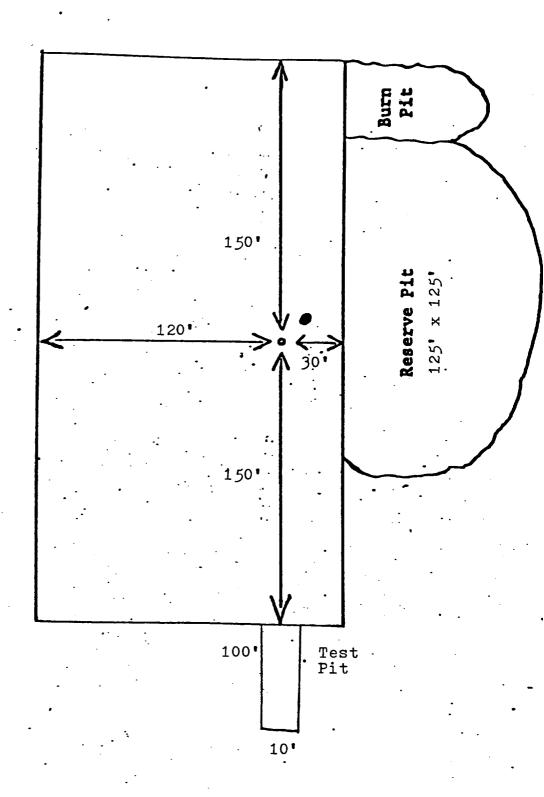
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated 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.

Ewell N. Walsh, P.E., President, Walsh Engineering & Production Corporation

COTTON PETROLEUM CORPORATION
Apache No. 105
880 FNL, 990 FEL, Sec. 24-T24N-R4W
Rio Arriba County, New Mexico



COTTON PETROLEUM CORPORATION
Apache No. 105
880 FNL, 990 FEL, Sec. 24-T24N-R4W
Rio Arriba County, New Mexico

Seven Point Well Control Program

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

D. Pit Level Indicator

B. Bit Float

E. Sub with Valve for

C. Degasser

- drill pipe.
- 6. 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.

7. Drilling Fluid. Oil Base Mud.