100

SUBMIT IN TRIPLICATE. (Other instructions on reverse side)

Form approved.

UNITED STATES DEPARTMENT OF THE INTERIOR

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	Duuget	Dureau	110. 1	15-MATEU.	
_3	0-0	39-	21	449 BIAL NO.	
S. LEA	SE DESIG	NATION A	ND BE	BIAL NO.	

	Contract No. 127					
APPLICATION	FOR PERMIT	O DRILL, D	EEPE	N, OR PLUG B	ACK	6. 15 INDIAN, ALLOTTEE OF TRIBE NAME
la. TYPE OF WORK						Jicarilla Apache 7. UNIT AGREEMENT NAME
DRII	LL 🛛	DEEPEN [J	PLUG BAC	к 🗆	1. UNIT AGREEMENT NAME
b. TYPE OF WELL	s (20)			NGLE X MULTIPE		S. FARM OR LEASE NAME
	ELL OTHER		20	NE L ZONE		: Apache
2. NAME OF OPERATOR	roleum Corpo	cation				9. WELL NO.
ADDRESS OF OPPRATOR						22
1285 lst o	f Denver Pla:	za, 633 17	7th	Street,		10. FIELD AND POOL, OR WILDCAT
4. LOCATION OF WELL (Re	eport location clearly and	in accordance wit	h any 8	tate requirements.		So. Blanco P. C. V
At surrace						11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
	, 1080'FWL					Sec.9-T24N-R4W
At proposed prod. zone	ame					N.M.P.M. 12. COUNTY OR PARISH 13. STATE
14. DISTANCE IN MILES A	ND DIRECTION FROM NEA	REST TOWN OR POST	C OFFICI	.•		1
						Rio Arriba New Mex.
15. DISTANCE FROM PROPO LOCATION TO NEAREST	SED*		18. NO	OF ACRES IN LEASE		OF ACRES ASSIGNED
PROPERTY OR LEASE L (Also to nearest drig	INE, FT.	080'			ŀ	160
18 DISTANCE FROM PROP	OSED LOCATION®		19. PR	OPOSED DEPTH	20. ROTA	ARY OR CABLE TOOLS
TO NEAREST WELL, DI OR APPLIED FOR, ON THI	ELLING, COMPLETED,			2880	R	otary
21. ELEVATIONS (Show whe		_			÷	22. APPROX. DATE WORK WILL START*
6723'GR, 6	733'DF, 6734	'KB				July 4, 1977
23.	1	PROPOSED CASIN	IG ANI	CEMENTING PROGRA	M	•
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER P	00T	SETTING DEPTH	1	QUANTITY OF CEMENT
12-1/4	8-5/8"	24.0		100		150 sxs
7-7/8	4-1/2"	10.5	0	2880	To b	e determined.
mud for cipossible pessible pe	rculation the roduction in Formation To lamo and of Section 9 well will be reproposed Program: If drill or deepen direction	rough the tervals is ps: - 2230' - 2430' is dedica sold to	Pic n th ted Nort	rtured Cliffs The Pictured C Fruitlan Pictured To this well The Pipeli	Form liffs d Clif Th ne Co	- 2650' - 2770' The gas produced
preventer program, if an	ıy.	Corporati			}-	7.66
24. For: Cotto			1	President, Wa Prod. Corp.		ngineering
(This space for Fede	eral or State office use)			, i		
PERMIT NO.				APPROVAL DATE		
				•		
APPROVED BYCONDITIONS OF APPROVED	VAL, IF ANY:	TI	TLE			DATE

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.

		74.5	ust be from the o	0,0,000		<u> </u>	
Operator		mottor	Lease				Well No.
Unit Letter	troleum Corpo	Township	Apa Ros	che nge	County		22
т.	9	24N		ЦW	Rio	Arriba	
Actual Footage Loc	_				,		-
11:50 Ground Level Elev.	feet from the SC Producing Fo		Ine and 1080	<u> </u>	feet from the	West	line edicated Acreage;
6723	Pictured		1	h Blanco	Pictured	1	160 Acres
	ne acreage dedica						plat below.
1. Oddine -			,				
	han one lease is nd royalty).	dedicated to the	he well, outlin	e each and	identify the	ownership the	reof (both as to working
	an one lease of communitization,				ell, have the	interests of a	all owners been consoli-
Yes	☐ No If a	nswer is "yes,"	type of conso	lidation	· · · · · · · · · · · · · · · · · · ·		
	is "no," list the	owners and trac	ct descriptions	which hav	e actually be	en consolidate	ed. (Use reverse side of
	•	ned to the well n	ntil all interes	ats have be	en consolidat	ted (by comm	unitization, unitization,
						•	pproved by the Commis-
sion.				_			. ,
1		1		4	1		CERTIFICATION
	1			į		İ	
	1			i		I hereby cer	rtify that the information con-
1	. 1	1		1		1	in is true and complete to the
1	1			į		1	knowledge and belief.
	1	İ		1		FOLICOL	ton Petr.Corp.
	+			-		well	Malala
	i			1		P:	well N. Walsh,P. resident
	i					& Produ	lsh Engineering uction Corp.
	1			1		June June	17, 1977
	<u> </u>	Sec	,	 			
	!			ì		1	ertify that the well location
	1			1		1	is plat was plotted from field
	i			1		1	tual surveys made by me or upervision, and that the same
1080	1			1	٠	1	d correct to the best of my
7000.	- @ !				200 mg 100 mg	knowledge	and belief.
		· — — — † — ·		†	1		
				ulia a s		Date Surveyed	- Carriellich
	와 기			1		June 13	1979
	न			i		Registered Pi	
			%	1		and/or Land	introjdi.
					To King I	Fred B.	Kerr Jr.
	+ 1 -			100000		Certificate No.	e e e e e e e e e e e e e e e e e e e
0 330 660	-90 1320 1650 16	80 2310 2640	2000 150	00 1000	800 C	リングラリ	27:00



COTTON PETROLEUM CORPORATION

APACHE NO. 22

1450'FSL, 1080'FWL, Section 9-T24N-R4W

Rio Arriba County, N. M.

- 1. Existing roads shown on attached plat.
- 2. Planned access from existing road is approximately 150% to new location.
- Location See above.
- 4. Three additional wells are planned on this lease at this time.
- 5. Production equipment or storage facilities proposed for the well will be installed on location.
- 6. Water will be obtained from Largo Wash, SW/4 Sec. 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.

JUN 9 0 ftm

Page '2' of 2

DEVELOPMENT PLAN

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

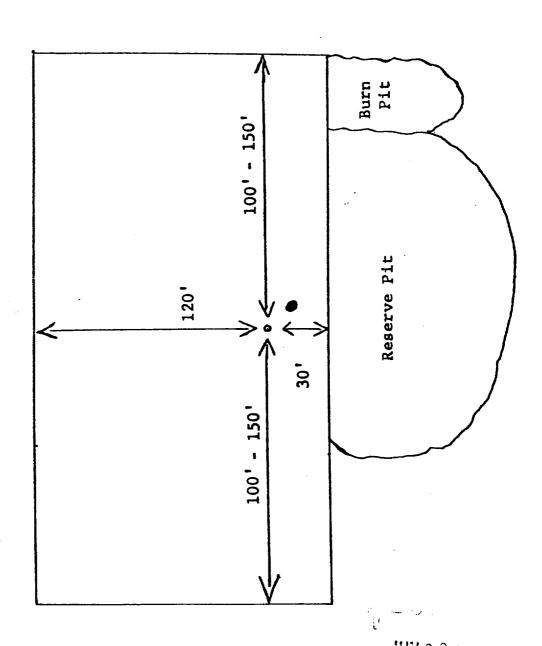
and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

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

111.10

COTTON PETROLEUM CORPORATION
apache no. 22
1450'FSL, 1080'FWL, Sec. 9-T24N-R4W
Rio Arriba County, N. M.

DEVELOPMENT PLAN



COTTON PETROLEUM CORPORATION
APACHE NO. 22
SW/4 Sec. 9-T24N-R4W
Rio Arriba County, N. M.

Seven Point Well Control Program

- Surface Casing.
 See Application for Permit to Drill.
- 2. Spools and Flanges
 - A. Surface Casing 10", Series 600, 2000 psi W.P.
 - B. Production, 10", Series 600, 2000 psi W.P.
 - C. Tubing Head Series 600, 2000 psi. W.P.
- Intermediate Casing.None
- 4. Blowout Preventers Production Hole - 10", 2000 psi Fill, kill and choke manifold - 5000 psi. W.P.
- Additional Equipment (If necessary)
 - A. Kelly Cock

D. Pit Level Indicator

B. Bit Float

E. Sub with Valve for drill pipe.

- C. Degasser
- 6. Anticipated Bottom Hole Pressure.

 1000 psi. Current mud program is for 9.2 lb./gal mud with hydrostatic head of 1500 psi at 3200 feet. Mud weight will be increased if necessary for higher pressures.
- 7. Drilling Fluid.
 Low-solids, Low water loss.

JIMOS

WALSH

PETROLEUM ENGINEERING RESERVOIR STUDIES **EVALUATIONS** GEOLOGICAL STUDIES

EWELL N. WALSH, P.E. President

ENGINEERING & PRODUCTION CORPORATION

EXECUTIVE BLDG. - 413 W. MAIN P. O. BOX 254 FARMINGTON, NEW MEXICO 87401

TELEPHONE 325-8203

LEASE MANAGEMENT

CONTRACT PUMPING

DRILLING SUPERVISION

WORKOVER SUPERVISION

September 27, 1977

Mr. Al Kendrick New Mexico Oil Conservation Commission 1000 Rio Brazos Road 87410 Aztec, New Mexico

Ref: Cotton Petroleum Corporation

Apache No. 22

Unit L Sec. 9-T24N-R4W

Rio Arriba County, New Mexico

Dear Mr. Kendrick:

The following deviation surveys were taken on the above-referred-to well:

Depth	<u>Deviation-Degree</u>
197'	1/2
720'	3/4
1200'	3/4
1743'	3/4
2300'	1
2920'	1 1/4

Very truly yours,

Ewell N. Walsh President

STATE OF NEW MEXICO SS COUNTY OF SAN JUAN

Sworn to before me this 27th day of September, 1977.

Notary Public My commission expires:

September 23, 1981.

NEW MEXICO OIL CONSERVATION COMMSSION MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Туре	Test	_			- .			~	- 1	Test Date					
		Initial			Annual		· · · · · · · · · · · · · · · · · · ·	Spec	ial	9-27-	-77				
Comp	-		•	a	Conne			n mi	.1 -						
Cotton Petroleum Corp.						Waiting on pipeline						17-44			
Pool							tured (~liffe	:			Unit			
So. Blanco P.C. Completion Date Total Depth					P		Plug Back			Elevation		Form or	Lease No	me	
9-7-77 2920					28		1	6734	'KB		pach				
			Set At		Perforation			0,04		Well No.					
-			- 1'	4.052	2920		From 2	752	То	280	в		22 Sec.		
Thg.	Sizo	10.5 Wi.	a	1	Set At		Perforation					Unit			Rge.
	· 1		2748			<u> </u>			L 9 - 24N - 4W			W			
Type	Well - Sin	yl e – Brad	lenhead -	G.G. or G.C	. Multiple			Packer Se	t At			County			
		Sing							lone			Rio	Arri	ba 📗	
	ucing Thru			ir Temp. °F	Mean A	nnual	Temp. •F			_					
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	Prover			OW DATA	Diff		Temp.	Press		DATA Temp.			Temp.		
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3.															
4.															
5.							<u> </u>								
					RAT	E 0	F FLOW	CALCUL	ATI	ONS	<u> </u>				
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Abs	solute Open	Flow		285			Mcfd	€ 15.025	Ang	gle of Slop	e e	10.	Slo	pe, 9/0	.85
B	narks:			ı											
															
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				Ro	ger Mo	er McCown			Ewell N. Walsh						