

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. Contract No. 126	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
2. NAME OF OPERATOR COTTON PETROLEUM CORPORATION			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 2502 Lincoln Center Bldg. 1660 Lincoln St. Denver, Colo. 80264			8. FARM OR LEASE NAME Apache	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 2040'FNL, 945'FEL At proposed prod. zone			9. WELL NO. No. 106	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			10. FIELD AND POOL, OR WILDCAT Lindrith Gallup- Dakota West	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 945'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 1-T24N-R4W N.M.P.M.	
16. NO. OF ACRES IN LEASE -			12. COUNTY OR PARISH 13. STATE Rio Arriba NewMexico	
17. NO. OF ACRES ASSIGNED TO THIS WELL 220.47 Acres			18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	
19. PROPOSED DEPTH 7738'			20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7008'GR			22. APPROX. DATE WORK WILL START* 12-20-77	

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8-5/8	24.0	300'	300 sacks
7 7/8"	4-1/2	10.50 & 11.60	7730'	To be determined

It is proposed to drill this well with rotary tools, and drilling mud as a circulation medium, through the Dakota Formation. Possible production zones in the Gallup and Dakota Formation will be completed and downhole commingled. Production casing will be cemented in such a manner as to protect the Pictured Cliffs Formation.

Estimated Formation Tops

Pictured Cliffs	3210'	Greenhorn	7310'
Cliff House	4860'	Graneros	7370'
Gallup	6490'	Dakota	7390'

The NE/4 of Section 1 is dedicated to this well. 220.47 Acres.
The natural gas to be produced from this well is committed.

FOR: COTTON PETROLEUM CORPORATION

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Ewell N. Walsh President, Walsh
SIGNED TITLE Engr. & Prod. Corp. DATE 11-4-77
Ewell N. Walsh, P.E.
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions On Reverse Side

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

**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.

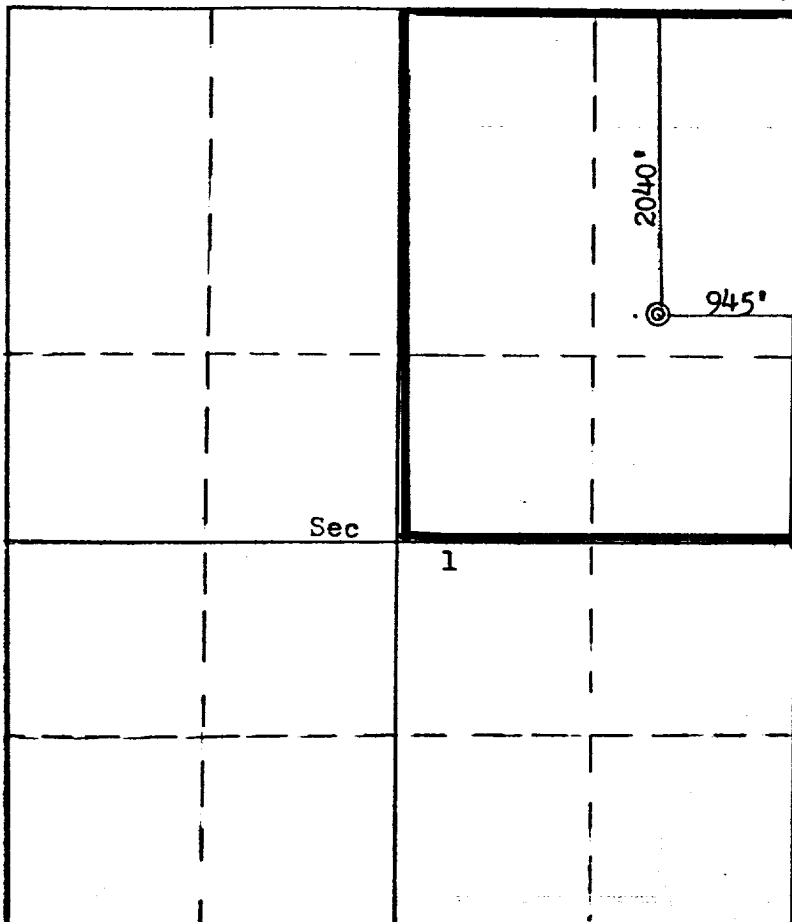
Operator Cotton Petroleum Corporation			Lease Apache		Well No. 106
Unit Letter A	Section 1	Township 24N	Range 4W	County Rio Arriba	
Actual Footage Location of Well: 2040 feet from the North line and 945 feet from the East line					
Ground Level Elev: 7008	Producing Formation Gallup-Dakota		Pool Lindrith Gallup-Dakota West	Dedicated Acreage: 220.47	Acres

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.) _____

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

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name
Ewell N. Walsh, P.E.

Position
President

Company
Walsh Engr. & Prod. Corp.

Date
11-4-77

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
October 22, 1977

Registered Professional Engineer and Land Surveyor
Fred B. Kerr

Certificate No.
3950

SCALE: 1"=1320'