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RECEIVED
 NEW MEXICO OIL CONSERVATION COMMISSION
 FEB 06 1984
OIL CON. DIV.
DIST. 3

30-043-20707
 FEB 06 1984

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK	
1a. Type of Work	7. Unit Agreement Name
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> 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"/>	8. Farm or Lease Name Shelby 22
2. Name of Operator Cotton Petroleum Corporation	9. Well No. 41
3. Address of Operator 3773 Cherry Creek Drive North, #750, Denver, Colorado 80209	10. Field and Pool, or Wildcat Wildcat Gallup
4. Location of Well UNIT LETTER A LOCATED 790 FEET FROM THE fnl LINE AND 990 FEET FROM THE fel LINE OF SEC. 22 TWP. 20N RGE. 1W NMPM	12. County Sandoval
19. Proposed Depth 2,640'	19A. Formation Gallup
20. Rotary or C.T. Rotary tools	
21. Elevations (Show whether DF, RT, etc.) GR 6995	22. Approx. Date Work will start 2/8/84

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4	9 5/8	36#	300'	160	Surface
8 3/4	7	23#	2,150'	265	Surface
6 1/4	4 1/2	11.6#	1,950'-2,640'	70	1,950'

APPROVED BY: [Signature]
 UNLESS SPECIFICALLY NOTED OTHERWISE, THIS PERMIT IS VALID FOR 10 DAYS.

It is proposed to drill this well with rotary tools using water based mud as a circulation medium to the 7" casing point of 2,150' in the Mancos formation. The well will then be drilled to TD using air, Airmist or foam as a circulation medium dependant upon well conditions. The anticipated completion attempt will be in the Gallup formation. Production casing will be cemented in such a way as to protect the up hole formations. The BOP equipment will consist of a Shafer 10" with pipe and blind rams, also a rotating head will be used while air drilling.

Estimated Formation Tops

Lewis Shale	Surface	Mancos	1,270'
Cliffhouse	450'	Gallup A	2,224'
Point Lookout	1,035'		

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed: [Signature] Title: Division Production Manager Date: 2/1/84

(This space for State Use)

APPROVED BY: [Signature] TITLE: SUPERVISOR DISTRICT # 3 DATE: FEB 06 1984

CONDITIONS OF APPROVAL, IF ANY:

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

Operator COTTON PETROLEUM COMPANY			Lease SHELBY		Well No. 41-22
Unit Letter A	Section 22	Township 20N	Range 1W	County DENVER Sandoval	
Actual Footage Location of Well: 790 feet from the North line and 990 feet from the East line					
Ground Level Elev. 6995	Producing Formation Gallup		Pool Wildcat		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 Lease Pooling (Section 13 in lease agreement)

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

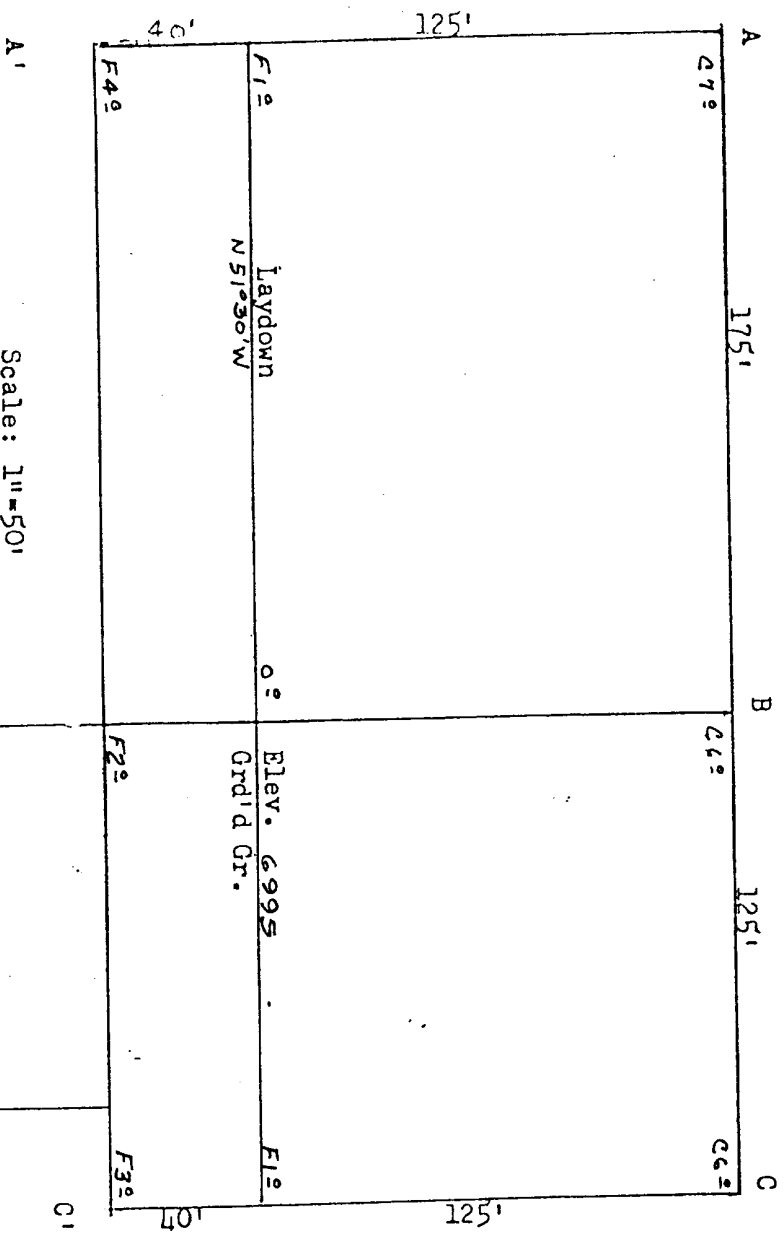
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

<p>RECEIVED FEB 06 1984 OIL CON. DIV. DIST. 3</p>			
<p>Sec. 22</p>			
<p><u>Tract #</u></p> <p>①</p>	<p><u>Working Interest</u></p> <p>Cotton Petroleum Corp 100%</p>	<p><u>Royalty Interest in Spacing Unit</u></p> <p>Grace Houston 2.05%</p>	
<p>②</p>	<p>Cotton Petroleum Corp 100%</p>	<p>Neal Shelby 1.37% Maxine Rash 7.31% Vince Lodin 2.74% E.H. Christianson & Barbara Twining 0.91% Bethrice Espalin Torrio 0.46%</p>	

Scale: 1"=1000'

<p>CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p>	
Name	D.E. Wood / LGS
Position	Division Production Manager
Company	Cotton Petroleum Corp
Date	Feb 1, 1984
<p>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.</p>	
Date Surveyed	January 21, 1984
<p>Registered Professional Engineer and Land Surveyor</p> <p>Fred B. Kerr Jr.</p>	
Certificate No.	3950

COTTON PETROLEUM COMPANY #41-22 SHELBY
 790' ENL 990' FEL Sec. 22-T20N-R1W
 SANDOVAL COUNTY, NEW MEXICO

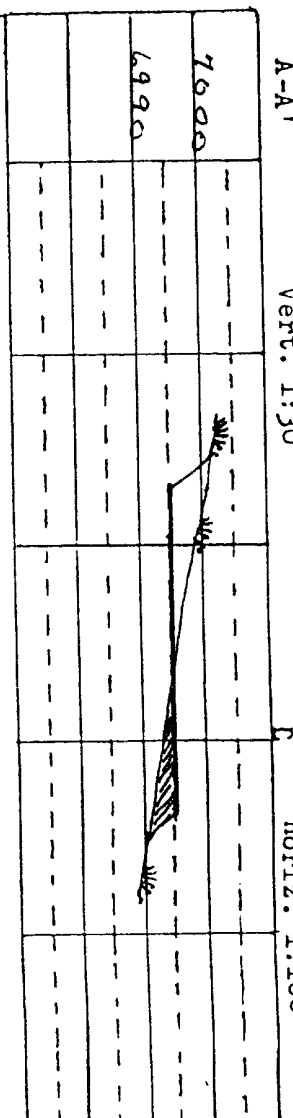


Scale: 1"=50'

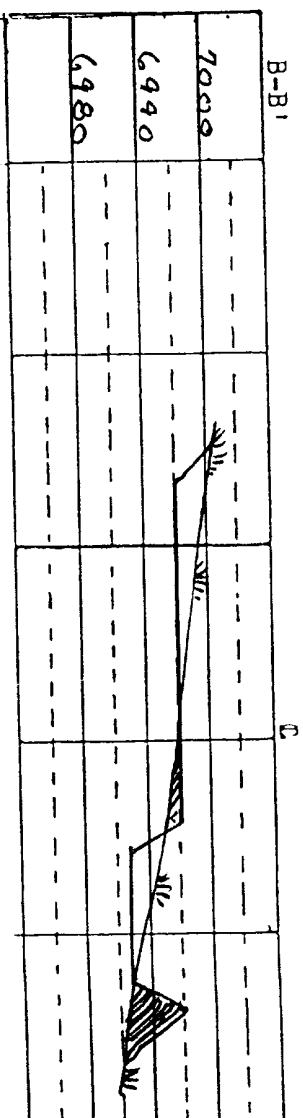
A-A'

Vert. 1:30

Horiz. 1:100



B-B'



C-C'

