

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

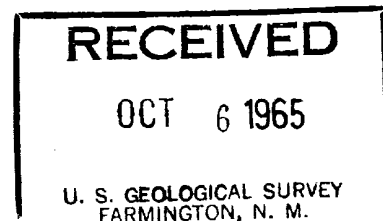
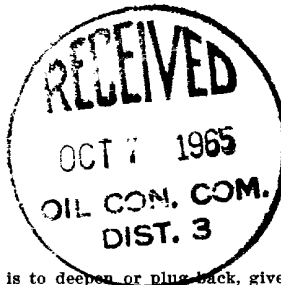
## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. SF 078150	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME -	
2. NAME OF OPERATOR Sinclair Oil Company			7. UNIT AGREEMENT NAME -	
3. ADDRESS OF OPERATOR 501 Lincoln Tower Bldg., 1700 Lincoln Street, Denver, Colorado			8. FARM OR LEASE NAME Federal Federal 5M	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1060' from North line and 1150' from West line of Section 25-27N-31, 10N1. At proposed prod. zone Same			9. WELL NO. 5	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			10. FIELD AND POOL, OR WILDCAT So. Platte Pictured (11ffs)	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 1,600'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 25-27N-31, 10N1	
16. NO. OF ACRES IN LEASE Approx 1,230			12. COUNTY OR PARISH San Juan	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160			13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2520' South 160' West			19. PROPOSED DEPTH 2500'	
20. ROTARY OR CABLE TOOLS Rotary			21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5973'	
22. APPROX. DATE WORK WILL START* When approval received				

## 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	200'	175 Ss.
7-7/8"	6-1/2"	9.5	Total depth	200 Ss.

It is proposed to drill mentioned well with rotary tools to a depth sufficient to test the Pictured Cliffs formation, estimated top at 2200', estimated T.M. 2500'. Surface casing will be cemented with sufficient cement to fill from bottom to top. All string will be cemented with sufficient cement to protect all zones. Productive zone will be perforated, treated if necessary, and well completed.



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. SIGNED [Signature] TITLE Chief Office Clerk DATE October 6, 1965  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-4-65

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

Operator <b>Sinclair Oil &amp; Gas Company</b>			Lease <b>Hammond-Federal No.</b>		Well No. <b>5</b>
Unit Letter <b>D</b>	Section <b>25</b>	Township <b>27 North</b>	Range <b>8 West</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1060</b> feet from the <b>North</b> line and <b>1150</b> feet from the <b>West</b> line					
Ground Level Elev. <b>5973</b>	Producing Formation <b>Pictured Cliffs</b>		Pool <b>South Blanco</b>		Dedicated Acreage: <b>160</b> 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). **Operator is only owner.**

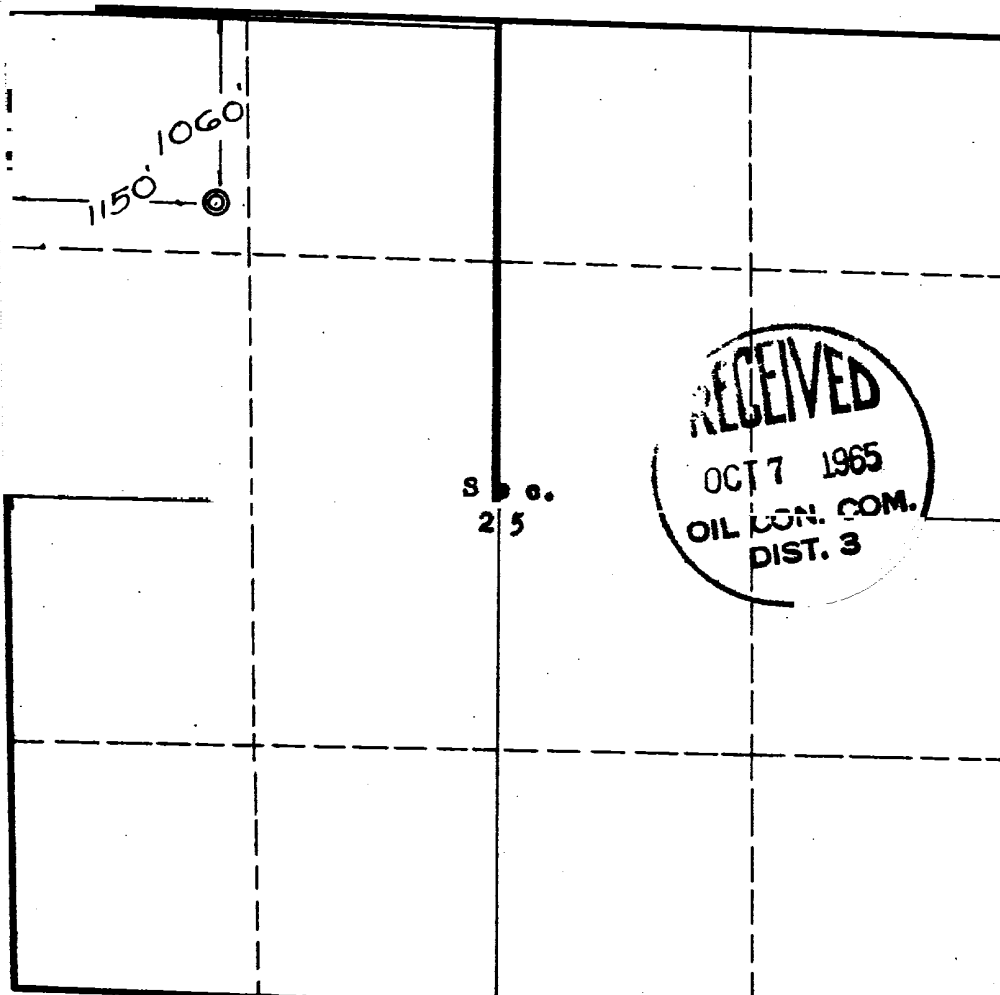
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ 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.

**RECEIVED**  
OCT 6 1965  
U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.



Scale, 1" = 1000'

**CERTIFICATION**

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

*M. E. Brown*  
Name  
**Chief Office Clerk**  
Position  
**SINCLAIR OIL & GAS COMPANY**  
Company  
**October 4, 1965**  
Date

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.

**SEP 13 1965**  
Date Surveyed  
**September 13, 1965**  
Registered Professional Engineer  
and/or Land Surveyor  
*James H. Behrman*  
Certificate No.  
**3602**