

Form approved.  
Budget Bureau No. 42-R1425.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-015-20470

# 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"/>		7. UNIT AGREEMENT NAME	
B. TYPE OF WELL		OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. FARM OR LEASE NAME	
2. NAME OF OPERATOR		SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		Federal BQ	
Yates Petroleum Corporation ✓				9. WELL NO.	
3. ADDRESS OF OPERATOR				2	
207 South 4th Street - Artesia, New Mexico 88210				10. FIELD AND POOL, OR WILDCAT Und.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*				Eagle Creek S.A.	
At surface 990' FNL & 990' FWL of Sec. 27-17S-25E				11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	
At proposed prod. zone				Sec. 27-17S-25E Unit D MMPM	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*				12. COUNTY OR PARISH	
Approx. 4 miles from Artesia, New Mexico				Eddy	
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		16. NO. OF ACRES IN LEASE		17. NO. OF ACRES ASSIGNED TO THIS WELL	
330' 1320'		80		40	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		19. PROPOSED DEPTH		20. ROTARY OR CABLE TOOLS	
		Approx. 1500'		Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.)				22. APPROX. DATE WORK WILL START*	
3542' GL				As soon as approved	

### PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	10 3/4"	32#	210'	Circulate
9 7/8"	7"	20#	1150'	Circulate
6 1/8"	4 1/2")	9.5#	450' )	Circulate
	5 1/2") Tapered	14#	1050')	

It is our intention to drill a 13 3/4" hole to approx. 210', set 10 3/4" casing, if necessary, and circulate, then reduce hole to 9 7/8" and drill to approx. 1150', set 7" surface casing and circulate, reduce hole to 6 1/8" and drill to a total depth of approx. 1500'. If production is encountered, a tapered string of production casing will be set according to USGS rules and regulations.

RECEIVED

JUL 13 1971

**O. C. C.**

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JUL 8 1971

U. S. GEOLOGICAL SURVEY  
ARTESIAN WELLS DIVISION

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back to the base of 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 Edwin L. [Signature] TITLE Engineer DATE 7-3-71  
(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY

**TITLE**

APPROVAL DONS

TITLE \_\_\_\_\_

THIS APPROVAL IS REBENDED IF OPERA HOS  
ARE NOT COMMENCED WITHIN 3 MONTHS.  
EXPIRES

OCT 12 1971

\*See Instructions On Reverse Side

DATE \_\_\_\_\_

DECLARED WATER BASIN

10 3/4"

7"

CEMENT BEHIND THE

CASING MUST BE CIRCULATED

NOTIFY USOS IN SUFFICIENT TIME TO  
WITNESS CEMENTING THE 7" CASING

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.

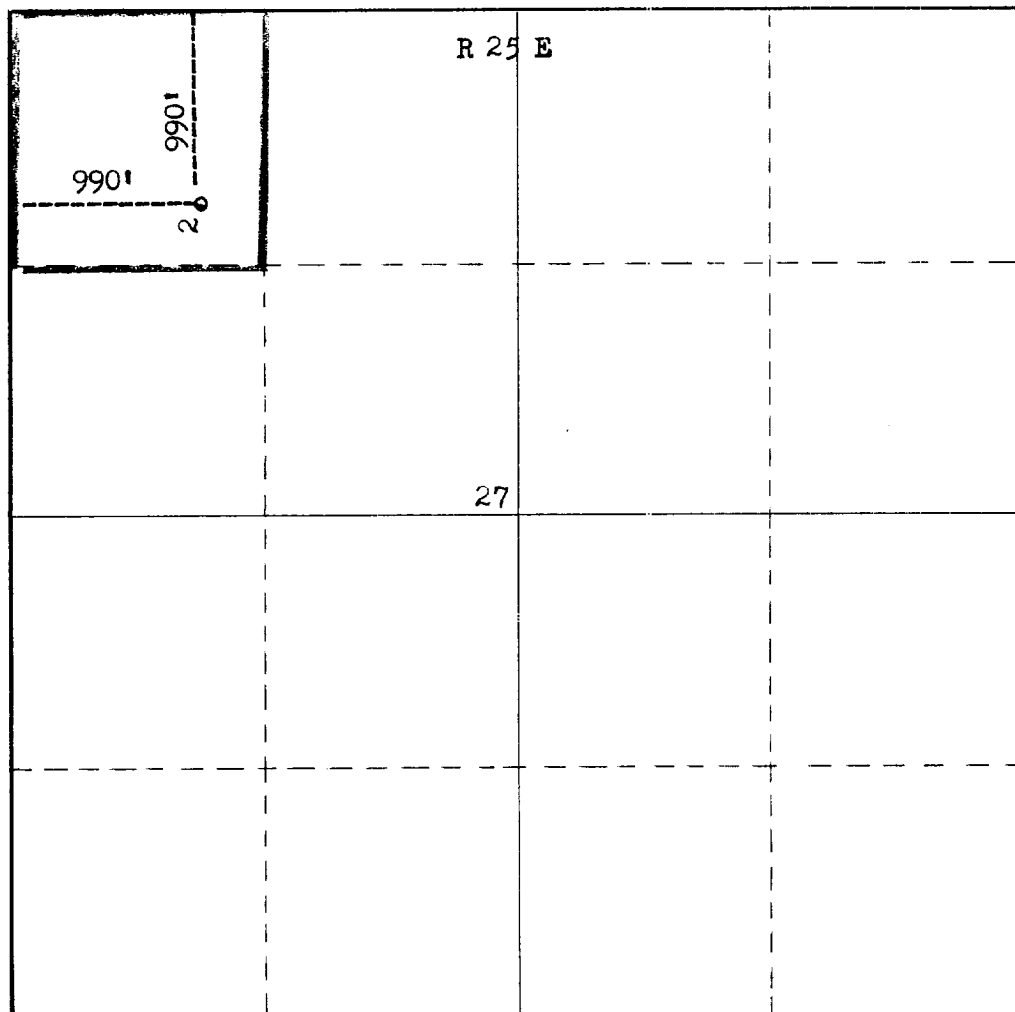
Operator <b>Yates petroleum Corporation</b>			Lease <b>XX Federal BQ</b>		Well No. <b>2</b>
Unit Letter <b>D</b>	Section <b>27</b>	Township <b>17 South</b>	Range <b>25 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well:					
990 feet from the <b>Norht</b> line and		990 <del>XXXX</del> feet from the <b>West</b> line			
Ground Level Elev. <b>3542</b>	Producing Formation <b>San Andres</b>	Pool <b>Und. Eagle Creek S.A.</b>	Dedicated Acreage: <b>40</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).
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.

*Eddie M. Mahfood*  
Name  
**Eddie M. Mahfood**

Position  
**Engineer**

Company  
**Yates Pet. Corporation**

Date  
**7-8-71**

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shown on this plat as plotted from field notes **JUL 1971** made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.  
**JAMES H. BROWN**

Date Surveyed

**July 7, 1971**

Registered Professional Engineer  
and/or Land Surveyor

*James H. Brown*  
Certificate No.  
**542**

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17  
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