



IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

P. O. Drawer 1857
Roswell, New Mexico 88201

January 18, 1971

Champlin Petroleum Company
Post Office Box 872
Midland, Texas 79701

Gentlemen:

Your Notice of Intention to Drill well No. 33-Hig Eddy Unit in the SE $\frac{1}{4}$ sec. 4, T. 20 S., R. 31 E., N.M.P.M., Eddy County, New Mexico, lease New Mexico 04557, to a depth of 11,900 feet to test the Strawn formation in the Pecos Area, is hereby approved.

One copy of the Notice is returned herewith. Please notify the District Engineer, Geological Survey, Post Office Drawer U, Artesia, New Mexico, 88210, in sufficient time for a representative to witness all cementing operations.

Sincerely yours,

(ORIG. SGD.) N. O. FREDERICK

N. O. FREDERICK
Regional Oil and Gas Supervisor

Attachment

cc:
Washington
Mining Branch (2)
NMOCC-Artesia (2) (w/2 cys Notice) ✓
Artesia (w/cy Notice)
Roswell (2) (w/cy Notice)

RECEIVED
JAN 21 1971
GEOLOGICAL SURVEY
WASHINGTON, D.C.

RECEIVED
JUN 19 1971
O.C.C.
ARTESIA, OFFICE

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. NM - 04557	
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	
2. NAME OF OPERATOR Champlin Petroleum Company			7. UNIT AGREEMENT NAME Big Eddy Unit	
3. ADDRESS OF OPERATOR P. O. Box 872, Midland, Texas 79701			8. FARM OR LEASE NAME Big Eddy Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 660' FS&EL, Sec. 4, T205, R31E, Eddy Co., New Mexico At proposed prod. zone Strawn			9. WELL NO. 33	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			10. FIELD AND POOL, OR WILDCAT Wildcat	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660 ft.			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 4, T205, R31E	
16. NO. OF ACRES IN LEASE 552			12. COUNTY OR PARISH 13. STATE Eddy N.M.	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160				
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 11,900			20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3525 GR (E)			22. APPROX. DATE WORK WILL START* February 5, 1971	

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11-3/4	11-3/4	42#	750	300
10-5/8	8-5/8	24 & 32#	4,000	800
7-7/8	5-1/2	17 & 20#	11,900	185

Drill 11-3/4" hole to 750' or depth necessary to set 11-3/4" surface casing in Red Bed section of basal Rustler formation. Cement with 300 sacks or enough to circulate cement to surface. Wait on cement 12 hrs., put on blow out preventers, pressure test casing to 600 psi for 30 min. Drill 10-5/8" hole to 4,000 ft. Set 8-5/8" casing at 4,000 ft. and cement with 840 sacks to circulate cement to surface. Wait on cement 12 hrs., pressure test casing to 1,000 psi for 30 min. Drill 7-7/8" hole to T. D. of approximately 11,900 ft. and cement 5-1/2" casing with 185 sacks of cement.

RECEIVED

JAN 13 1971

U. S. GEOLOGICAL SURVEY

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 Liberty M. Randolph TITLE District Clerk DATE January 11, 1971

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
JAN 19 1971
O.C.C.
ARTESIA, OFFICE

MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-55

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

Operator Champlin Petroleum Company			Lease Big Eddy Unit		Well No. 33
Unit Letter P	Section 4	Township 20 South	Range 31 East	County Eddy	
Actual Footage Location of Well: 550 feet from the South line and 550 feet from the East line					
Ground Level Elev. 3525 (E)	Producing Formation Strawn	Pool Undesignated		Dedicated Acreage: 160 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.

4		660'	
660'		660'	

CERTIFICATION

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

Name
Walter M. Randolph
Position
District Clerk

Company
Champlin Petroleum Company

Date
January 11, 1971

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

Date Surveyed
January 6-7, 1971

Registered Professional Engineer and/or Land Surveyor
Jim L. Lutz
Certificate No.
1052

0 320 640 960 1280 1600 1920 2240 2560 2880 3200 3520 3840 4160 4480 4800 5120 5440 5760 6080 6400

DESIGNATION OF AGENT

JAN 14 1971

Supervisor, Oil and Gas Operations:

O. C. G.
ARTESIA, OFFICE

The undersigned is, on the records of the Geological Survey, Unit Operator under the _____ Unit Agreement, Eddy & Lea County, New Mexico (state), No. 10-1-1-1-1-1 approved October 1, 1952 and hereby designates:

NAME: Champlin Petroleum Company
P. O. Box 9305
ADDRESS: Fort Worth, Texas 76107

as its agent, with full authority to act in its behalf in complying with the terms of the Unit Agreement and regulations applicable thereto, and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to drilling, testing and completing Unit Well No. 33, in the 1/4 Sec. 4, T-20S, R-31E, N.M.P.M. Eddy County, New Mexico.

It is understood that this Designation of Agent does not relieve the Unit Operator of responsibility for compliance with the terms of the Unit Agreement and the Oil and Gas Operating Regulations. It is also understood that this Designation of Agent does not constitute an assignment of any interest under the Unit Agreement or any lease committed thereto.

In case of default on the part of the designated agent, the Unit Operator will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The Unit Operator agrees promptly to notify the Oil and Gas Supervisor of any change in the designated agent.

This Designation of Agent is deemed to be temporary and in no manner a permanent arrangement.

This Designation is given only to enable the agent herein designated to drill the above specified Unit Well. Unless sooner terminated, this Designation shall terminate when there is filed in the appropriate district office of the U. S. Geological Survey a completed file of all required Federal reports pertaining to subject well. It is also understood that this Designation of Agent is limited to field operations and does not cover administrative action requiring specific authorization of the Unit Operator.

PERRY R. BASS

Unit Operator

December 18, 1970By Perry R. Bass