

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL

WELL ☒

GAS

WELL ☐

OTHER

STEAM

WELL ☐

MULTIPLE

ZONES ☐

2. NAME OF OPERATOR

Eastern Petroleum Co.

3. ADDRESS OF OPERATOR

P.O. Box 291, Carmi, Illinois 62821

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface

1650ft. FSL, 1350 ft. FEL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

20 miles South of Shiprock, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drilg. unit line, if any)

1350 ft.

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

300 ft.

16. NO. OF ACRES IN LEASE

4000

19. PROPOSED DEPTH

1390

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5314 GL

22. APPROX. DATE WORK WILL START*

7-29-71

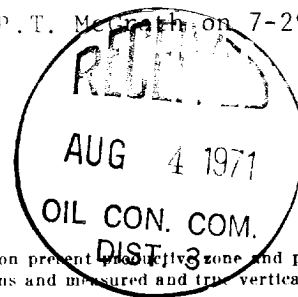
23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
6 1/2"	4 1/2"	9.5#	1380 ft.	130 sks.
3 7/8"	2 7/8"	Tubing	1390 ft.	Open hole-Production String

Propose to drill and test the Dakota Sandstone. If productive, well set 2 7/8" tubing.

Verbal permission to drill obtained from Mr. P.T. McBrath on 7-29-71



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

TITLE Vice President

DATE 7-29-71

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

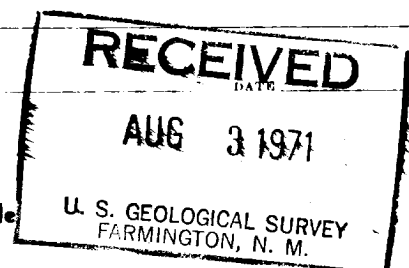
APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

Permit e-100 for FSL

*See Instructions On Reverse Side



NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-123
Effective 1-1-65

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

Operator Eastern Petroleum Co.			Lease Table Mesa A		Well No. 1-A
Unit Letter J	Section 34	Township 28 N	Range 17 W	County San Juan	
Actual Footage Location of Well: 1650 feet from the South line and 1350 feet from the East line					
Ground Level Elev. 5314	Producing Formation TABLE MESA		Pool DAKOTA		Dedicated Acreage: 40 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.

	<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>
	<p>RECEIVED AUG 4 1971 OIL CON. COM. DIST. 3</p>
	Position _____
	Company _____
	Date _____
	<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> <p align="right">July 21, 1971</p>
Date Surveyed _____	
Registered Professional Engineer and/or Land Surveyor <i>Thomas H. Rein</i>	
Certificate No. 3795	

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 0