

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-845-20246

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐		5. LEASE DESIGNATION AND SERIAL NO. 1-89-IND-36
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Tribe
2. NAME OF OPERATOR Eastern Petroleum Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 291, Carmi, Illinois 62821		8. FARM OR LEASE NAME Navajo
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 2310 feet from the North line and 2310 feet from the East line. At proposed prod. zone Same		9. WELL NO. 23
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 5 miles west of Shiprock, New Mexico		10. FIELD AND POOL, OR WILDCAT Rattlesnake
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1700 feet	16. NO. OF ACRES IN LEASE 4080	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 2, T 29 N, R 19 W
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 120 feet	19. PROPOSED DEPTH 900 feet	12. COUNTY OR PARISH San Juan
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5256 Ground		13. STATE New Mex.
22. APPROX. DATE WORK WILL START* June 10, 1968		

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 1/4"	7"	17#	17'	5 ex
6 1/4"	4 1/2"	9.5#	900'	10 ex

Propose to drill and test the Dakota sandstone.
If productive will set and cement 4 1/2" casing.

- * Note: This well is a 120' twin to the No. 6 Navajo.
This well (No. 23) will test the 1st Dakota sandstone.
The No. 6 Navajo will subsequently be deepened to the 3rd Dakota.
At present the No. 6 Navajo is not producing.



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 RE Kauth TITLE Geologist-Agent DATE March 8, 1968

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY EA TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir, at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plat, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

**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.

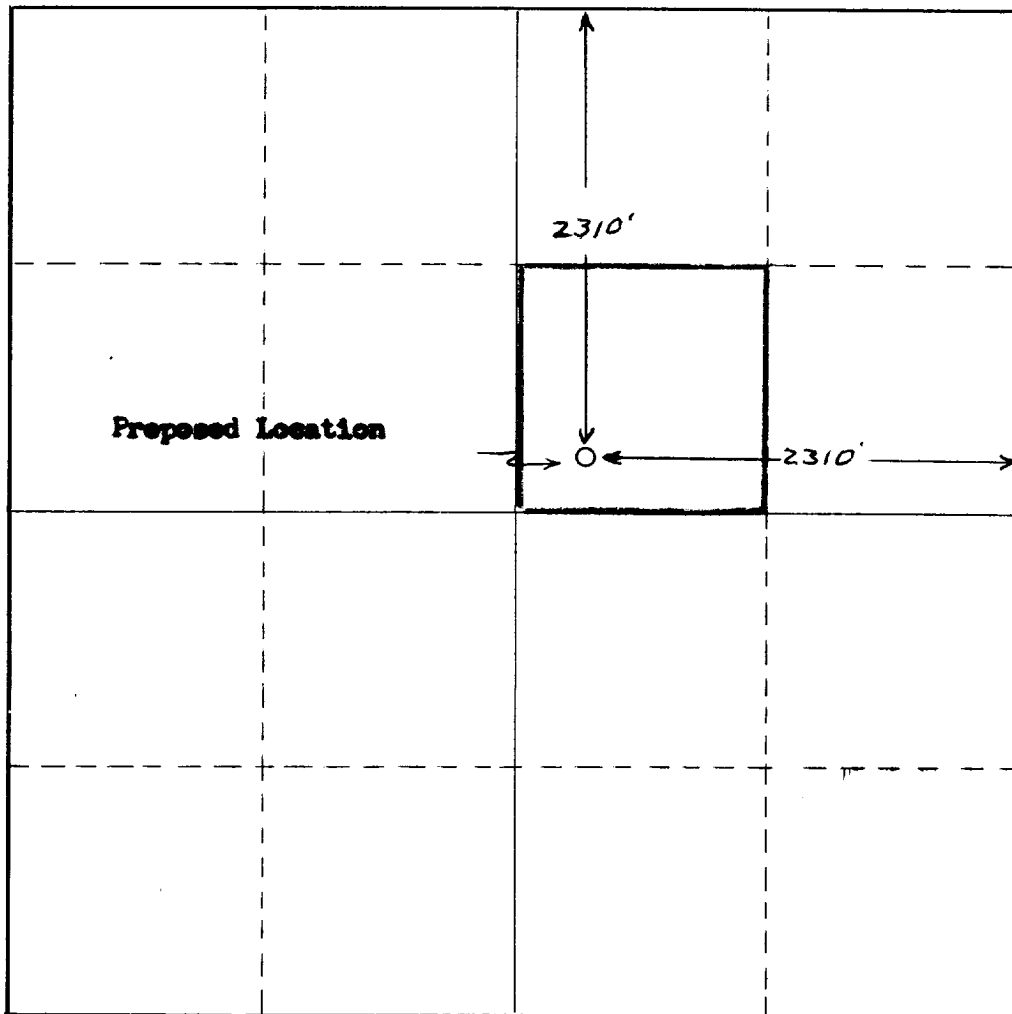
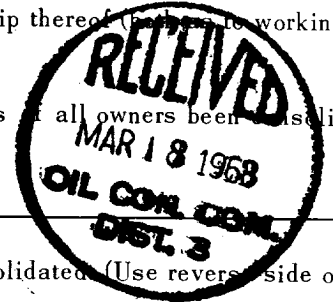
Operator Eastern Petroleum Co.			Lease Navajo		Well No. 23
Unit Letter A	Section 2	Township 29 N	Range 19 W	County San Juan	
Actual Footage Location of Well: 2310 feet from the North line and 2310 feet from the East line					
Ground Level Elev. 5256	Producing Formation San Juan	Pool Antelope	Dedicated 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 (other than 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 one lease

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.

Name **A. E. Luth**
Position **Geologist-Agent**
Company **Eastern Petroleum Company**
Date **March 8, 1968**

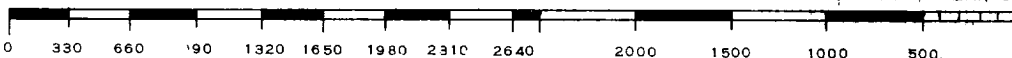
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed **March 5, 1968**

Registered Professional Engineer and/or Land Surveyor

Frederick H. Reed

Certificate No. **3795**



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