

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

FEDERAL LANDS OFFICE

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

NAME OF WELL

DRILL

DEEPEN

PLUG BACK

PERMIT AGREEMENT NAME

TYPE OF WELL

PRODUCTION
WELLMATERIAL
ZONE

FARM OR LEASE NAME

NAME OF OPERATOR

OTHER PIPE AND CEMENT

NUMBER OF HOLLOW

H. E. and Pet. Prod. Co.,
D. Well No. 113. PROPOSED LOCATION, SECTION, TOWNSHIP,
AND RANGE

4. IN ACTION OF WELL, PROPERTY LINES CLEARLY AND READILY MARKED WITH METAL TACKS, PINS, OR

TICKS, ETC.

10. FIELD AND POLE OR WILDLAND
LAWRENCEFIELD, Twp. - SR11. SECTION, TOWNSHIP OR RANGE
AND SOCIETY OR AREA

S-14, T-19N, R-3E

12. COUNTY OR PARISH

Lee

N.Y.

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

15. DISTANCE FROM PROPOSED
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)16. DISTANCE FROM PROPOSED LOCATION
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

17. ELEVATIONS (Show whether DE, KT, GR, etc.)

3629.7 ft

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PROPOSED Casing AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
1 1/2"	3 5/8"	1.75	350'	Circulate
1 1/2"	2"	1.75	334 1/2'	150 cu. yds.

Proposed to drill a 1 1/2" hole to 350', end set 3 5/8" casing and circulate cement. Cement in 1 1/2" BOP, 1 1/2" set, will be tested with ram closed and surface pipe tested prior to drilling out. Drillline and will be Saltwater Gas with viscosity of 3000 cP. Test will be Willbros Vortex Permeability and Dual Interval Log Micro. Testing will be done until after pipe has been cemented and well fractured. There are no mineral properties, waterfowl, or fish considered in this area.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM. If proposed to deepen or plug back, give date on present productive zone and proposed new productive zone. If proposal is to drill or open directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

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SIGNED *Walter B. Murray*

Alpha Metals Pipe & Supply

DATE 3-15-86

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

PERMIT NO.

Og. Sd. 03-15-86

APPROVAL DATE

APPROVED BY _____
CITY, STATE, APPROVAL DATE

TITLE

DATE 4-10-86

*See Instructions On Reverse Side

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-1
Superseded 6-12-78
Effective 1-1-85

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

Section	Lease	Area
16	16 S. 16 E. 16 S. 16 E.	1/4

Sectional Location of Well:

Section	Tract	Block	Well No.	Line
16	7	1	1	40

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, forced 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.

Martin B Munay
M&B
Instex Pipe & Supply

March 12, 1986

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.

One Surveyor

John W. West,
Registered Professional Engineer
Land Surveyor

Signature: John W. West
Certificate No. JOHN W. WEST, 676
RONALD J. EIDSON, 3239



Application for Drilling
Metex Pipe and Supply
Hass and Petersen Federal #1

In conjunction with form 9-331C, Application For Permit to Drill subject well, Metex Pipe and Supply submits the following items of pertinent information in accordance with MHS/BLM.

1. The geologic surface formation is quaternary.
2. The estimated tops of geologic markers are as follows:
TOP SALT-----1450'
Bottom Salt-----2775'
YATES-----3000'
SEVEN RIVERS-----3240'
3. The estimated depth at which anticipated water, oil, or gas formations are expected to be encountered:
WATER-----Possible in random sands to 250'
OIL-----Yates, Seven Rivers
4. Proposed casing program: See Form 9-331C
5. Pressure control equipment: See Form 9-331C
6. Drilling Mud: Surface to 350' Fresh Water and native mud.
350' to T.D. Brine water and Gel
7. Testing, Logging and Coring:
DST: None planned
Logging: Gr/SNP, DIL/RHO T.D. to 350'
CCL/CEL to surface
8. No abnormal pressures or temperatures are anticipated.
9. Anticipated Starting date: April 14, 1986

This statement is subject to the provisions of 18 WAC 1001 for the
testifying of a false statement.

Martin B. Muncey

Martin B. Muncey
d/b/a Metex Pipe and Supply

RECEIVED
APR 11 1986
HOBBY OFFICE

SEARCHED INDEXED
SERIALIZED FILED
APR 11 1986