

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 ☐

SINGLE ☒ ZONE
MULTIPLE ☐ ZONE

2. NAME OF OPERATOR

Che Operating Inc.
Amtex Energy, Inc.

3. ADDRESS OF OPERATOR

P. O. Box 3418, Midland, TX 79702

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

At surface
1980' FNL & 1980' FWL

At proposed prod. zone
Strawn

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

52 miles Southeast of Roswell, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any) 1980'

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

0'

16. NO. OF ACRES IN LEASE

600

19. PROPOSED DEPTH

10,900'

17. NO. OF ACRES ASSIGNED TO THIS WELL

80

20. ROTARY OR CABLE TOOLS

Rotary

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

22. APPROX. DATE WORK WILL START*

June 15, 1989

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2	13 3/8	48#, 54.5#	400'	W/525 SX
12 1/4	8 5/8	24#	3350'	W/1260 SX
7 7/8	5 1/2	17#	10,900'	W/550 SX

Mud Program:

0' - 400' Spud Mud
400' - 9050' Brine, Native Mud, Vis. 30-32, Wt. 8.4-9.0#
9050' - 10900' Brine, drispac, Vis. 32-36, Wt. 9.4-9.6#

BOP Program:

A 10" Series 600 Shaffer Double BOP, 3000 psi W.P., with Hydraulic closing unit and blind rams will be installed and tested daily.
one blind, one pipe ram

Gas is not dedicated.

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.

Agent for:

SIGNED *Kate E. McKamey*

TITLE *Amtex Energy, Inc.*

DATE *2-13-89*

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

S/Levi Deike, Acting

TITLE *Area Manager*

DATE *JUN 29 1989*

CONDITIONS OF APPROVAL, IF ANY:

PLEASE BE ADVISED THAT THERE WILL BE NO EXCAVATION OF FEDERALLY OWNED MINERAL MATERIAL FOR CONSTRUCTION OF THE ACCESS ROAD OR PAD WITHOUT PAYMENT IN ADVANCE.

APPROVAL OF THIS APPLICATION DOES NOT WARRANT OR CERTIFY THAT THE APPLICANT HOLDS LEGAL OR EQUITABLE TITLE TO THOSE RIGHTS IN THE SUBJECT LEASE WHICH WOULD ENTITLE THE APPLICANT TO CONDUCT OPERATIONS THEREON.

See Instructions On Reverse Side

Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false or fraudulent statement or representation as to any matter within its jurisdiction.

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

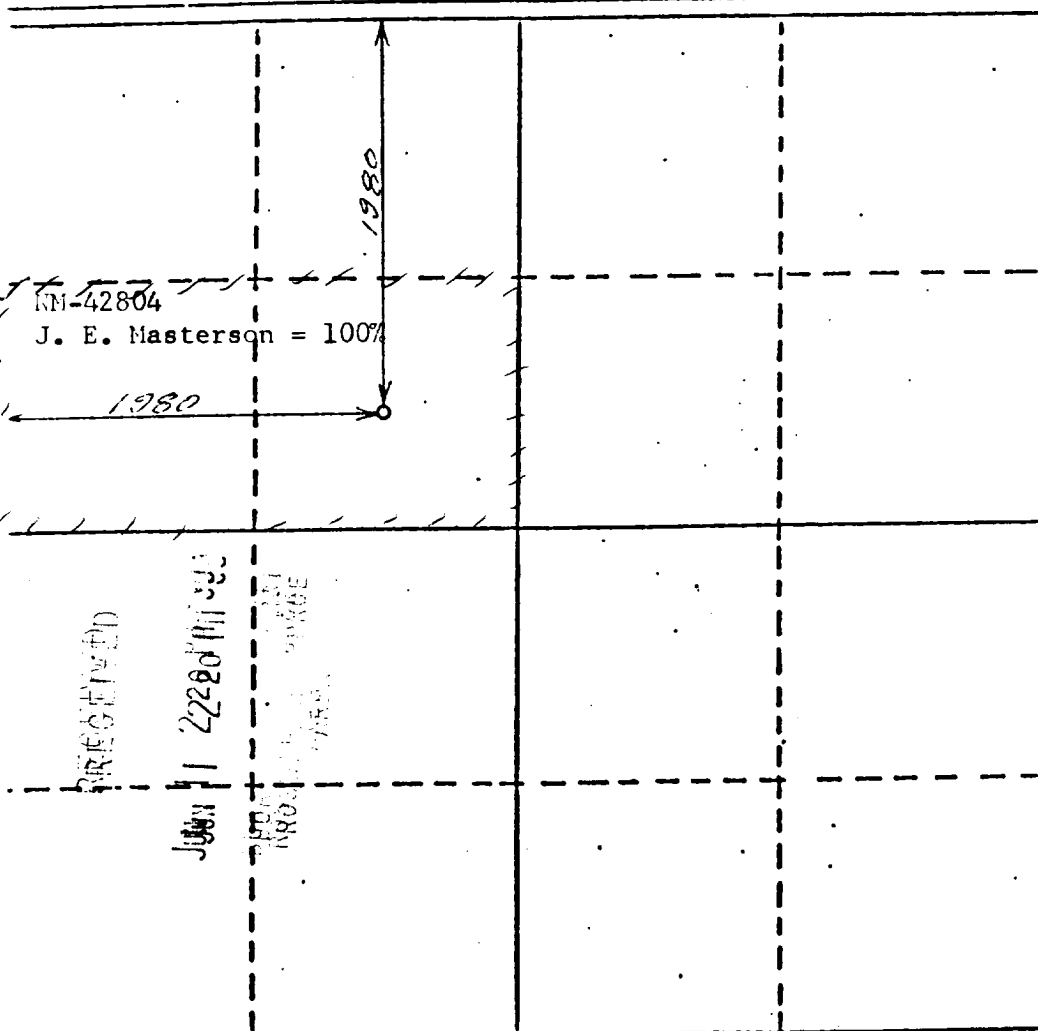
Operator Chi Operating, Inc.		Lease McKamey Federal		Well No. 1
Unit Letter F	Section 26	Township 15 South	Range 30 East	County Chaves
Actual Postage Location of Wells 1980 feet from the North line and 1980 feet from the West line				
Ground Level Elev. 4126	Producing Formation Strawn	Pool Cedar Point Strawn	Dedicated Acreage: 80 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure 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, 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 Division.



CERTIFICATION

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

David H. Harrison

Name
David H. Harrison

Position
President

Company
Chi Operating, Inc.

Date
May 10, 1989

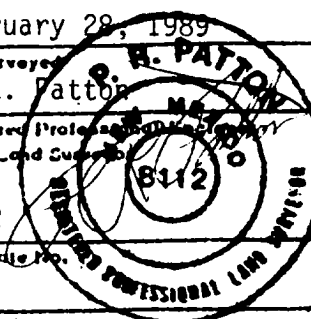
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

February 28, 1989

Date Surveyed
P. R. Patton
Registered Professional Land Surveyor
and/or Land Surveyor

8112

Certificate No.



330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

APPLICATION FOR DRILLING

AMTEX ENERGY, INC.
McKamey Federal, Well No. 1
1980' FWL & 1980' FWL, Sec. 26-15S-30E
Chaves County, New Mexico
Lease No.: NM-42804
(Development Well)

In conjunction with Form 3160-3, Application for Permit to Drill subject well, Antex Energy, Inc., submits the following items of pertinent information in accordance with BLM requirements:

1. The geologic surface formation is Quaternary (Qe) Sand Dunes.
2. The estimated tops of geologic markers are as follows:

Queen Sand	2,580'
San Andres	3,300'
Upper Wolfcamp	8,100'
Bough "C"	9,170'
Bough "D"	9,215'
Strawn	10,600'
T.D.	10,800'



3. The estimated depths at which water, oil or gas formations are anticipated to be encountered:

Water: None
Oil: 2580'; 9170'; 9215'; 10,600'
Gas: 10,600' (associated with oil)

4. Proposed Casing Program: See Form 3160-3.
5. Proposed Control Equipment: See Form 3160-3 and Exhibit "E".
6. Mud Program: See Form 3160-3.
7. Auxiliary Equipment: Blowout preventer, gas detector, kelly cock, pit level monitor, flow sensors and stabbing valve
8. Testing, Logging, and Coring Program:

Drill Stem Tests: 9,170'; 9,215'; 10,600'

Logging: CNL-FDC 3350' - TD; CNL-GR 3350' - surface; DLL-MLL 3350' - TD

Coring: 2580' - 2610' possible
9. No abnormal pressures or temperatures are anticipated. In the event abnormal pressures are encountered the proposed mud program will be modified.
10. Anticipated starting date: 6/15/89.
Anticipated completion of drilling operations: Approximately 31 days.

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RECEIVED

JUL 7 1989

OCD
HOBBS OFFICE