

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

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Amini Oil Company

3. ADDRESS OF OPERATOR

405 Wall Towers East - Midland, Texas 79701

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

At surface

3300' FNL & 660' FWL

At proposed prod. zone

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

5 1/2 miles SE of Halfway, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

093840:120 ac.
093840A:40 ac., 25

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

14,600'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

15:160 ac. 320 Ac.

20. ROTARY OR CABLE TOOLS

Rotary

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

3719 GR

22. APPROX. DATE WORK WILL START*

3-28-73

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

See attached sheets for casing & cementing programs.

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

Barin Hadwin

TITLE Agent

DATE 3-23-73

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

AMINI OIL COMPANY
NO. 1 PUBCO FEDERAL
LEA COUNTY, NEW MEXICO

Casing and Cement Program:

Surface Casing:

24" hole size; set 400' of 20" 94# 8rd. st&c casing.
Cement (circulate) with: 425 sx. Halliburton light +
5# of salt per sack & 200 sx. class "C" + 2% calcium
chloride per sack.

First Intermediate String:

17½" hole size; set 4000' or 4350' (if needed) of 13-3/8" casing.
(2100' 54.50# K-55, 1950' 61# S-80, & 300' 68# S-80)
Cement (circulate) with: 2,450 sx. Halliburton light + ¼# flowseal,
15.6# salt, & 5# gilsonite per sack & 200 sx class C neat.

Second Intermediate String:

9-5/8" liner from 4250'-11,300'.
12¼" hole size; set 1750' 40# S-95 lt&c, 2400' 43.50# S-95 lt&c,
2600' 47# S-95 lt & c, & 300' 53.50# S-95 lt&c.
Cement with: 1250 sx Halliburton light + 6# salt & ¼# floseal
per sack & 200 sx. class H + 10#salt & 1% CFR-2 per sack.

Production String:

8½" hole size; set 3150' of 5½" liner, 20# & 23# N-80 lt&c.
Cement with: 400 sx. of class H + 8# salt & 1% CFR-2 per sack.

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Mud Program:

0'-4000'

Spud mud. Aquagel, lime and lost circulation material
as needed.

4000'-11,300'

Native fluid, brine and fresh water. Hy-Seal for seepage
and Fibertex for loss of circulation. Mud up with salt base
fluid to run casing.

Viscosity: 35 to 38

Filtrate: 15cc

Increase viscosity as needed to insure good hole conditions.

11,300'-12,000'

Brine water.

Hy-Seal for seepage.

12,000'-TD

Mud up low solids salt base fluid.

Viscosity: 34 to 35

Filtrate: 10cc

Weight: 10 to 10.8

Increase weight to 10.5 to 10.8 before penetration of Strawn
or Morrow. Possible that weight will be increased to 11 to
11.5 before T.D.

**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

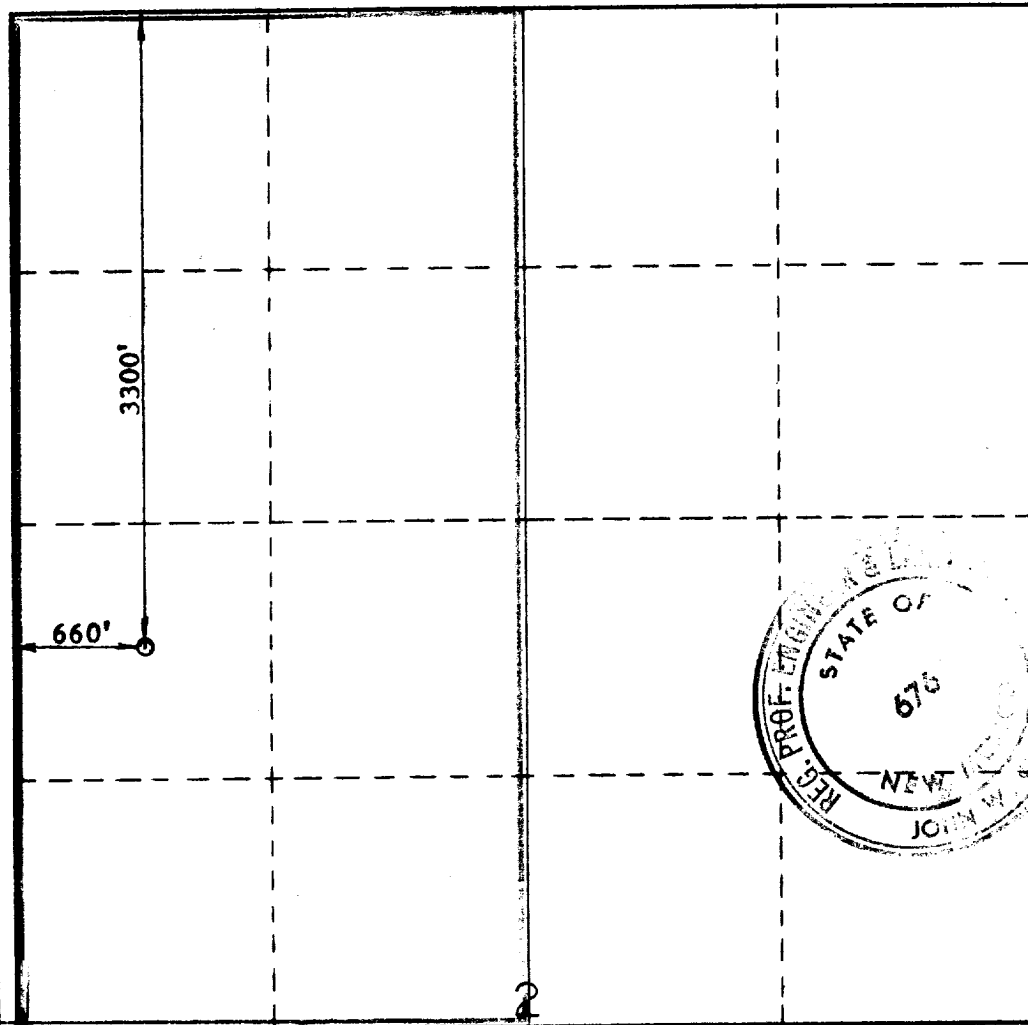
Operator AMINI OIL Co.			Lease PUBCO FED.		Well No. 1
Unit Letter L	Section 2	Township 21 SOUTH	Range 32 EAST	County LEA	
Actual Footage Location of Well: 3300 feet from the NORTH line and 660 feet from the WEST line					
Ground Level Elev. 3719	Producing Formation MORROW		Pool UNDESIGNATED		Dedicated Acreage: 318.41 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 Communitization

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 John W West
Position **AGENT**
Company **AMINI OIL COMPANY**
Date **MARCH 26, 1973**

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 22, 1973**
Registered Professional Engineer and/or Land Surveyor John W West
Certificate No. **676**

