

R 37 E

Cabot, et al

Forest

2
T.D. 10,240

Cabot

Ventura

T.D. 6300, I-C

I-B

T.D. 12,437

H.L. Lowe, et al

1
T.D. 13,145
P.B. 10,408

H.L. Lowe, et al

Cabot, et al 35

Cabot

Cabot
Lowe
T.D. 11,686

Cit. Serv.

T.D. 11,570
2-C

T
13
S

J.R. Reed, et al

State

Cabot, et al

Kerr-McGee, et al

Proposed:
Devonian - Pennsylvanian
Dual

Tex. Crude

T.D. 10,250

3

T.D. 12,839

40 Acre Unit

4

2

H.W. Fleet, et al

2

State

To Mc Donald 8 Miles

KING PLANT

T.P.C. & O.

2

Atlantic
Reed
T.D. 12,864

KING FIELD
LEA COUNTY, N.M.

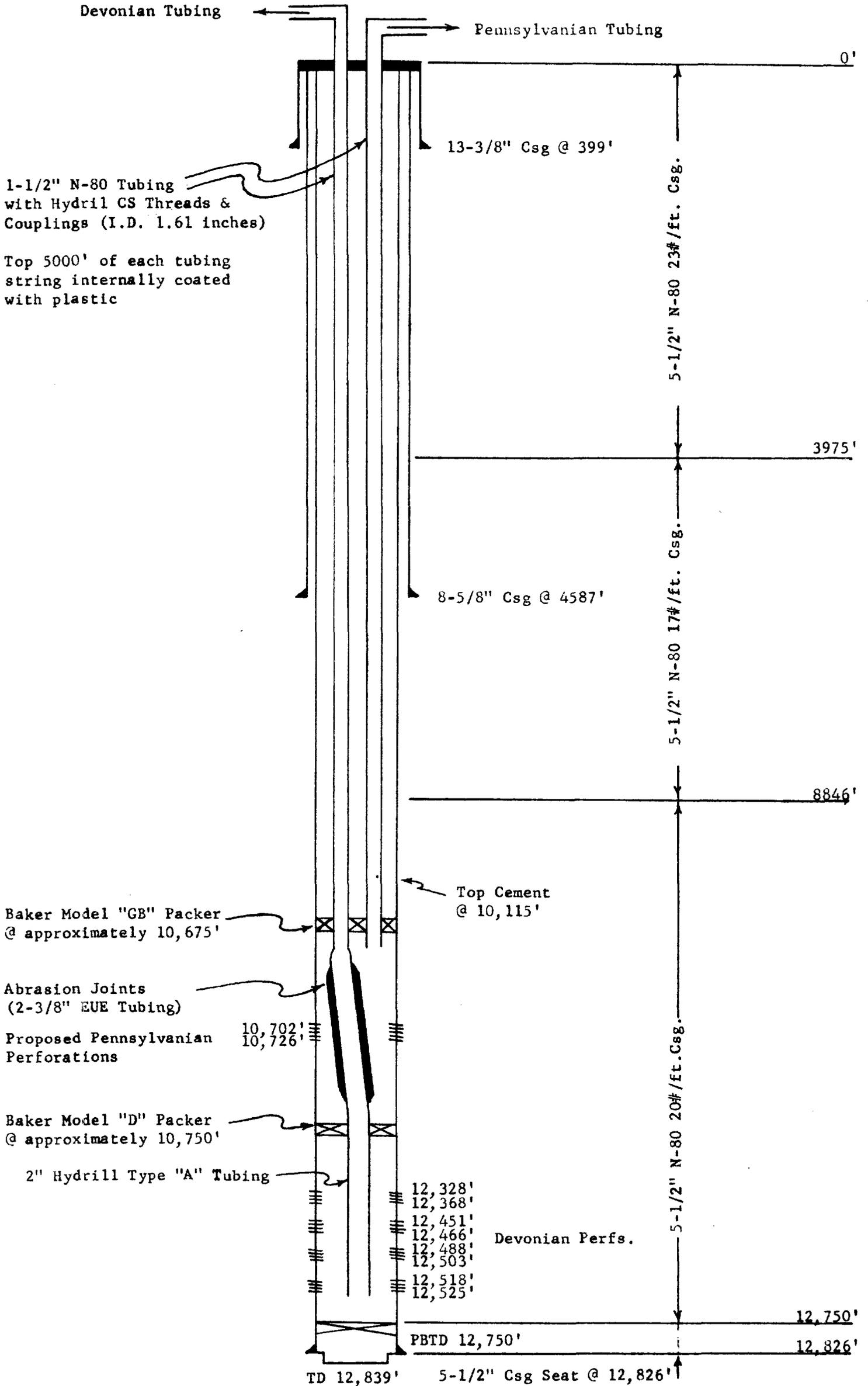
T
14
S

SCALE 1" = 1000'

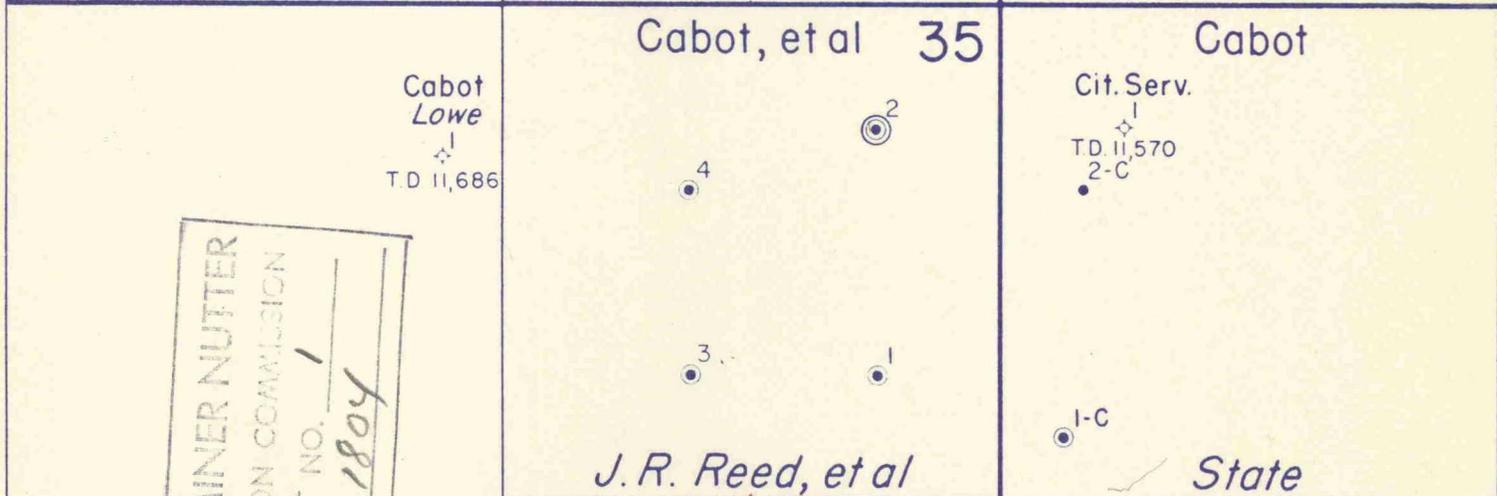
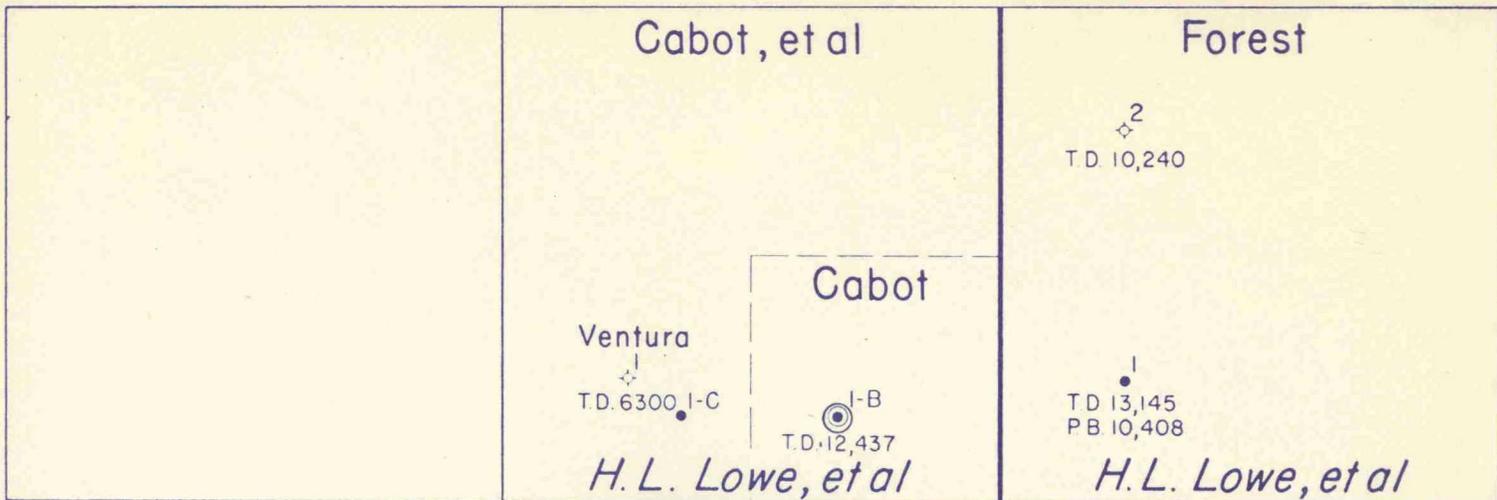
- DEVONIAN WELL
- ◆ WOLFCAMP WELL
- ◎ DUAL WOLF. & DEV. WELL
- ◇ DRY HOLE

State

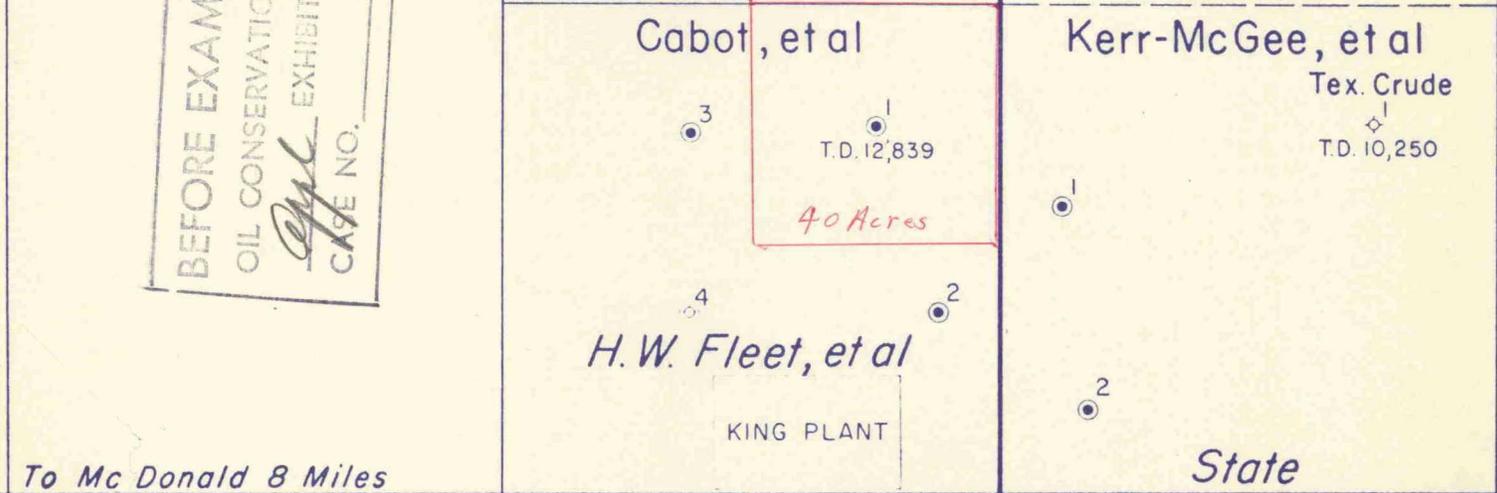
DIAGRAMMATIC SKETCH OF DUAL STRING COMPLETION
 Proposed for
CABOT CARBON COMPANY'S HOWARD FLEET, ET AL NO. 1
 Section 35, Township 13 South, Range 37 East



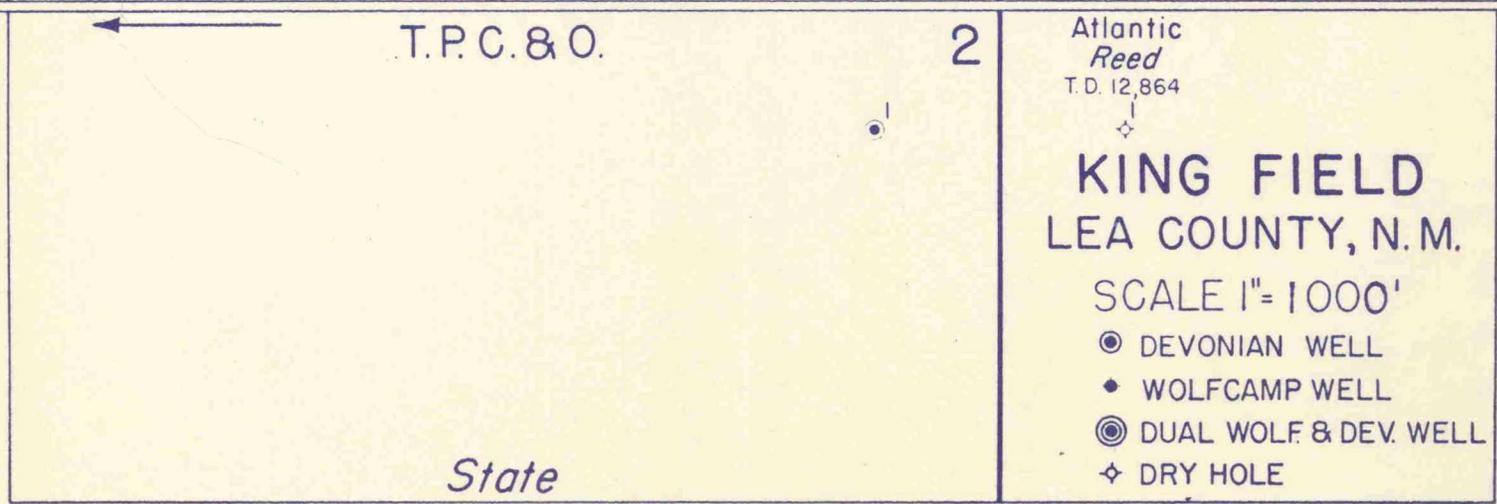
Guide Shoe, 2 jt. of
 N-80 20#/ft Csg, and
 Float Collar



BEFORE EXAMINER NUTTER
 OIL CONSERVATION COMMISSION
 CASE NO. 1804
 EXHIBIT NO. 1



To Mc Donald 8 Miles

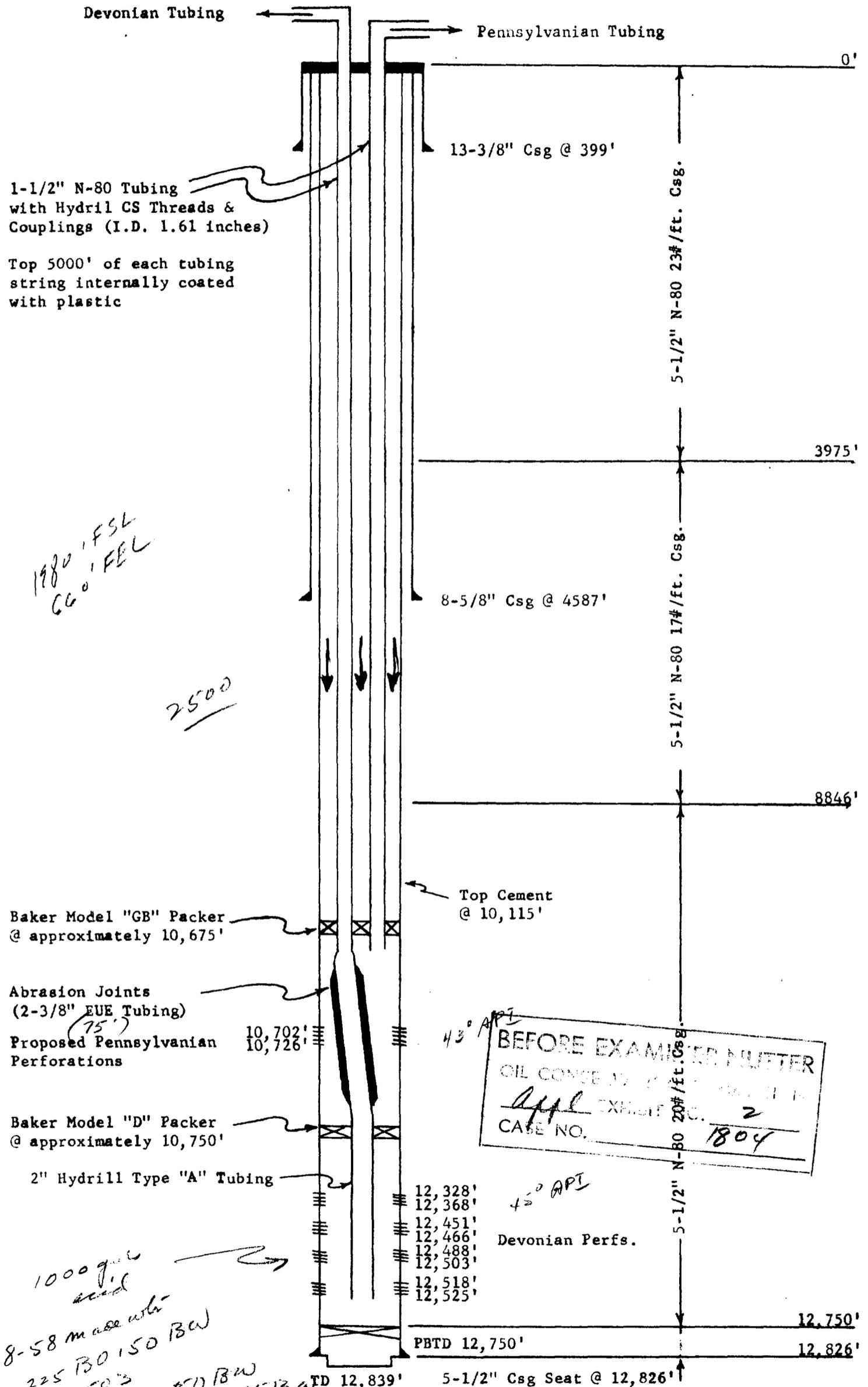


T
13
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Proposed for
CABOT CARBON COMPANY'S HOWARD FLEET, ET AL NO. 1
 Section 35, Township 13 South, Range 37 East

Exhibit No. 2



1-1/2" N-80 Tubing
 with Hydril CS Threads &
 Couplings (I.D. 1.61 inches)

Top 5000' of each tubing
 string internally coated
 with plastic

*1980' FSL
 660' FEL*

2500

Baker Model "GB" Packer
 @ approximately 10,675'

Abrasion Joints
 (2-3/8" EUE Tubing)

Proposed Pennsylvania
 Perforations 10,702' - 10,726'

Baker Model "D" Packer
 @ approximately 10,750'

2" Hydrill Type "A" Tubing

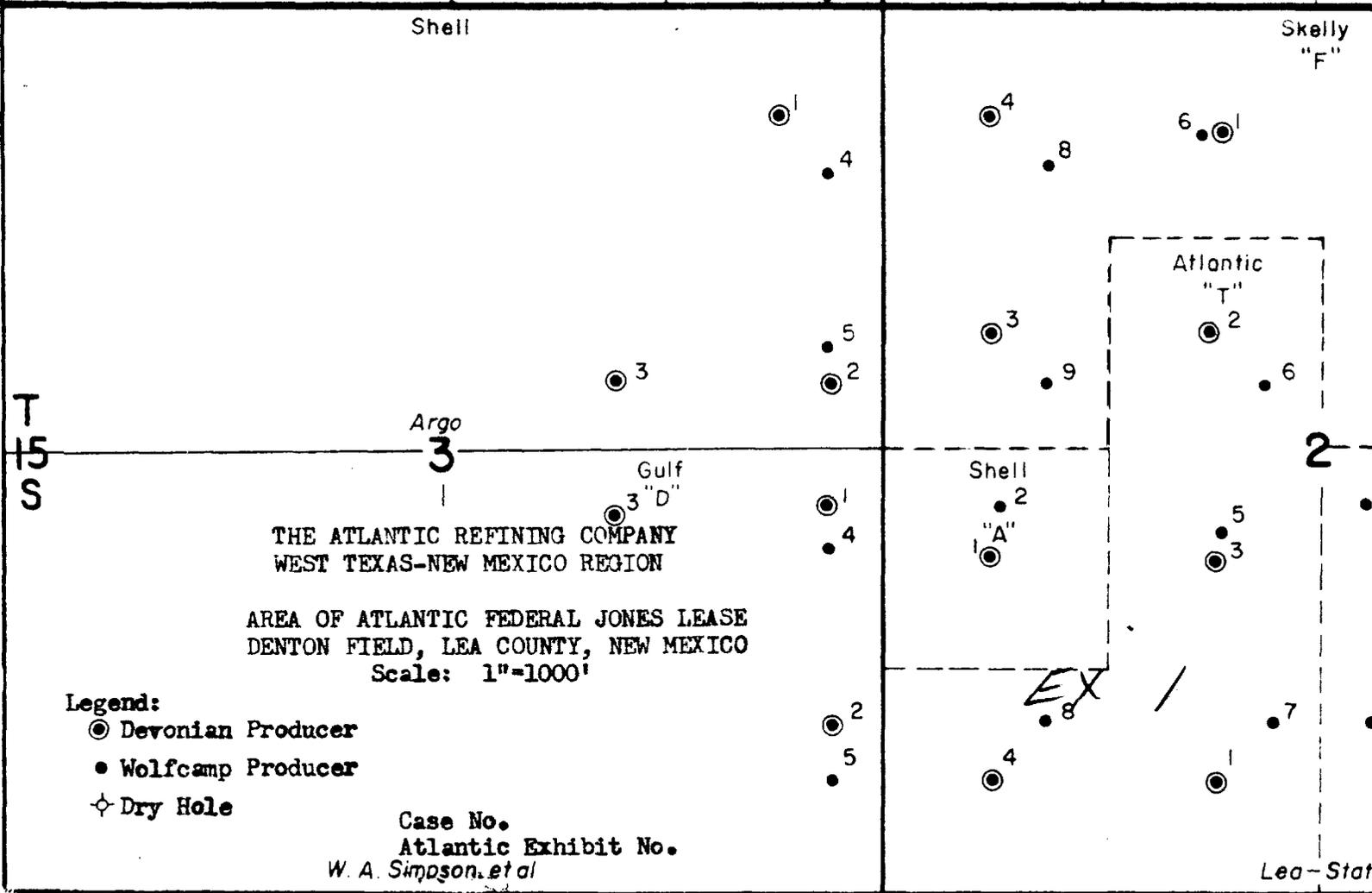
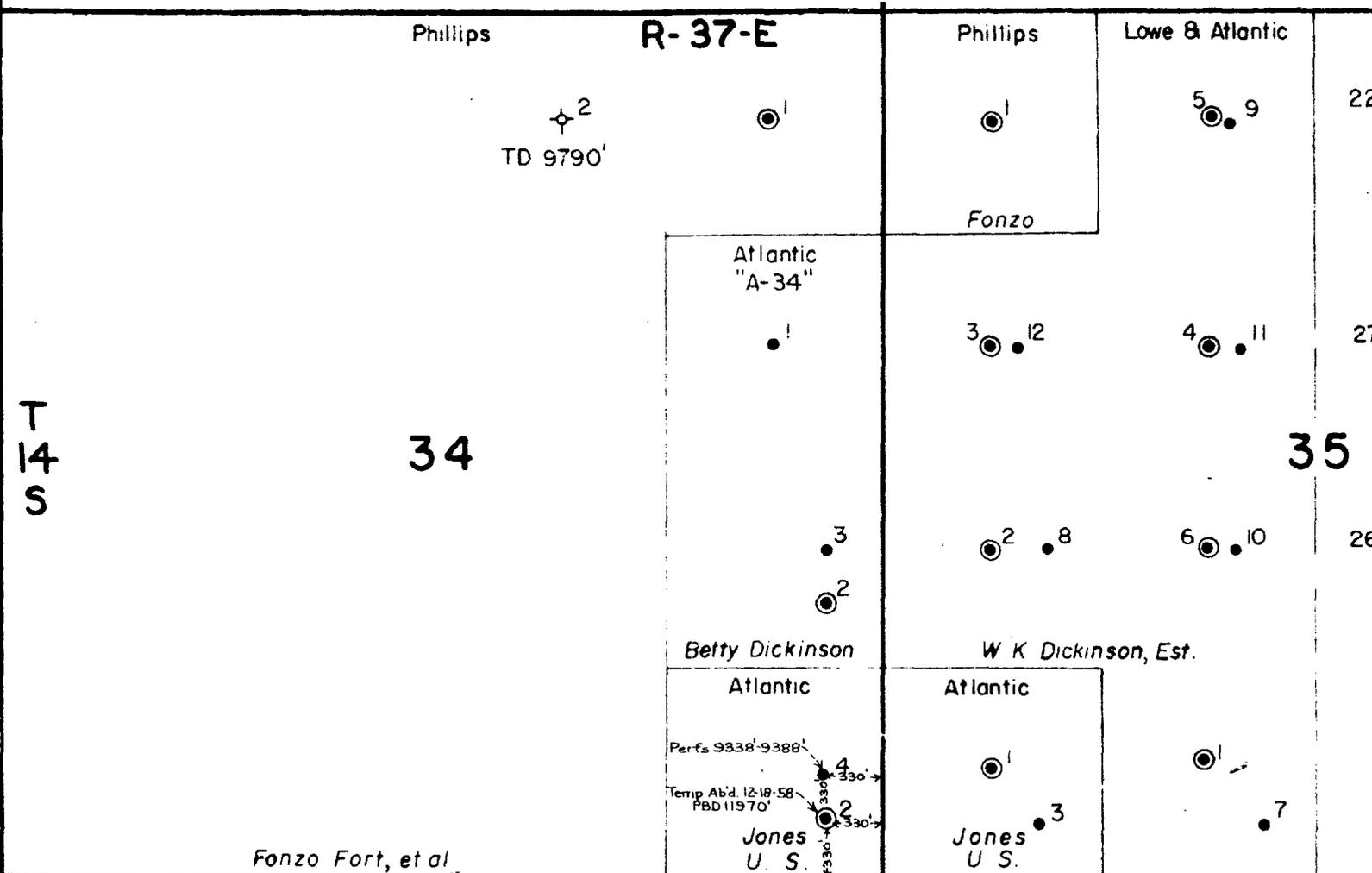
12,328'
 12,368'
 12,451'
 12,466'
 12,488'
 12,503'
 12,518'
 12,525'

Devonian Perfs.

*1000 gal
 8-58 m case w/
 225 B30 150 B3W
 GOR 150 B
 5/59: 150 B30 150 B3W
 now: 111 B30 75 B3W*

BEFORE EXAMINED MUTTER
 OIL CONCEALMENT
Appl EXHIBIT NO. 2
 CASE NO. 1804

Guide Shoe, 2 jt. of
 N-80 20#/ft Csg, and
 Float Collar



CHRONOLOGICAL HISTORY OF ATLANTIC REFINING COMPANY'S
FEDERAL JONES NO. 2
DENTON (DEVONIAN) POOL

Atlantic's Federal Jones No. 2 is located 330' FSL and 330' FEL of Section 34, T-14S, R-37E, NMPM. It was spudded on June 24, 1952. Surface pipe is set at 324.8' with 350 sacks of cement. Cement circulated to surface. Intermediate casing of 9-5/8" is set at 4753.77' with 3000 sacks of cement. Top of cement is at 1970', behind 9-5/8" casing. Seven inch casing is set at 12,536' with 750 sacks of cement. Top of cement is at 8310'.

Original completion interval 12,536' to 12,600', open hole. The initial potential was 1436 BOPD with no water. It was completed on January 1, 1953. Drilling and completing costs were \$379,969.

On March 2, 1954, a workover was started to plug well back 10' to 12,590' in an effort to shut-off water. Water production at that time was in excess of 70%. Well was plugged back to 12,591' but results were unsuccessful. Cost of workover was \$6,621.

On April 2, 1954, a workover to squeeze open hole with diesel-oil cement and perforate from 12,468-518' was commenced. This workover was completed on April 14, 1954. The well produced 236 BOPD with .4% water. This gave only temporary water shut off. On April 30, 1954, another series of cement squeezes and perforatings commenced which resulted in a completion interval of 12,468'-12,513' with the well on pump. The well potentialled for 33 BOPD and 77 BOPD on November 23, 1956, immediately after completion of workover. This workover cost \$88,982 including pumping equipment.

On January 14, 1958, work commenced to repair pump and acidize well with 10,000 gallons of acid. This work was completed on February 20, 1958, and the well tested 10 BOPD and about 735 BOPD. Cost of workover was \$6,128.

Other minor workovers consisting of small acid jobs and pump repairs amounted to \$8310.

Cost of setting bridge plug at 11,980' and temporarily abandoning; was \$1802. Well was temporarily abandoned on December 18, 1958.

Total drilling, completing, and workover costs	\$491,812
Total Devonian oil production, barrels	141,224

Ex 2

ILLEGIBLE

12-1538

DIAGRAMMATIC SKETCH OF DUAL STUBBLE COMPLETION

Prepared for

HEADS OFFICE 000

1930 APR 25 PM 2:30
Section 31, Township 13, Range 37 N, E 3
for County, New Mexico

