

Geology: Thomas R. Smith Date: February 3, 1988

STRUCTURE

TOP OF THE ATOKA SHALE

C. I. = 100'

**BETTIS, BOYLE & STOVALL**

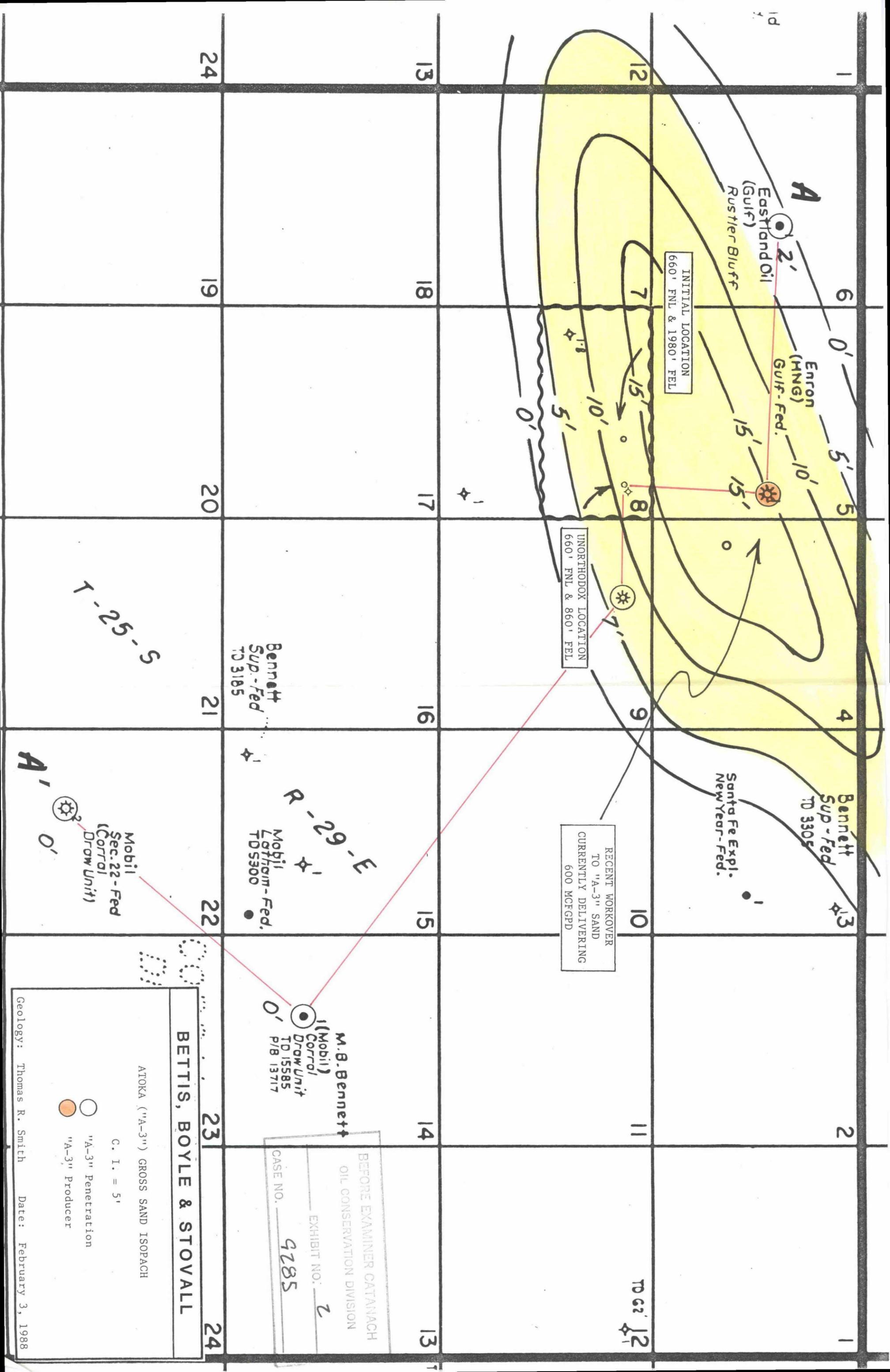
BEFORE EXAMINER CATANACH

OIL CONSERVATION DIVISION

EXHIBIT NO. 1

CASE NO. 9285

TD 62 12



**BETTIS, BOYLE & STOVALL**

ATOKA ("A-3") GROSS SAND ISOPACH

C. I. = 5'

- "A-3" Penetration
- "A-3" Producer

Geology: Thomas R. Smith Date: February 3, 1988

BEFORE EXAMINER CATAWACH  
OIL CONSERVATION DIVISION

EXHIBIT NO. 2  
CASE NO. 9285

M.B. Bennett  
↑  
(Mobil)  
Corrol  
Draw Unit  
TD 15585  
P/B 13717

Bennett  
Sup-Fed  
TD 3185

Mobil  
Latham-Fed.  
TD 5300

Mobil  
Sec. 22 - Fed  
(Corrol  
Draw Unit)

INITIAL LOCATION  
660' FNL & 1980' FEL

UNORTHODOX LOCATION  
660' FNL & 860' FEL

RECENT WORKOVER  
TO "A-3" SAND  
CURRENTLY DELIVERING  
600 MCF/GPD

Santa Fe Expl.  
New Year-Fed.

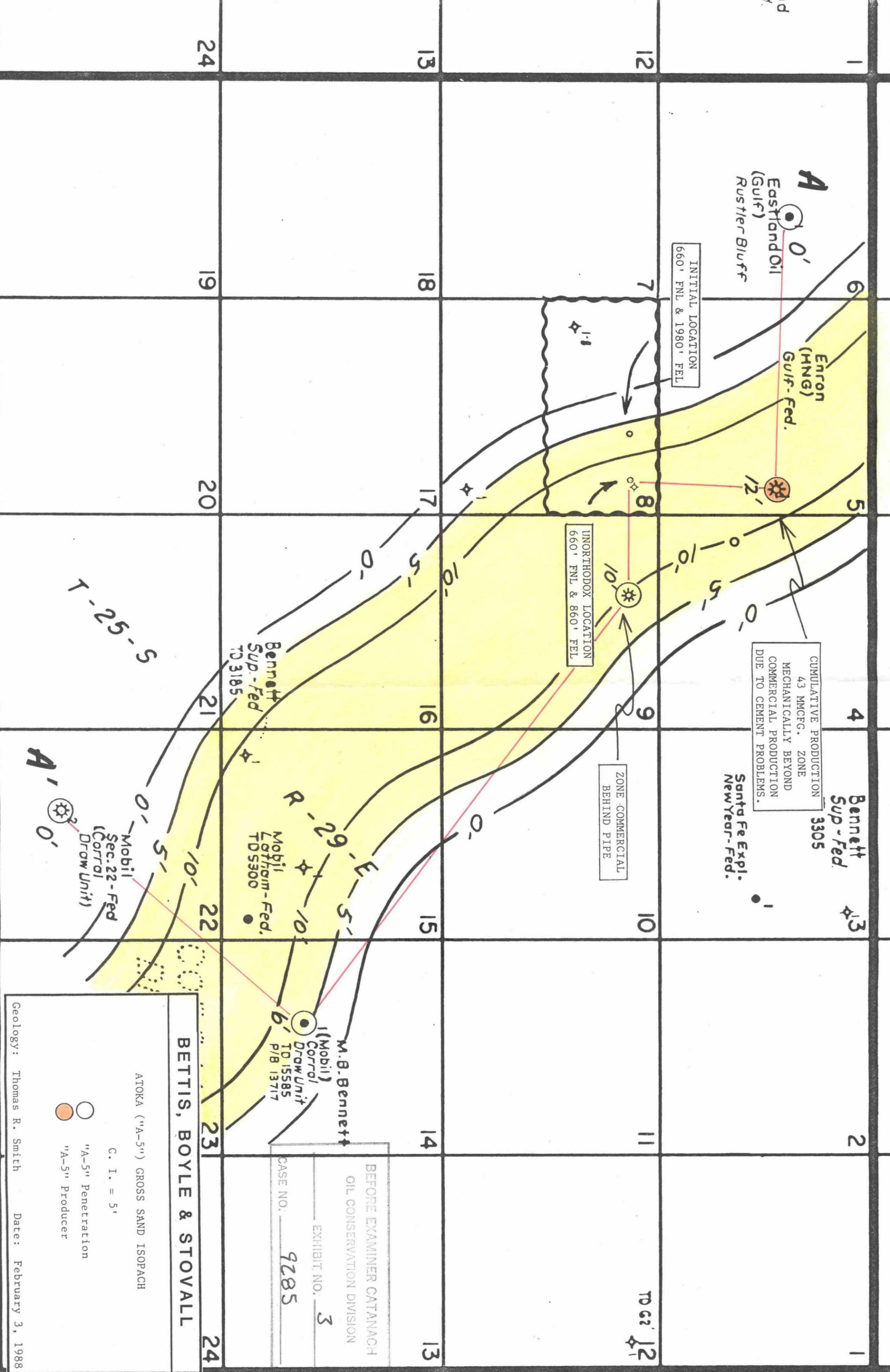
Bennett  
Sup-Fed  
TD 3305

Eastland Oil  
(Gulf)

Rustler Bluff

Enron  
(HNG)  
Gulf-Fed.

TD 62 12



**BETTIS, BOYLE & STOVALL**

ATOKA ("A-5") GROSS SAND ISOPACH

C. I. = 5'

○ "A-5" Penetration

● "A-5" Producer

Geology: Thomas R. Smith      Date: February 3, 1988

BEFORE EXAMINER CATANACH  
OIL CONSERVATION DIVISION

EXHIBIT NO. 3

CASE NO. 9285

CUMULATIVE PRODUCTION  
4.3 MMCFG. ZONE  
MECHANICALLY BEYOND  
COMMERCIAL PRODUCTION  
DUE TO CEMENT PROBLEMS.

ZONE-COMMERCIAL  
BEHIND PIPE

INITIAL LOCATION  
660' FNL & 1980' FEL

UNORTHODOX LOCATION  
660' FNL & 860' FEL

M.B. Bennett  
(Mobil)  
Corral  
Draw Unit  
TD 15585  
P/B 13717

Mobil  
Latham-Fed.  
TD 5300

Bennett  
Sup-Fed  
TD 3185

Bennett  
Sup-Fed  
3305

Santa Fe Expl.  
New Year-Fed.

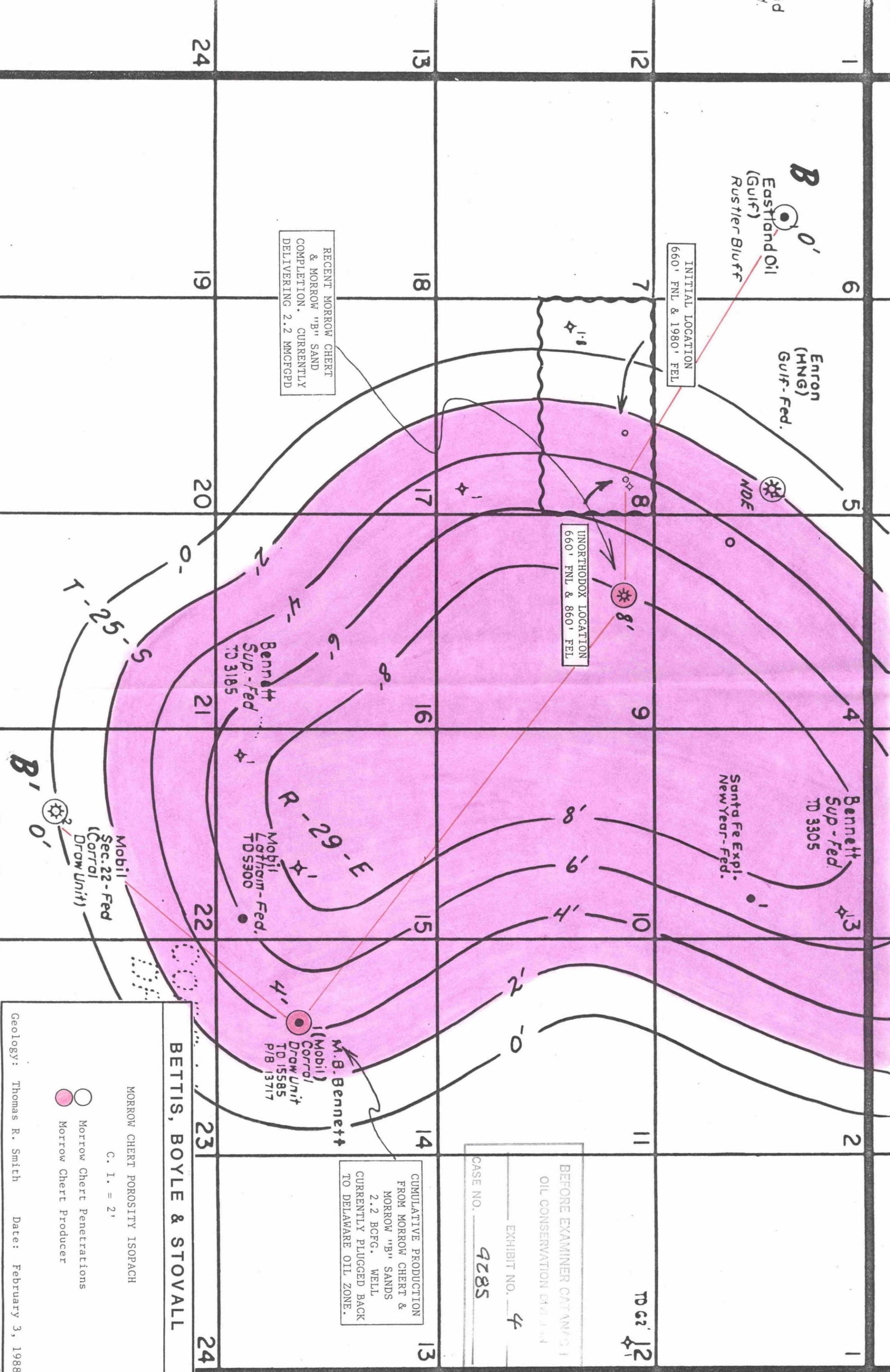
A  
Eastland Oil  
(Gulf)  
Rustler Bluff

Enron  
(HNG)  
Gulf-Fed.

1-25-5

R-29-5

700' 1/2"



RECENT MORROW CHERT & MORROW "B" SAND COMPLETION, CURRENTLY DELIVERING 2.2 MMCF/CPD

INITIAL LOCATION  
660' FNL & 1980' FEL

UNORTHODOX LOCATION  
660' FNL & 860' FEL

CUMULATIVE PRODUCTION FROM MORROW CHERT & MORROW "B" SANDS 2.2 BCFG. WELL CURRENTLY PLUGGED BACK TO DELAWARE OIL ZONE.

MORROW CHERT POROSITY ISOPACH  
C. I. = 2'

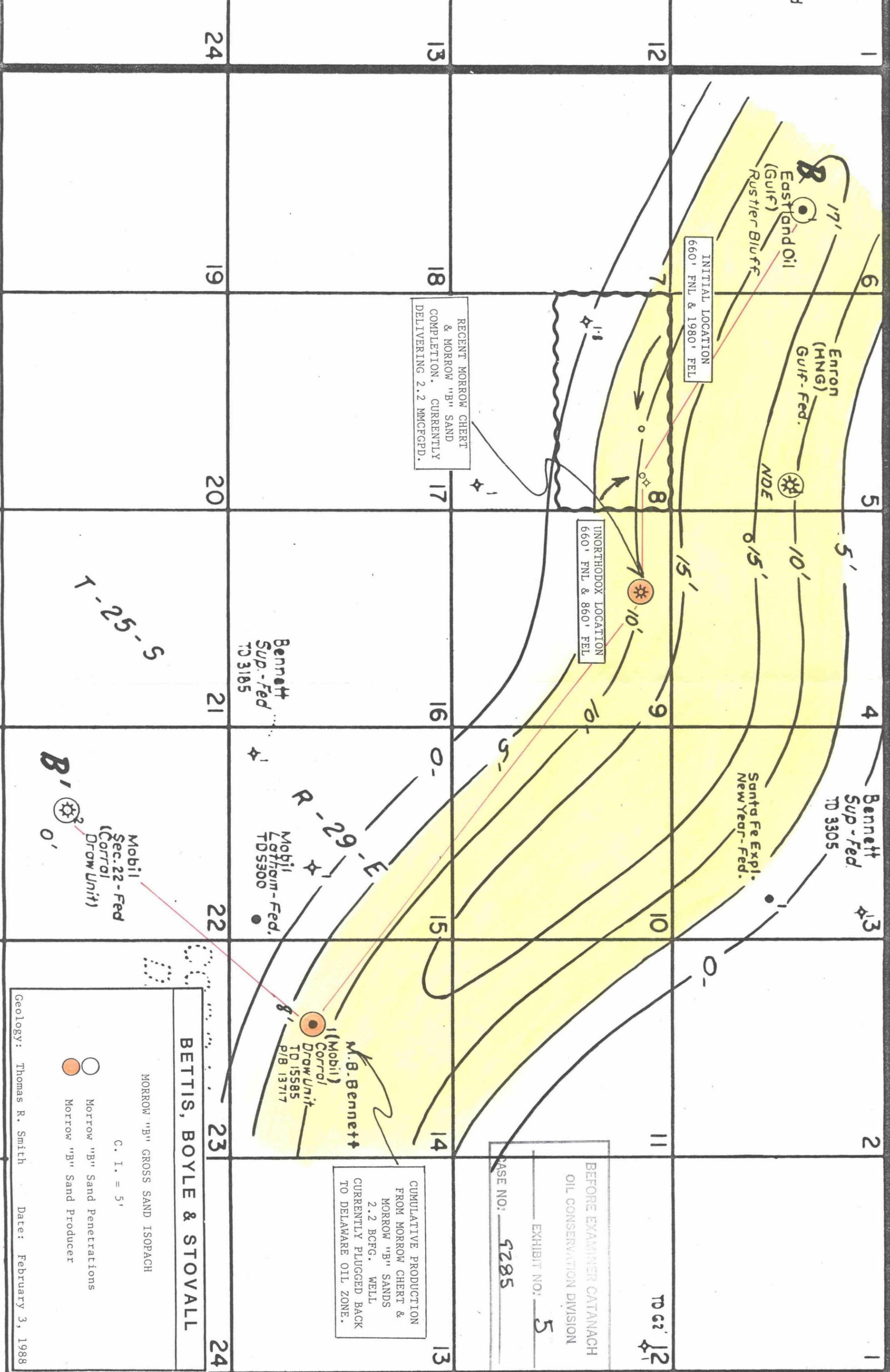
BETTIS, BOYLE & STOVALL

○ Morrow Chert Penetrations  
● Morrow Chert Producer

Geology: Thomas R. Smith Date: February 3, 1988

BEFORE EXAMINER CAT AND I  
OIL CONSERVATION DIVISION  
EXHIBIT NO. 4  
CASE NO. 9285

7062 12



RECENT MORROW CHERT & MORROW "B" SAND COMPLETION. CURRENTLY DELIVERING 2.2 MMCFD.

UNORTHODOX LOCATION 660' FNL & 860' FEL

INITIAL LOCATION 660' FNL & 1980' FEL

CUMULATIVE PRODUCTION FROM MORROW CHERT & MORROW "B" SANDS 2.2 BCFG. WELL CURRENTLY PLUGGED BACK TO DELAWARE OIL ZONE.

BEFORE EXAMINER CATANACH OIL CONSERVATION DIVISION  
 EXHIBIT NO: 5  
 CASE NO: 9285

**BETTIS, BOYLE & STOVALL**

MORROW "B" GROSS SAND ISOPACH

C. I. = 5'

- Morrow "B" Sand Penetrations
- Morrow "B" Sand Producer

Geology: Thomas R. Smith Date: February 3, 1988

T-25-5

Mobil Sec. 22 - Fed (Corral Draw Unit) B' 0'

Bennett Sup-Fed TD 3185

Mobil Lathoin-Fed. TD 5300

M.B. Bennett (Mobil) Corral Draw Unit TD 15585 P/B 13717

Bennett Sup-Fed TD 3305

Santa Fe Expl. New Year-Fed.

TO 62 12

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  
 Bettis, Boyle & Stovall

3. ADDRESS OF OPERATOR  
 P. O. Box 1240, Graham, Texas 76046

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 660' FNL & 860' FEL      Section 8, T-25-S, R-29-E  
 At proposed prod. zone  
 Straight hole

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 8 miles SE from Malaga, New Mexico

5. LEASE DESIGNATION AND SERIAL NO.  
 55929

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Exxon Federal - 8

9. WELL NO.  
 1

10. FIELD AND POOL, OR WILDCAT  
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Section 8  
 T-25-S, R-29-E

12. COUNTY OR PARISH      13. STATE  
 Eddy      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      320

17. NO. OF ACRES ASSIGNED TO THIS WELL      320

18. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.      None

19. PROPOSED DEPTH      14,200

20. ROTARY OR CABLE TOOLS      Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 2934.4      GR

22. APPROX. DATE WORK WILL START\*  
 April 1, 1988

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	94#	625'	1200 sx circulated
16"	13 3/8"	72#	3100'	2350 sx circulated
12 1/4"	10 3/4"	60#	10,100'	400 sx
8 1/2"	7" liner	26#	12,350'	350 sx Tol: 9800'
6 1/2"	5" liner	20#	14,200'	215 sx Tol: 12,000'

BOP: Install at 3200' w/3000# cap and 2450# annular preventor. At 10,500' increase to 10,000# cap w/5000# annular preventor. Will use standard surface controlled BOP installation.

RECEIVED BY \_\_\_\_\_  
 CLERK \_\_\_\_\_  
 \_\_\_\_\_ 6  
 CASE NO. 9285

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 Tom Griffin TITLE Superintendent DATE 12-4-87

(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

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

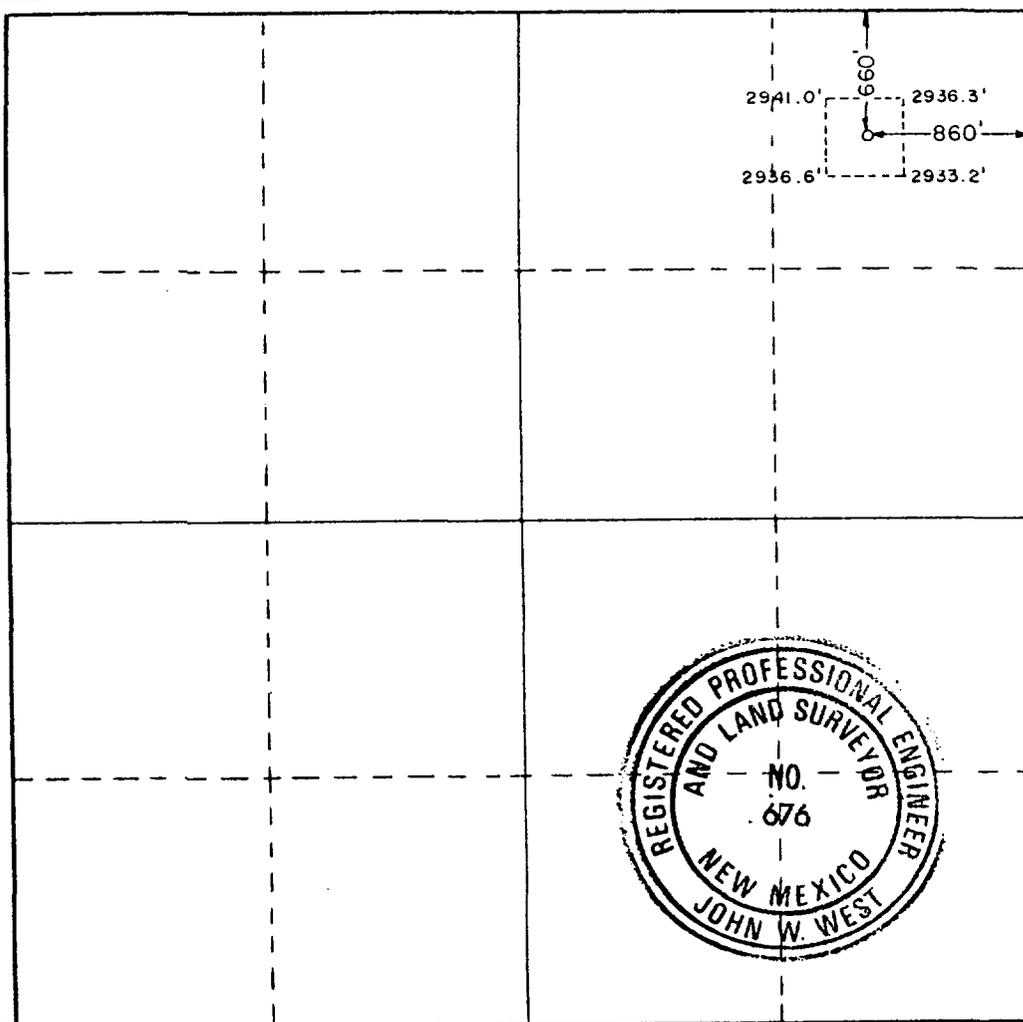
Operator Bettis, Boyle & Stovall			Lease Exxon Federal - 8			Well No. 1		
Unit Letter A	Section 8	Township 25 South	Range 29 East	County Eddy				
Actual Footage Location of Well: 860 feet from the East line and 660 feet from the North line								
Ground Level Elev. 2934.4	Producing Formation			Pool	Well Head A Height			

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 \_\_\_\_\_

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

Position

Company

Date

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.

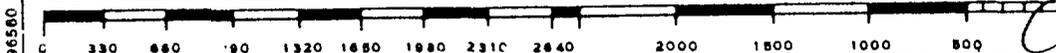
Date Surveyed

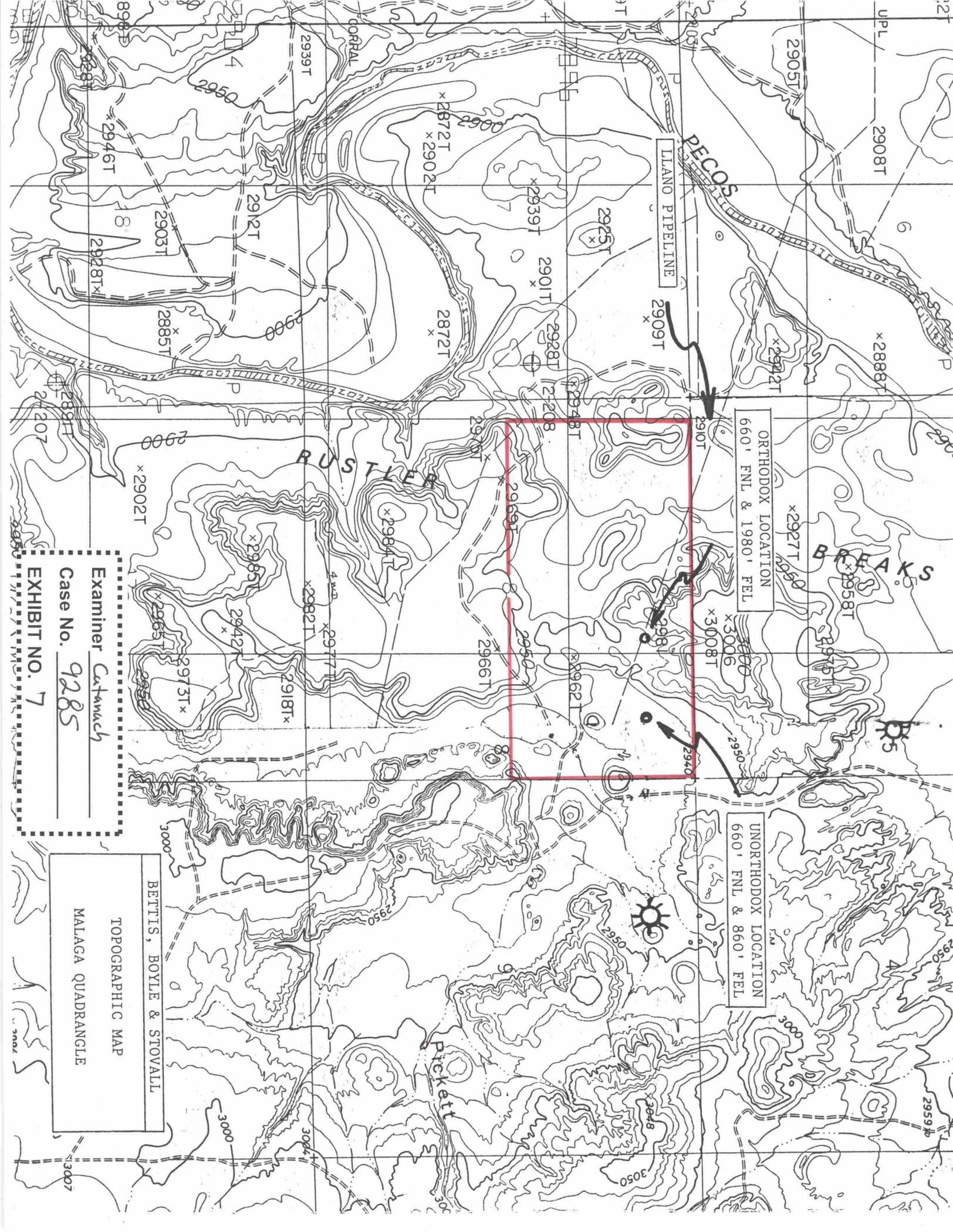
December 2, 1987

Registered Professional Engineer and/or Land Surveyor

*John W. West*

Certificate No. JOHN W. WEST, 676  
RONALD J. EIDSON, 5739





ORTHODOX LOCATION  
660' FNL & 1980' FEL

UNORTHODOX LOCATION  
660' FNL & 860' FEL

LIANO PIPELINE

BETTIS, BOYLE & STOVALL

TOPOGRAPHIC MAP

MALAGA QUADRANGLE

Examiner *Catwanch*

Case No. *9285*

EXHIBIT NO. 7

BEFORE EXAMINER CATANACH  
OIL CONSERVATION DIVISION

EXHIBIT NO. 7

CASE NO. 9285