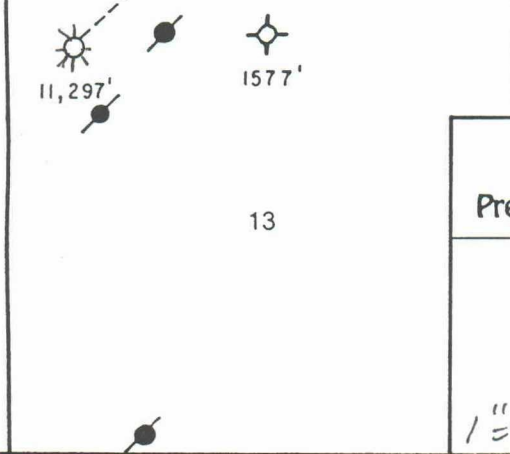
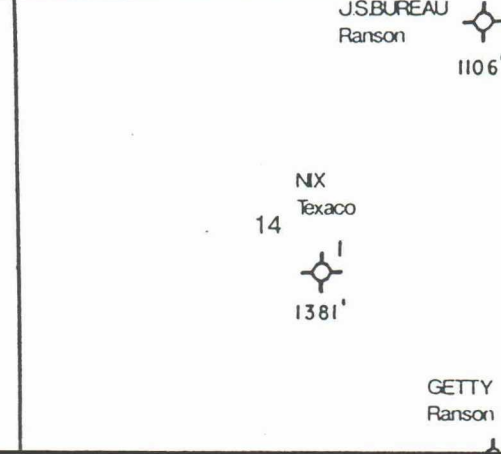
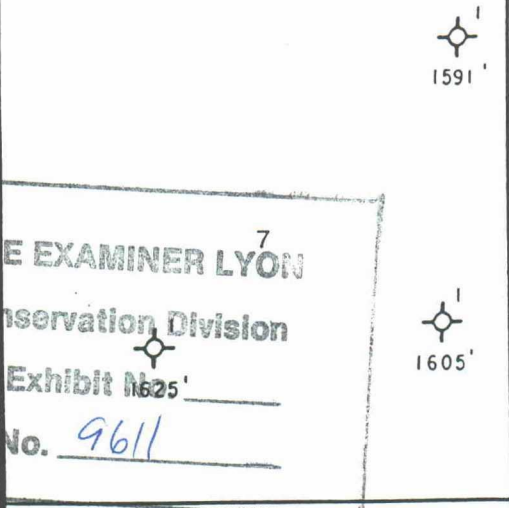
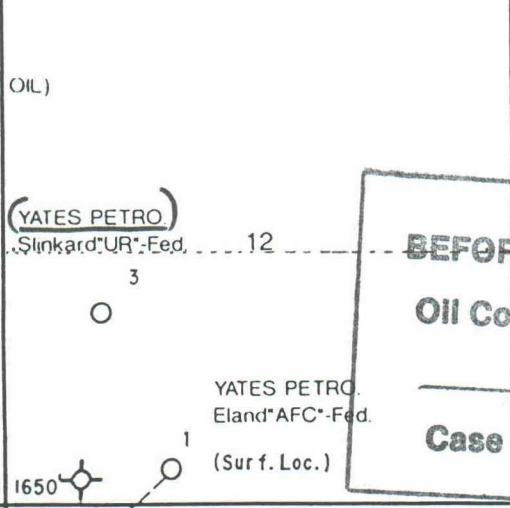
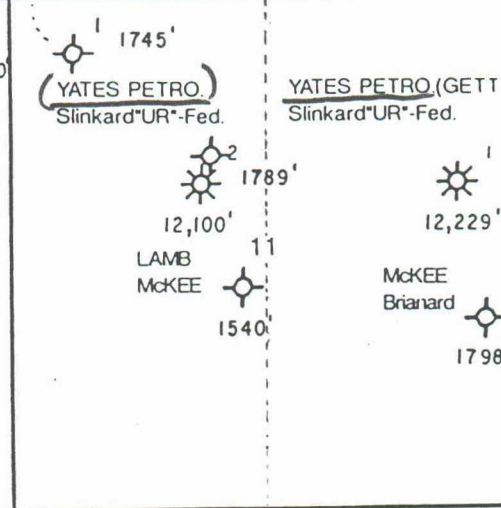
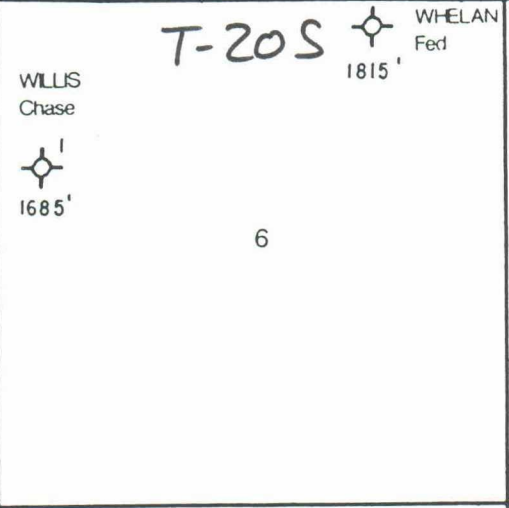
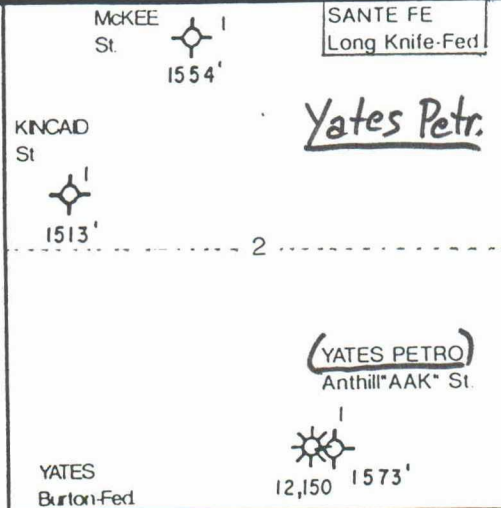
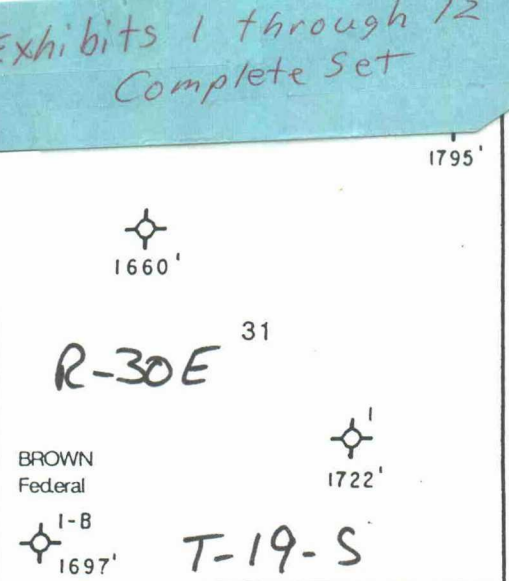
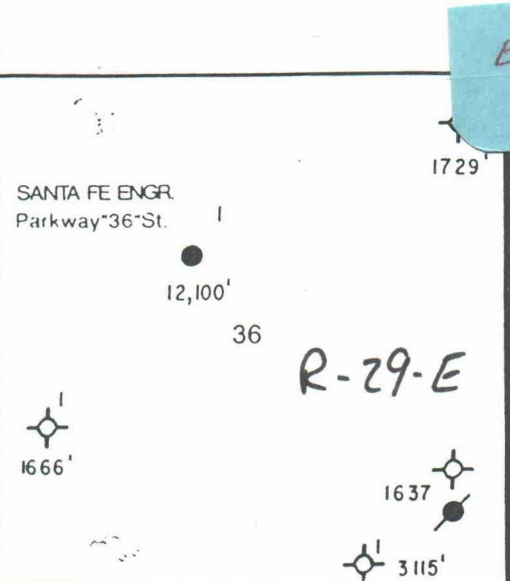
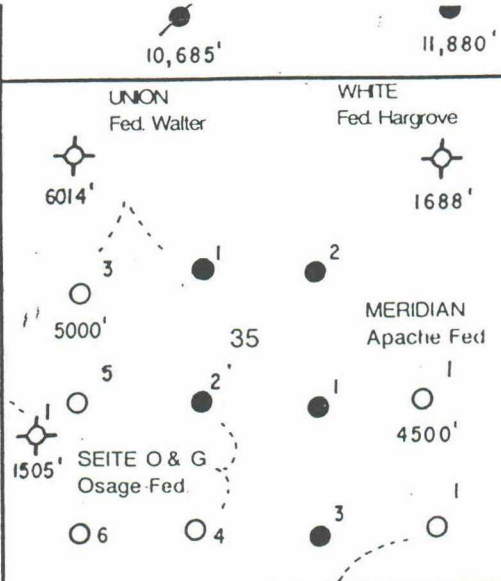


Exhibits 1 through 12
Complete Set



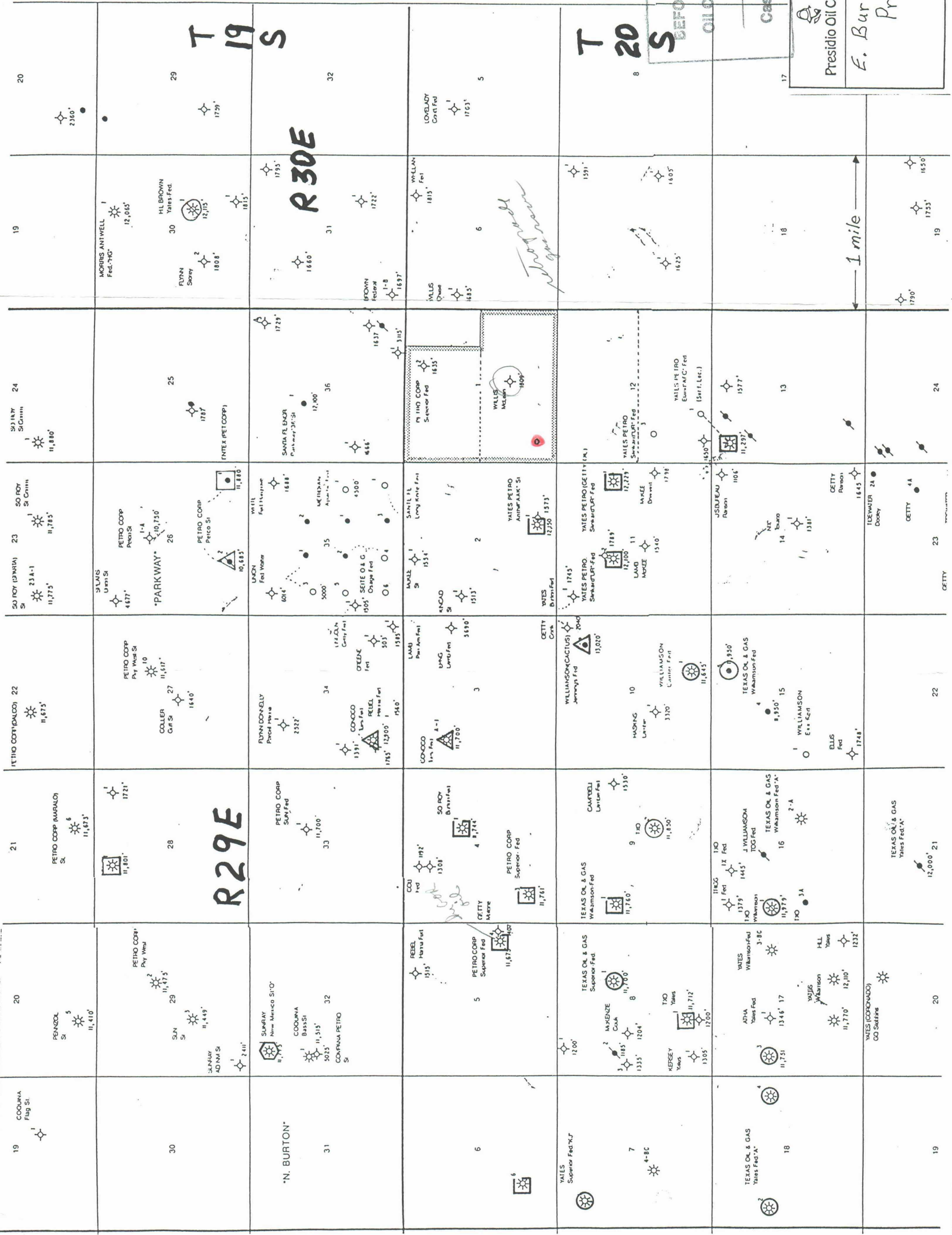
BEFORE EXAMINER LYON
Oil Conservation Division
Exhibit No. 1625
Case No. 9611

Exhibit No. 1
STATE: New Mexico
COUNTY: Eddy
Presidio Oil Company
E. Burton Flat Area
Land Map
1"=2000'
Michael Dusing

△ Wolfcamp
 □ Strawn
 ⬡ Atoka
 ○ Morrow

BEFORE EXAMINATION
 OIL CONSERVATOR.
 Exhibit No. 9611
 Case No. 9611
 Exhibit No. 2

STATE: New Mexico
 COUNTY: Eddy
 Presidio Oil Company
 E. Burton Flat Area
 Production Key
 Michael Durand



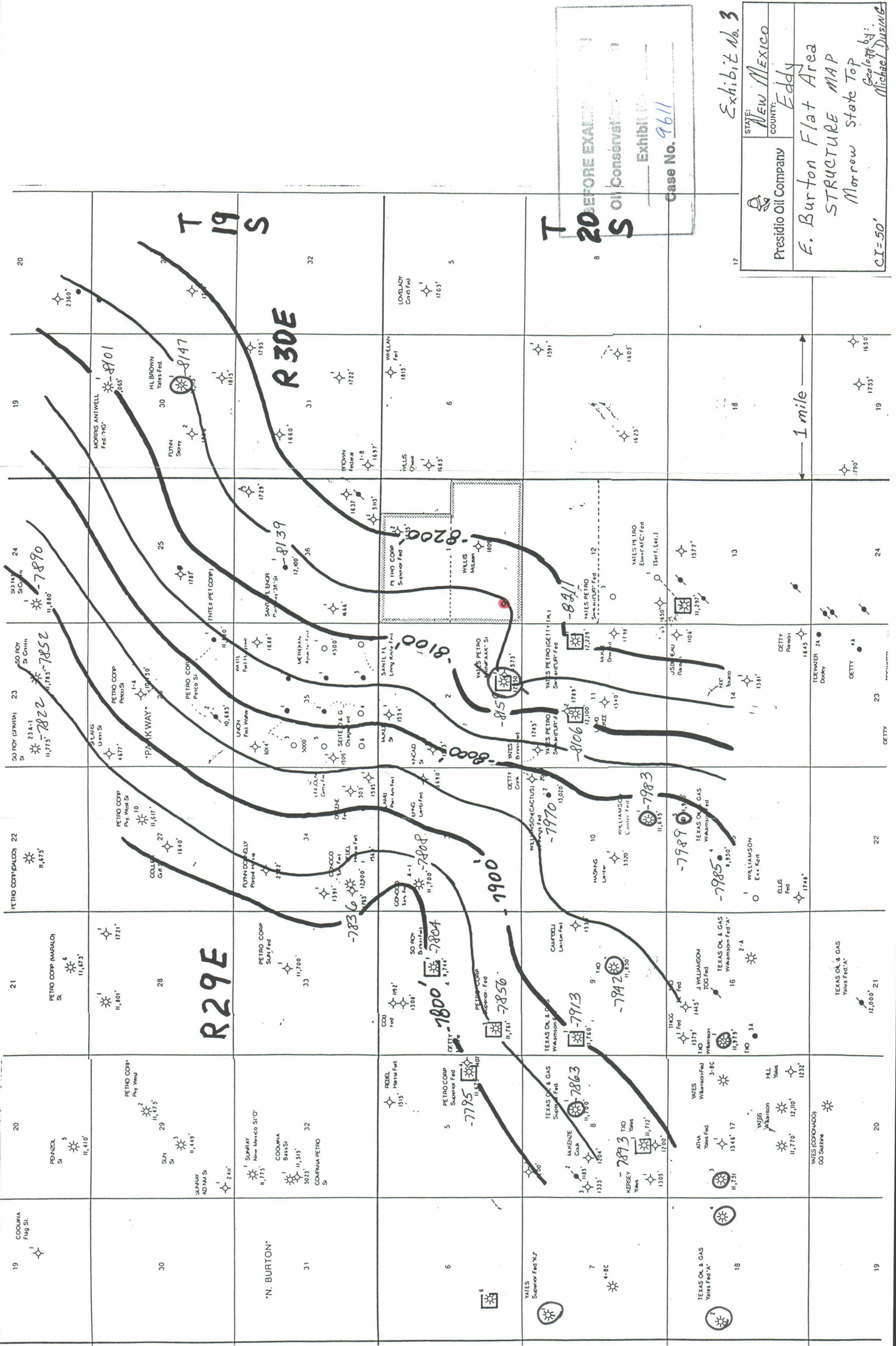


Exhibit No. 3

STATE: NEW MEXICO
 COUNTY: Eddy

Presidio Oil Company

E. Burton Flat Area
 STRUCTURE MAP
 Morrow State Top

Geology by:
 Michael Dusing

CI-50'

BEFORE EXAMINATION BY THE BUREAU OF LAND MANAGEMENT U.S. DEPARTMENT OF THE INTERIOR Exhibit No. 9611 Case No. 9611

1 mile

*Well shown in T 19 S
 will be added to be per
 it had up in 1911, and
 better structural mapping
 under this interpretation
 Gene Joseph*

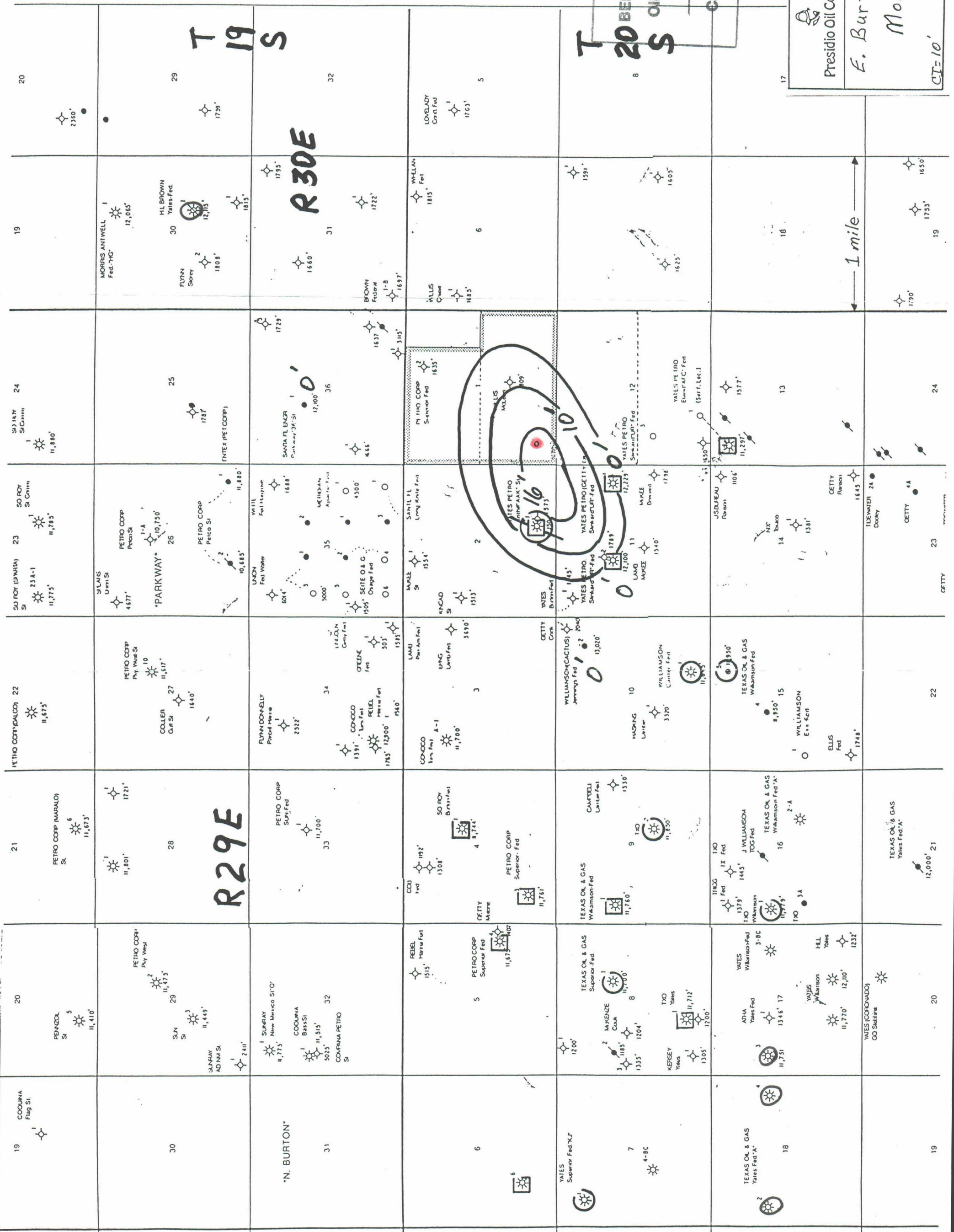
T 20 S
R 30 E

T 20 S
R 30 E

BEFORE EXAMINATION BY LYON
Oil Conservation Division
 Exhibit No. _____
 Case No. 9611

Exhibit No. 4

STATE: NEW MEXICO
 COUNTY: Eddy
 Presidio Oil Company
 E. Burton Flat Area
 Morrow Isopach
 Geology by:
 Michael Dusing
 CI-10'




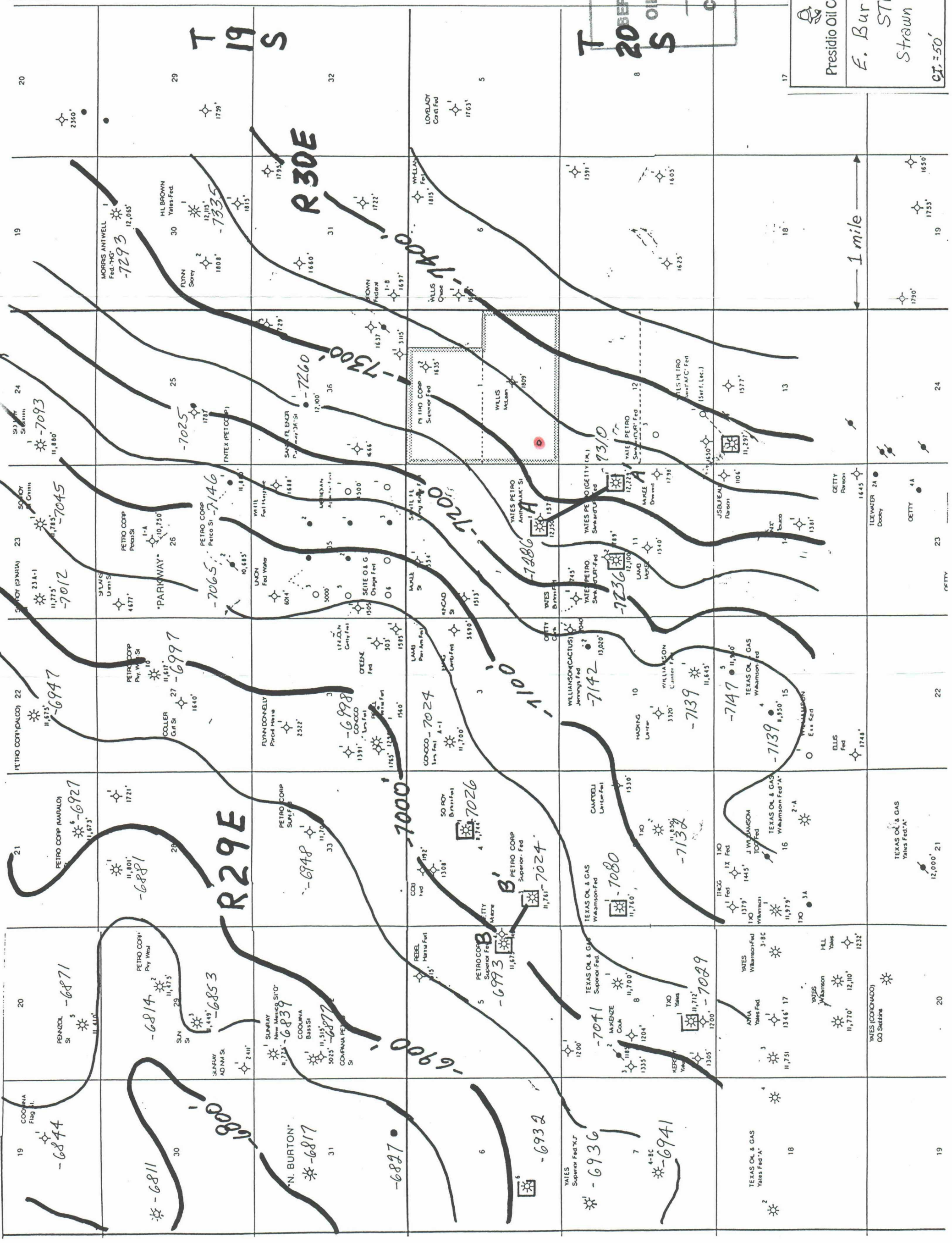
*well in unit L
well in std low for
would be split and
stand up thereby
water and secondary
pure secondary*

*Shawn
Primary separator*

BEFORE EXAMINATION
Oil Conservation Division
Exhibit No. _____
Case No. **9611**

Exhibit No. 5

 Presidio Oil Company	STATE: New Mexico
	COUNTY: Eddy
E. Burton Flat Area STRUCTURE MAP Strawn 'Clean Lime Top'	
Geology by: Michael Dusing	



17

19

24

23

22

21

20

19

Presidio Oil Company

3131 Turtle Creek Blvd • Suite 400 • Dallas, Texas 75219-5415 • (214) 528-5898 • Facsimile (214) 528-2160

SUBSIDIARIES

Peake Operating Company
Presidio Energy, Inc.
Presidio Exploration, Inc.
The Desana Corporation
The Petroleum Corp. of Delaware

March 3, 1989

Mr. Victor T. Lyon
New Mexico OCD
P.O. Box 2088
Santa Fe, New Mexico 87504

Re: Case No. 9611
Docket No. 7-89
March 1, 1989 Hearing

Dear Mr. Lyon:

Reflecting upon my testimony regarding Case 9611, I would like to reiterate and clarify the status of the existing unorthodox locations within Sections 12 and 13, T-20-S, R-29-E, of the E. Burton Flat Area of Eddy County, New Mexico.

Through discussions with Mr. Cy Cowan of Yates Petroleum Corporation, it is my understanding that Yates Petroleum was granted approval to drill two wells in unorthodox locations to the Strawn Formation.

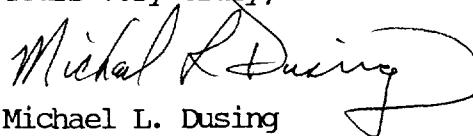
The Yates Petroleum, Eland "AFC" Fed. No. 1 directional well has a permitted bottom hole location of 660' FNL and 660' FWL of Section 13, T-20-S, R-29-E.

The Yates Petroleum, Slinkard "UR" Fed. No. 3 well is currently drilling at a location of 990' FWL and 1980' FSL of Section 12, T-20-S, R-29-E, with the S/2 of Section 12 dedicated to the 320 acre spacing unit.

According to Mr. Cowan, Yates Petroleum was not assessed, or required to accept, a production penalty for either of these two unorthodox locations.

Since The Petroleum Corp. of Delaware's proposed location is basically the same as the Yates well location in Section 13 (660' from the corner of the 320 acre spacing unit) and Yates did not receive a penalty on production, it is my opinion that the OCD should grant the unorthodox location, with no penalty, to The Petroleum Corp. of Delaware.

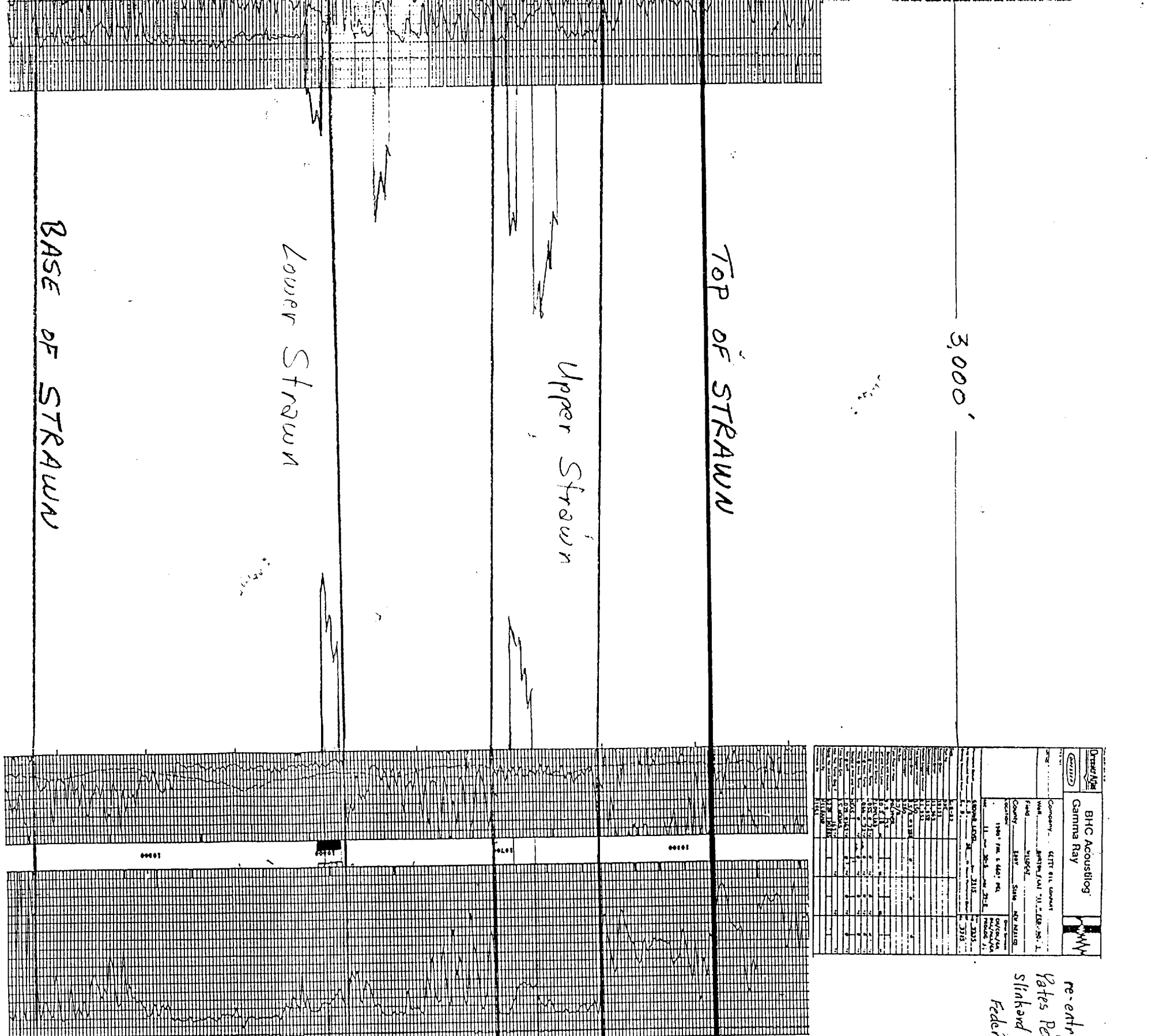
Yours very truly,



Michael L. Dusing
Division Geologist

A

SIMULTANEOUS COMPENSATED NEUTRON- LITHO DENSITY	
COMPANY: VATES PETROLEUM CORPORATION WELL: ANTELOPE A-1 FIELD: EAST MOUNTAIN PLAT COUNTY: EMBURY STATE: NEW MEXICO EST. TEL. 3 2137 TEL. 3 2137	LOG NO. 9611 DATE: 11-20-58 TIME: 11:00 AM SURFACE: 3715 DEPTH: 10000 LOG TYPE: STRAUN SCALE: 1000 CORRECTIONS: 1000 LOG NO. 9611 DATE: 11-20-58 TIME: 11:00 AM SURFACE: 3715 DEPTH: 10000 LOG TYPE: STRAUN SCALE: 1000 CORRECTIONS: 1000



BHC Acoustilog Gamma Ray	COMPANY: BHT OIL COMPANY WELL: ANTELOPE A-1 FIELD: EAST MOUNTAIN PLAT COUNTY: EMBURY STATE: NEW MEXICO EST. TEL. 3 2137 TEL. 3 2137
-----------------------------	---

re-entry
 Bates Petr. Corp.
 Slickard Ave.
 Federal No. 1

A'

BEFORE EXAMINATION BY SURFACE NO. _____ DEPTH NO. _____ CASE NO. 9611	
STATE: NEW MEXICO COUNTY: Eddy	Exhibit No. 6
PRESIDIO OIL COMPANY Diagramatic Cross-Section A-A' STRAWN LIMESTONE Geology by: M.L. Dusing No Horiz. Scale	

B

206
Schlumberger COMPENSATED NEUTRON FORMATION DENSITY

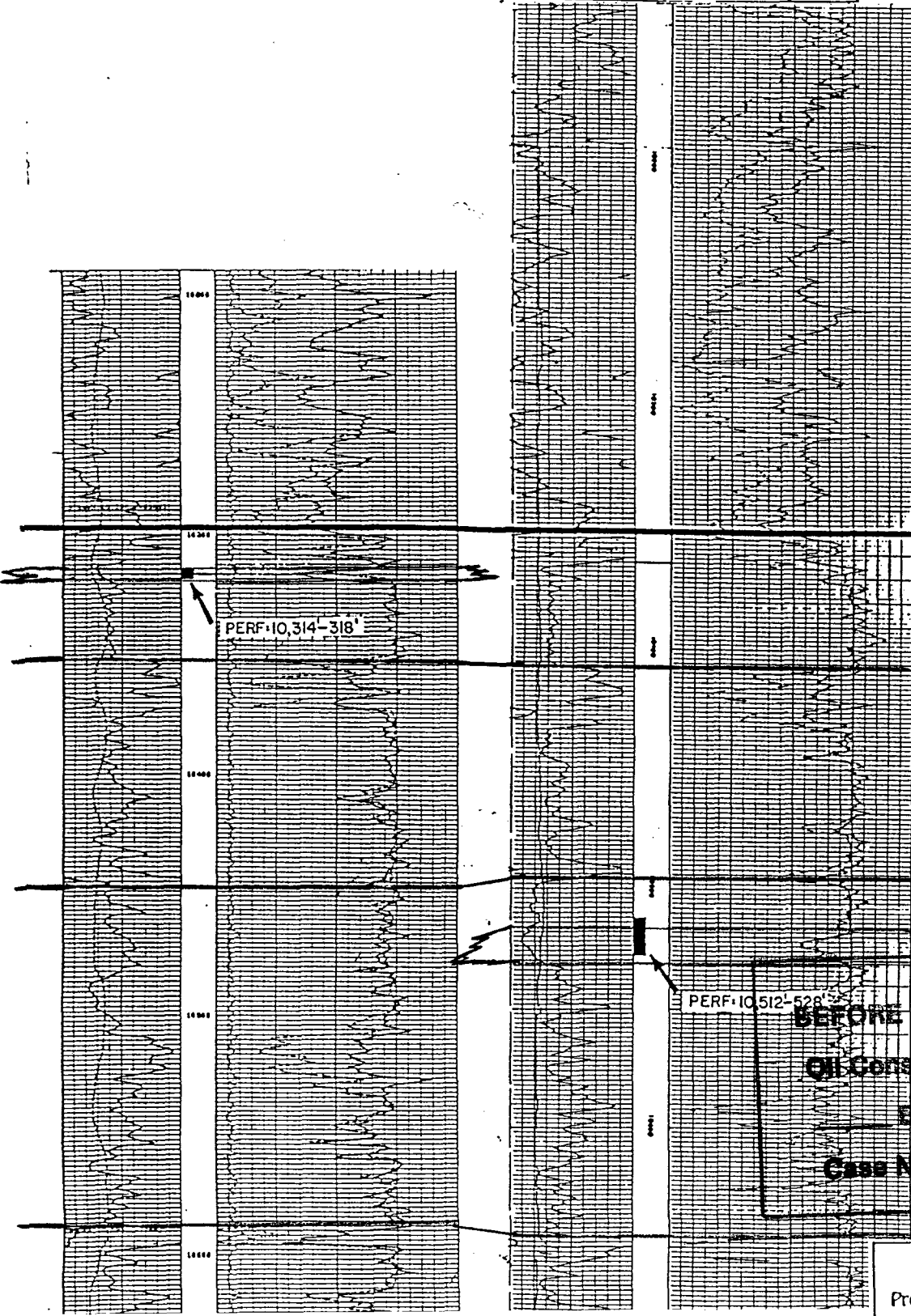
COMPANY: THE PRESIDIO CORPORATION
 WELL: SUPERIOR FEDERAL # 4
 FIELD: WINCHESTER
 COUNTY: EDDY STATE: NEW MEXICO
 LOG NO. 1340 P.M. & 640 F.E.L.
 DATE: 1980
 SCALE: 20-5 20-6
 LOG NO. 1107
 DATE: 1978

1,980'

Schlumberger COMPENSATED NEUTRON FORMATION DENSITY

COMPANY: THE PRESIDIO CORPORATION
 WELL: SUPERIOR FEDERAL # 3
 FIELD: WILCOX
 COUNTY: EDDY STATE: NEW MEXICO
 LOG NO. 1340 P.M. & 640 F.E.L.
 DATE: 1980
 SCALE: 20-5 20-6
 LOG NO. 1107
 DATE: 1978

B'



*These will be
 3-4 inches away;
 what does this have
 to do with the...*

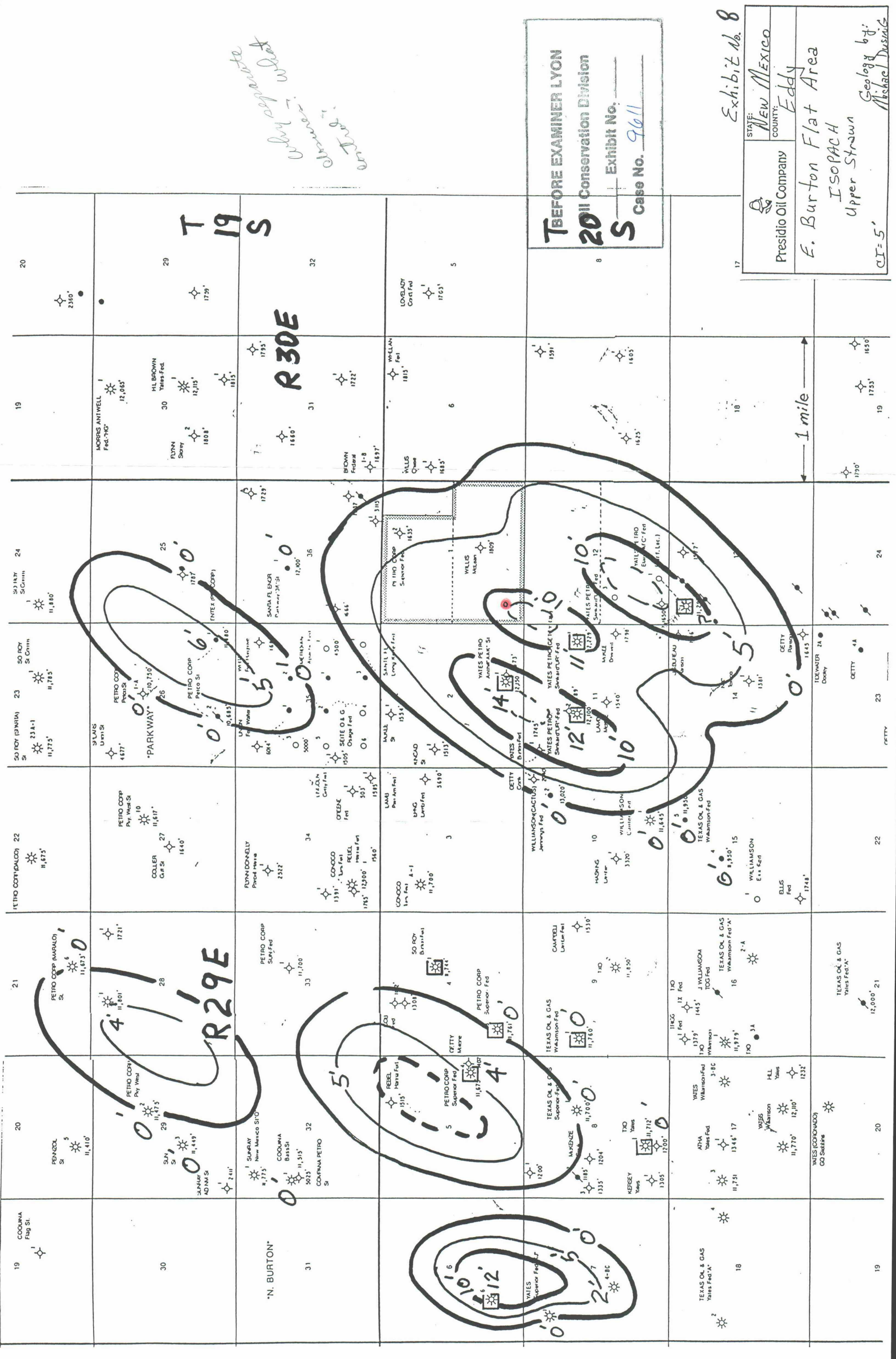
TOP OF STRAWN
 Upper Strawn

Lower Strawn

BEFORE EXAMINER LYON
 Oil Conservation Division
 Exhibit No. _____
 Case No. 9611
 Exhibit No. 7

STATE: NEW MEXICO
 COUNTY: Eddy
 Presidio Oil Company
 Diagrammatic Cross-Section B-B'
 STRAWN Lime
 Geology by: M. L. Dusing
 No. Horiz. Scale

*Planned separate
ownership - in fact
contingent*



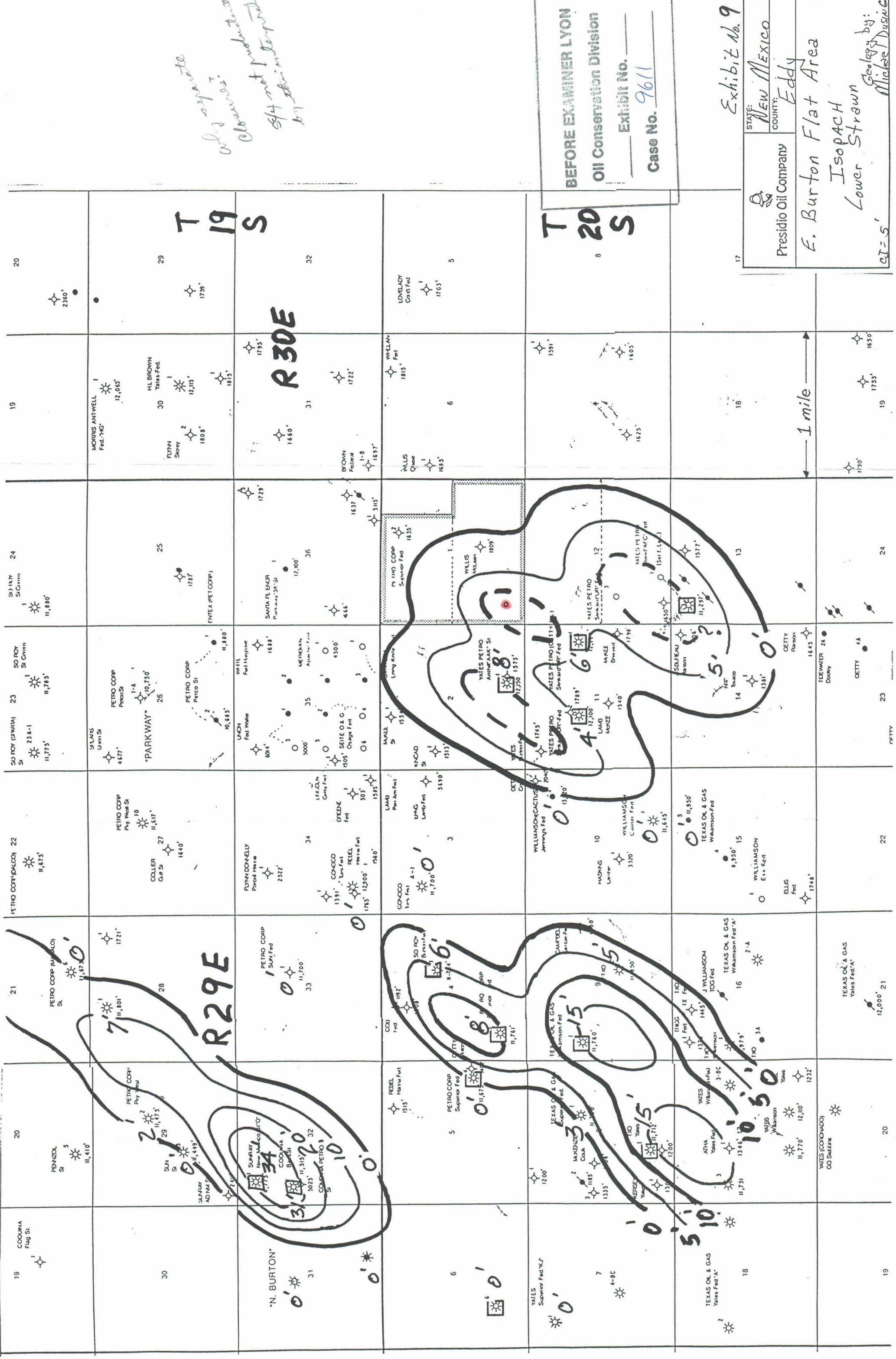
BEFORE EXAMINER LYON
2011 Conservation Division
Exhibit No. _____
Case No. 9611

Exhibit No. 8

STATE: <u>NEW MEXICO</u>	Presidio Oil Company
COUNTY: <u>Eddy</u>	E. Burton Flat Area
	ISOPACH
	Upper Strawn
	CI-5'

Geology by:
Michael Duvall

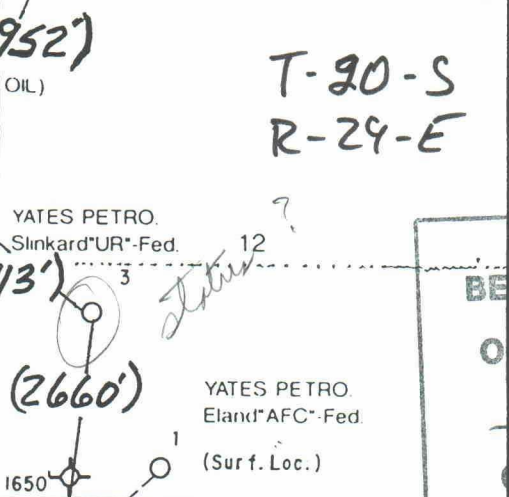
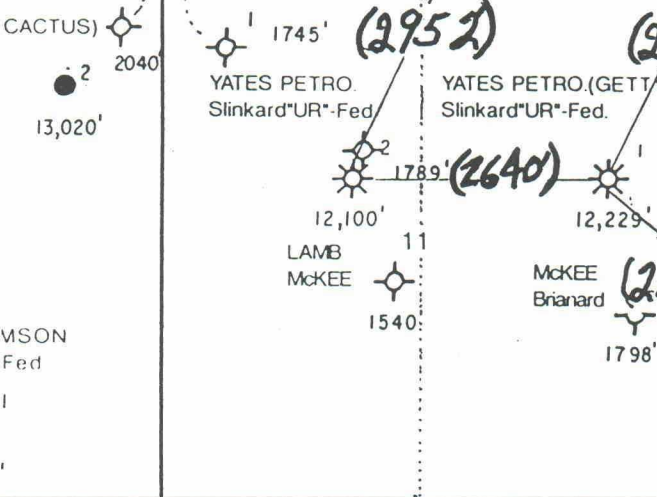
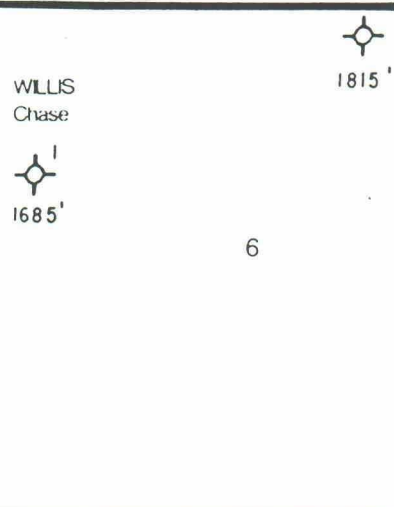
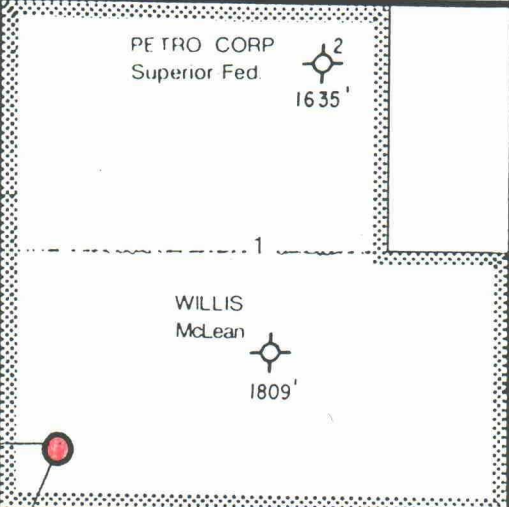
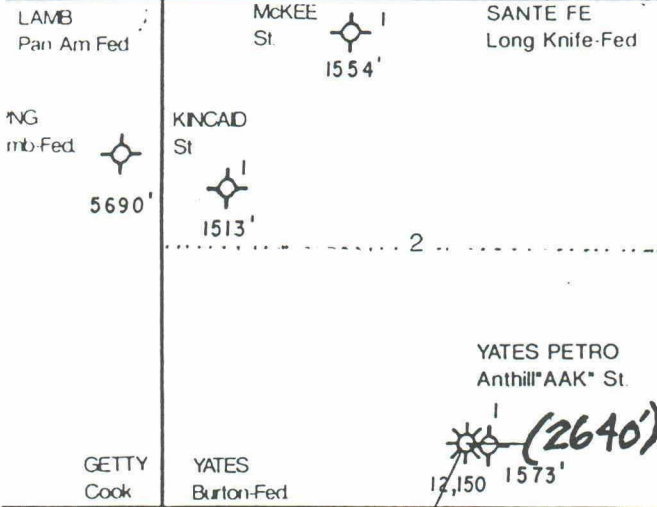
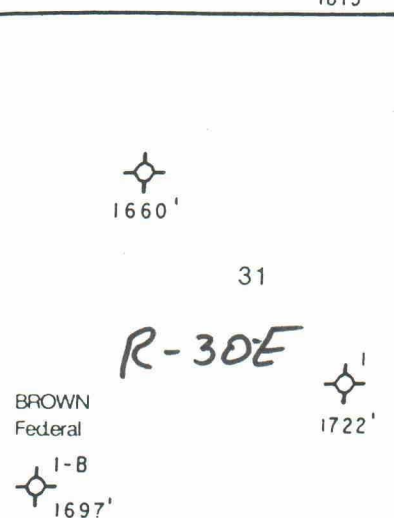
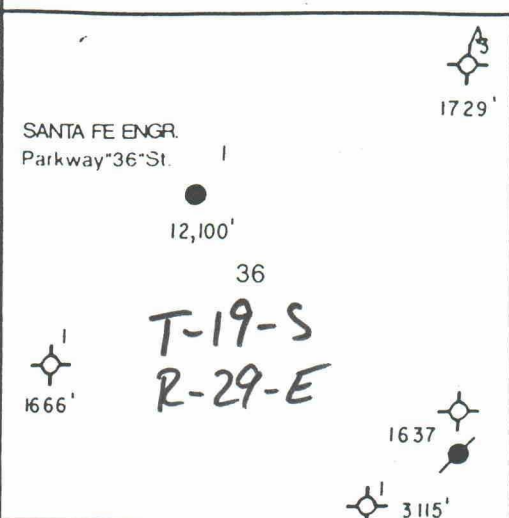
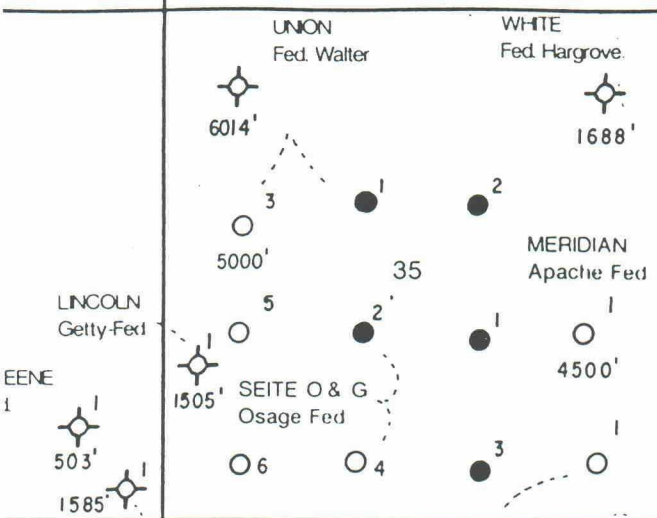
*only separate
classifies?
Sgt not production
by thin in production*



BEFORE EXAMINER LYON
Oil Conservation Division
Exhibit No. _____
Case No. 9611

Exhibit No. 9

STATE: <u>NEW MEXICO</u>
COUNTY: <u>Eddy</u>
Presidio Oil Company
E. Burton Flat Area
Isopach
Lower Strawn
Geology by: <u>Michael Dusing</u>
at = 5'



7

BEFORE EXAMINER LYON

Oil Conservation Division

Exhibit No. _____

Case No. 9611

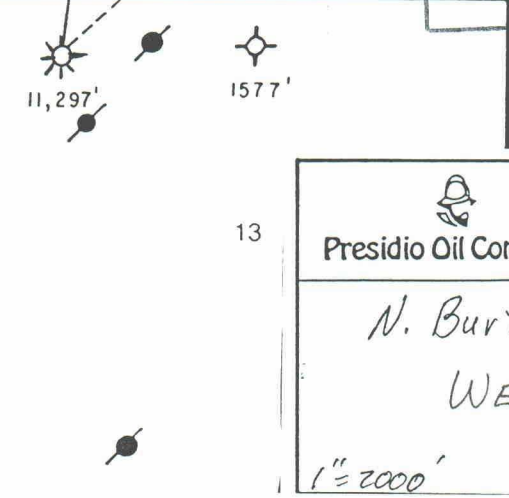
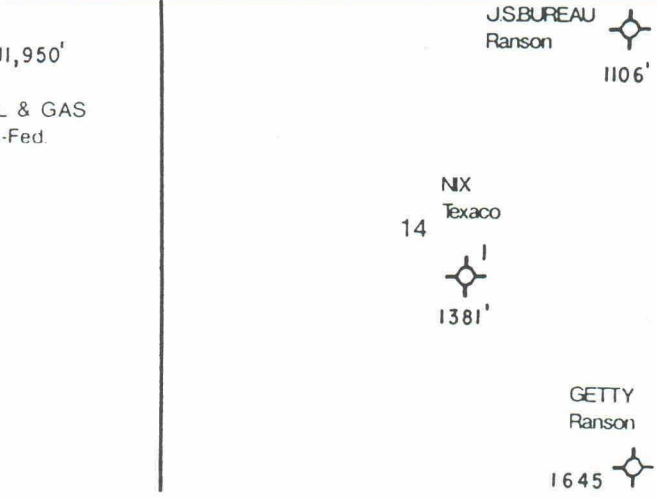


Exhibit No. 10

 Presidio Oil Company	STATE:	<u>NEW MEXICO</u>
	COUNTY:	<u>Eddy</u>
<u>N. Burton Flat Area</u> <u>WELL DENSITY</u>		
1" = 2000'		Michael Dusing

Presidio Oil Company

3131 Turtle Creek Blvd. • Suite 400 • Dallas, Texas 75219-5415 • (214) 528-5898 • Facsimile (214) 528-2160

SUBSIDIARIES

Peake Operating Company
Presidio Energy, Inc.
Presidio Exploration, Inc.
The Desana Corporation
The Petroleum Corp. of Delaware

February 8, 1989

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Yates Petroleum Corporation
207 South Fourth Street
Artesia, New Mexico 88210

Gentlemen:

The Petroleum Corporation of Delaware, a subsidiary of Presidio Oil Company, has applied for an unorthodox gas well location in the S/2 of Section 1, Township 20 South, Range 29 East, N.M.P.M., Eddy County, New Mexico, as described in the attached Application. This matter will be heard before the New Mexico Oil Conservation Division in Santa Fe, New Mexico, on Wednesday, March 1, 1989. If you do not appear at that time and become a party of record you will be precluded from challenging the matter at a later time.

Very truly yours,

THE PETROLEUM CORPORATION OF
DELAWARE

Richard H. Roda

Richard H. Roda
Vice President and
General Manager
Mid-Continent Division

HS/jmm

BEFORE SHARON DA LYON
Oil Conservation Division
February 11
Case No. 9611

P 290 766 216

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

★ U.S.G.P.O. 1985-480-794

PS Form 3800, June 1985

Sent to Yates Petroleum Corporation	
Street and No. 207 South Fourth Street	
P.O., State and ZIP Code Artesia, New Mexico 88210	
Postage	\$.25
Certified Fee	.85
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom delivered	
Return Receipt showing to whom Delivered and Address	.90
Postage and	\$ 2.00



● **SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4. Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. Show to whom delivered, date, and addressee's address. 2. Restricted Delivery.

3. Article Addressed to: Yates Petroleum Corporation 207 South Fourth Street Artesia, New Mexico	4. Article Number P 290 766 216
5. Signature — Addressee X	Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail
6. Signature — Agent X	Always obtain signature of addressee or agent and DATE DELIVERED
7. Date of Delivery 2/10/89	8. Addressee's Address (ONLY if registered and fee paid)

PS Form 3811, Feb. 1986

DOMESTIC RETURN RECEIPT

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

APPLICATION OF THE PETROLEUM
CORPORATION OF DELAWARE FOR
AN UNORTHODOX GAS WELL LOCATION,
EDDY COUNTY, NEW MEXICO.

Case No. _____

APPLICATION

The Petroleum Corporation of Delaware hereby applies for an Order approving an unorthodox gas well location, and in support thereof states:

1. Applicant is a working interest owner in the S $\frac{1}{2}$ of Section 1, Township 20 South, Range 29 East, N.M.P.M., Eddy County, New Mexico.

2. Applicant proposes to drill its Superior Fed. 14-1 Well at a location 660 feet from the West line and 660 feet from the South line of Section 1, to a depth sufficient to test the Morrow formation (approximately 12,100 feet).

3. The S $\frac{1}{2}$ of Section 1 shall be dedicated to the well.

4. The granting of this application is in the interests of conservation, the prevention of waste, and the protection of correlative rights.


5. Applicant requests that this matter be heard at the March 1, 1989 Examiner hearing.

WHEREFORE, Applicant requests that, after hearing, the Division enter its Order approving the above-described unorthodox gas well location.

Dated: February 3, 1989.

Respectfully submitted,

HINKLE, COX, EATON, COFFIELD &
HENSLEY

BY 
James Bruce
500 Marquette, N.W.
Suite 740
Albuquerque, New Mexico 87102
(505) 768-1500

Attorneys for Applicant

Presidio Oil Company

3131 Turtle Creek Blvd. • Suite 400 • Dallas, Texas 75219-5415 • (214) 528-5898 • Facsimile (214) 528-2160

SUBSIDIARIES

Peake Operating Company
Presidio Energy, Inc.
Presidio Exploration, Inc.
The Deana Corporation
The Petroleum Corp. of Delaware

February 21, 1989

Yates Petroleum Corporation
Yates Bldg, 105 South 4th
Artesia, New Mexico 88210
Attn: Mr. Cy Cowan

RECEIVED
DATE
FILE NO. 12
CASE NO. 9611

Re: Superior Federal #14-1 Well
CSW5W Sec. 1-T20S-R29E
Unorthodox Gas Well Location
320 Acre Unit-S/2 Section 1
East Burton Flat Field
Eddy County, New Mexico

Gentlemen:

The Petroleum Corporation of Delaware "TPC" (a wholly owned subsidiary of Presidio Oil Company) has filed a drilling permit for the above referenced well location and a hearing has been set for March 1, 1988 for location approval.

"TPC" is agreeable to Yates Petroleum's proposal to waive any protest to an unorthodox Strawn/Atoka/Morrow location in the N/2 of section 12-T20-R29E in exchange for Yates' waiver of the above referenced offsetting location, so long as neither party locates a well nearer than 660 feet to any lease line.

~~In addition, should any allowable penalty be assessed to "TPC" a well in the S/2 of section 1, an equal penalty will be accepted by Yates in the N/2 of section 12-20S-29E, if an unorthodox location is requested.~~ *scf*

If you concur with the above proposal, please sign and date in the space provided below and return one (1) copy for our files.

Yours very truly,

Tom L. Sprinkle
Tom L. Sprinkle
Division Production Manager

TLS/rm

Presidio Oil Company

Page 2 - Superior - Federal #14-1 Letter 2/21/89

The above mutual agreement not to protest an unorthodox location in the offsetting spacing units above is hereby agreed to by the undersigned parties:

Yates Petroleum Corporation

Signed: *[Signature]*

Date: 2/24/89

The Petroleum Corporation

Signed: *[Signature]*

Date: 2/21/89