

CASE #920: YATES PETROLEUM CORPORATION
FOR A DUAL COMPLETION AND UNORTHODOX
WELL LOCATION, CHAVES COUNTY, NEW MEXICO

Case No.

6920

Application

Transcripts

Small Exhibits

ETC

Other

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 6920
Order No. R-6384

APPLICATION OF YATES PETROLEUM
CORPORATION FOR A DUAL COMPLETION
AND UNORTHODOX WELL LOCATION,
CHAVES COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on June 4, 1980,
at Santa Fe, New Mexico, before Examiner Daniel S. Mutter.

NOW, on this 18th day of June, 1980, the Division
Director, having considered the testimony, the record, and the
recommendations of the Examiner, and being fully advised in the
premises,

FINDS:

- (1) That due public notice having been given as required
by law, the Division has jurisdiction of this cause and the
subject matter thereof.
- (2) That the applicant, Yates Petroleum Corporation, seeks
authority to complete its 5 Mile Draw Federal "LX" Well No. 1,
located in Unit O of Section 34, Township 6 South, Range 25 East,
NMM, Chaves County, New Mexico, as a dual completion
(conventional) to produce gas from the Abo formation through
the casing-tubing annulus and gas from the Pennsylvanian forma-
tion through 2 7/8-inch tubing, with separation of the zones to
be achieved by means of a packer set at approximately 4600 feet.
- (3) That the applicant also seeks approval for the unortho-
dox location of said well in the Abo formation 800 feet from the
South line and 2100 feet from the East line of said Section 34.
- (4) That the mechanics of the proposed dual completion
are feasible and in accord with good conservation practices.

-2-

Case No. 6920
Order No. R-6384

(5) That approval of the subject application will prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, Yates Petroleum Corporation, is hereby authorized to complete its 5 Mile Draw Federal "LX" Well No. 1, located in Unit O of Section 34, Township 6 South, Range 25 East, NMPM, Chaves County, New Mexico, as a dual completion (conventional) to produce gas from the Abo formation through the casing-tubing annulus and gas from the Pennsylvanian formation through 2 7/8-inch tubing set in a packer located at approximately 4600 feet.

PROVIDED HOWEVER, that the applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A of the Division Rules and Regulations insofar as said rule is not inconsistent with this order;

PROVIDED FURTHER, that the applicant shall take packer leakage tests upon completion and annually thereafter during the Annual Gas Well Shut-In Pressure Test Period for Southeast New Mexico.

(2) That approval is hereby given for the unorthodox location of said well in the Abo formation 800 feet from the South line and 2100 feet from the East line of said Section 34, the SE/4 of the section to be dedicated to the well in the Abo.

(3) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


JOE D. RAMEY
Director

SEAL
td/

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
STATE LAND OFFICE BLDG.
SANTA FE, NEW MEXICO
4 June 1980

EXAMINER HEARING

IN THE MATTER OF:

Application of Yates Petroleum Cor-) CASE
poration for a dual completion and) 6920
unorthodox well location, Chaves)
County, New Mexico.)

BEFORE: Daniel S. Nutter

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the Oil Conservation
Division:

Ernest L. Padilla, Esq.
Legal Counsel to the Division
State Land Office Bldg.
Santa Fe, New Mexico 87501

For the Applicant:

Chad Dickerson, Esq.
Losee, Carson, and Dickerson
Artesia, New Mexico

SALLY W. BOYD, C.S.R.

Rt. 1 Box 193-B
Santa Fe, New Mexico 87501
Phone (505) 455-7409

I N D E X

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

EDDIGE MAHFOOD

Direct Examination by Mr. Dickerson 3

Cross Examination by Mr. Nutter 7

E X H I B I T S

Applicant Exhibit One, Plat 3

Applicant Exhibit Two, Diagrammatic Sketch 5

Applicant Exhibit Three, Log 6

Applicant Exhibit Four, Log 6

SALLY W. BOYD, C.R.R.

Rt. 1 Box 193-B
Santa Fe, New Mexico 87501
Phone (505) 435-7409

SALLY W. BOYD, C.S.R.

Rt. 1 Box 193-B
Santa Fe, New Mexico 87501
Phone (505) 455-7419

Page 3

1 MR. NUTTER: Call next Case Number 6920.

2 MR. PADILLA: Application of Yates Petro-
3 leum Corporation for a dual completion and unorthodox well
4 location, Chaves County, New Mexico.

5 MR. DICKERSON: Chad Dickerson, Artesia,
6 for the applicant, and Mr. Mahfood is still under oath and
7 testifying.

8
9 EDDIE MAHFOOD
10 being called as a witness and having been previously sworn
11 upon his oath, testified as follows, to-wit:

12
13 DIRECT EXAMINATION

14 BY MR. DICKERSON:

15 Q Mr. Mahfood, would you briefly describe
16 the purposes which Yates seeks by this application in Case
17 Number 6920?

18 A We seek to dually complete the subject
19 well in the Penn and in the Abo.

20 Q Refer to what is marked Exhibit Number
21 One and describe what it shows.

22 A Exhibit Number One is a lease ownership
23 map showing the location of the subject well and the spacing
24 unit dedicated to the Cisco and to the Abo. In yellow is
25 the dedication to the Abo.

SALLY W. BOYD, C.S.R.

Rt. 1 Box 191-B

Santa Fe, New Mexico 87501

Phone (505) 455-7409

Page 4

1 Q And your well is presently completed in
2 what formation?

3 A The well is completed in the Penn.

4 Q Is the well hooked up?

5 A No, there is no pipeline connection at
6 this time.

7 Q Mr. Mahfood, are there any other wells
8 in the vicinity of the subject well that you wish to point
9 out to the Examiner on Exhibit Number One?

10 A We have other wells in the area. For in-
11 stance, in Section 36 is the McKennon "MB" No. 1 in Unit B
12 of Section 36. There is a well in Section 3 to the south,
13 and in Section 9. There's a proposed location in Section 4.
14 There is other wells in the area.

15 Q Would you give the footage location of
16 this well, or at least describe to the Examiner, is it not
17 among also your purposes here to request approval of an un-
18 orthodox location for the Abo in the event the present loca-
19 tion of the well is actually actually unorthodox under the
20 rules?

21 A That is correct. The well is located
22 800 feet from the south and 2100 feet from the east. Tech-
23 nically it's a non-standard location because of its proximity
24 to the west boundary, being less than 660 feet; however, it
25 is a contiguous ownership, and therefor I'm not sure that

1 you can call it a boundary.

2 Q Well, the ownership of the southeast
3 quarter, though, and the southwest quarter is not the same,
4 is it?

5 A No.

6 Q Mr. Mahfood, refer to Exhibit Number Two
7 and describe what it shows.

8 A Exhibit Number Two is a diagrammatic
9 sketch of the proposed dual completion. At the present time
10 the well is completed with the tubing and packer at 4600 feet;
11 producible perforations are 4858 to 4865. There's a re-
12 trieveable bridge plug at 4897, which could be removed to
13 allow the 4908 - 4916 to be produced also.

14 We have a fairly good completion there
15 at 4858 to 65 and rather than jeopardize losing that at this
16 time we do not plan to remove the retrievable bridge plug at
17 this time.

18 However, when the dual completion is per-
19 mitted we'll have to kill the well and then at that time we
20 can remove the retrievable bridge plug.

21 The Abo will be perforated in the interval
22 of 3564 to 3840, selectively. The Abo curves in this area
23 are all within eight pounds of one another, so they're appro-
24 ximately 1100 bottom hole pressure.

25 The Penn, on the other hand, has a bottom

SALLY W. BOYD, C.S.R.

Rt. 1 Box 193-B
Santa Fe, New Mexico 87501
Phone (505) 455-7409

1 hole pressure of 1846 pounds and there is not very good cor-
 2 relation; therefor, we suspect it might be a not very extensive
 3 reservoir and to make it attractive to get a pipeline in this
 4 area we feel like we need to dual complete the well in the
 5 Abo, which we know is extensive.

6 Q And in your opinion will the dual comple-
 7 tion of this well result in the recovery of gas which would
 8 not otherwise be recovered?

9 A Yes, I think it would.

10 Q Now, Mr. Mahfood, assuming the Division
 11 grants this application, Yates would then comply with the
 12 provisions of Rule 112 to test the casing for leaks and so
 13 forth?

14 A Yes, we will conduct the statutory tests.

15 Q Refer to Exhibit Number Three and describe
 16 what it shows, please.

17 A Exhibit Number Three is a compensated
 18 neutron log and formation density log. In orange on the right
 19 is indicated porosities. On the left is the indicated cutoff
 20 of gamma ray. We have the Abo and the Penn porosity zones
 21 shown here. The Penn perforations are also shown in red.

22 Q Turn to Exhibit Number Four and describe
 23 what it shows.

24 A It is a dual lateral log of the same well.
 25 In orange is the separation of the dual lateral log and in

SALLY W. BOYD, C.S.R.

Rt. 1 Box 193-B
 Santa Fe, New Mexico 87501
 Phone (505) 455-7409

1 yellow is the RXO or indication of filter cake.

2 You'll note that the Abo has considerably
3 better permeability than the Penn and therefor the Abo is
4 more desireable for completion.

5 Q Mr. Mahfood, in your opinion will the
6 granting of this application be in the interest of conserva-
7 tion, the prevention of waste, and the protection of corre-
8 lative rights?

9 A Yes.

10 Q And were Exhibits One through Four either
11 prepared by you or otherwise based upon your personal know-
12 ledge?

13 A Yes.

14 MR. DICKERSON: Move the admission of
15 Exhibits One through Four, Mr. Examiner.

16 MR. NUTTER: Yates Exhibits One through
17 Four will be admitted in evidence.

18 MR. DICKERSON: And that concludes this
19 case.

20
21 CROSS EXAMINATION

22 BY MR. NUTTER:

23 Q Mr. Mahfood, now you were mentioning the
24 well in Section 36 and in Section 28 and Section 9. Are
25 those Pennsylvanian wells or Abo wells?

SALLY W. BOYD, C.S.R.

Rt. 1 Box 193-R
Santa Fe, New Mexico 87501
Phone (505) 455-7409

SALLY W. BOYD, C.S.R.

Rt. 1 Box 193-B

Santa Fe, New Mexico 87501

Phone (505) 455-7409

Page 8

1 A I believe they are all Abo wells, sir.

2 Q What kind of potentials do you get in the
3 Abo in this area?

4 A Mr. Examiner, at the moment we have asked
5 that this be confidential. They're in the neighborhood of
6 1 - 2 million.

7 Q From 1 to 2 million, and your Pennsyl-
8 vanian here makes about 800,000 a day.

9 A Yes, sir.

10 Q But none of the wells in this area is
11 connected at the time; there is no pipeline?

12 A No, sir.

13 Q Now did you give us -- oh, yeah, you did.
14 You gave us a pressure of 1846 on the Pennsylvanian.

15 A That is correct.

16 Q And around 1100 pounds on the Abo.

17 A That's right.

18 MR. NUTTER: Are there any further ques-
19 tions of Mr. Mahfood? He may be excused.

20 Do you have anything further, Mr. Dicker-
21 son, in this case?

22 MR. DICKERSON: No, sir.

23 MR. NUTTER: Does anyone have anything
24 they wish to offer in Case Number 6920?

25 We'll take the case under advisement.

C E R T I F I C A T E

I, SALLY W. BOYD, C.S.R., DO HEREBY CERTIFY that the foregoing Transcript of Hearing before the Oil Conservation Division was reported by me; that the said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability.

Sally W. Boyd CSR

SALLY W. BOYD, C.S.R.

Rt. 1 Box 193-B
Santa Fe, New Mexico 87501
Phone (505) 455-7409

I do hereby certify that the foregoing is
a complete record of the proceedings in
the Examiner hearing of Case No. 6920
heard by me on 6/4 1980.

[Signature], Examiner
Oil Conservation Division

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
STATE LAND OFFICE BLDG.
SANTA FE, NEW MEXICO
4 June 1980

EXAMINER HEARING

IN THE MATTER OF:

Application of Yates Petroleum Cor-
poration for a dual completion and
unorthodox well location, Chaves
County, New Mexico.

CASE
6920

BEFORE: Daniel S. Nutter

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the Oil Conservation
Division:

Ernest L. Padilla, Esq.
Legal Counsel to the Division
State Land Office Bldg.
Santa Fe, New Mexico 87501

For the Applicant:

Chad Dickerson, Esq.
Losee, Carson, and Dickerson
Artesia, New Mexico

I N D E X

EDDIGE MAHFOOD

Direct Examination by Mr. Dickerson

3

Cross Examination by Mr. Nutter

7

E X H I B I T S

Applicant Exhibit One, Plat

3

Applicant Exhibit Two, Diagrammatic Sketch

5

Applicant Exhibit Three, Log

6

Applicant Exhibit Four, Log

6

MR. NUTTER: Call next Case Number 6920.

MR. PADILLA: Application of Yates Petroleum Corporation for a dual completion and unorthodox well location, Chaves County, New Mexico.

MR. DICKERSON: Chad Dickerson, Artesia, for the applicant, and Mr. Mahfood is still under oath and testifying.

EDDIE MAHFOOD

being called as a witness and having been previously sworn upon his oath, testified as follows, to-wit:

DIRECT EXAMINATION

BY MR. DICKERSON:

Q Mr. Mahfood, would you briefly describe the purposes which Yates seeks by this application in Case Number 6920?

A We seek to dually complete the subject well in the Penn and in the Abo.

Q Refer to what is marked Exhibit Number One and describe what it shows.

A Exhibit Number One is a lease ownership map showing the location of the subject well and the spacing unit dedicated to the Cisco and to the Abo. In yellow is the dedication to the Abo.

Q And your well is presently completed in what formation?

A The well is completed in the Penn.

Q Is the well hooked up?

A No, there is no pipeline connection at this time.

Q Mr. Mahfood, are there any other wells in the vicinity of the subject well that you wish to point out to the Examiner on Exhibit Number One?

A We have other wells in the area. For instance, in Section 36 is the McKennon "MB" No. 1 in Unit B of Section 36. There is a well in Section 3 to the south, and in Section 9. There's a proposed location in Section 4. There is other wells in the area.

Q Would you give the footage location of this well, or at least describe to the Examiner, is it not among also your purposes here to request approval of an unorthodox location for the Abo in the event the present location of the well is actually actually unorthodox under the rules?

A That is correct. The well is located 800 feet from the south and 2100 feet from the east. Technically it's a non-standard location because of its proximity to the west boundary, being less than 660 feet; however, it is a contiguous ownership, and therefor I'm not sure that

you can call it a boundary.

Q Well, the ownership of the southeast quarter, though, and the southwest quarter is not the same, is it?

A No.

Q Mr. Mahfood, refer to Exhibit Number Two and describe what it shows.

A Exhibit Number Two is a diagrammatic sketch of the proposed dual completion. At the present time the well is completed with the tubing and packer at 4600 feet; producible perforations are 4858 to 4865. There's a retrievable bridge plug at 4897, which could be removed to allow the 4908 - 4916 to be produced also.

We have a fairly good completion there at 4858 to 65 and rather than jeopardize losing that at this time we do not plan to remove the retrievable bridge plug at this time.

However, when the dual completion is permitted we'll have to kill the well and then at that time we can remove the retrievable bridge plug.

The Abo will be perforated in the interval of 3564 to 3840, selectively. The Abo curves in this area are all within eight pounds of one another, so they're approximately 1100 bottom hole pressure.

The Penn, on the other hand, has a bottom

hole pressure of 1846 pounds and there is not very good correlation; therefore, we suspect it might be a not very extensive reservoir and to make it attractive to get a pipeline in this area we feel like we need to dual complete the well in the Abo, which we know is extensive.

Q And in your opinion will the dual completion of this well result in the recovery of gas which would not otherwise be recovered?

A Yes, I think it would.

Q Now, Mr. Mahfood, assuming the Division grants this application, Yates would then comply with the provisions of Rule 112 to test the casing for leaks and so forth?

A Yes, we will conduct the statutory tests.

Q Refer to Exhibit Number Three and describe what it shows, please.

A Exhibit Number Three is a compensated neutron log and formation density log. In orange on the right is indicated porosities. On the left is the indicated cutoff of gamma ray. We have the Abo and the Penn porosity zones shown here. The Penn perforations are also shown in red.

Q Turn to Exhibit Number Four and describe what it shows.

A It is a dual lateral log of the same well. In orange is the separation of the dual lateral log and in

yellow is the RXO or indication of filter cake.

You'll note that the Abo has considerably better permeability than the Penn and therefor the Abo is more desirable for completion.

Q Mr. Mahfood, in your opinion will the granting of this application be in the interest of conservation, the prevention of waste, and the protection of correlative rights?

A Yes.

Q And were Exhibits One through Four either prepared by you or otherwise based upon your personal knowledge?

A Yes.

MR. DICKERSON: Move the admission of Exhibits One through Four, Mr. Examiner.

MR. NUTTER: Yates Exhibits One through Four will be admitted in evidence.

MR. DICKERSON: And that concludes this case.

CROSS EXAMINATION

BY MR. NUTTER:

Q Mr. Mahfood, now you were mentioning the well in Section 3C and in Section 28 and Section 9. Are those Pennsylvanian wells or Abo wells?

A I believe they are all Abo wells, sir.

Q What kind of potentials do you get in the Abo in this area?

A Mr. Examiner, at the moment we have asked that this be confidential. They're in the neighborhood of 1 - 2 million.

Q From 1 to 2 million, and your Pennsylvanian here makes about 800,000 a day.

A Yes, sir.

Q But none of the wells in this area is connected at the time; there is no pipeline?

A No, sir.

Q Now did you give us -- oh, yeah, you did. You gave us a pressure of 1846 on the Pennsylvanian.

A That is correct.

Q And around 1100 pounds on the Abo.

A That's right.

MR. NUTTER: Are there any further questions of Mr. Mahfood? He may be excused.

Do you have anything further, Mr. Dickerson, in this case?

MR. DICKERSON: No, sir.

MR. NUTTER: Does anyone have anything they wish to offer in Case Number 6920?

We'll take the case under advisement.

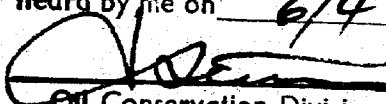
C E R T I F I C A T E

I, SALLY W. BOYD, C.S.R., DO HEREBY CERTIFY that the foregoing Transcript of Hearing before the Oil Conservation Division was reported by me; that the said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability.

SALLY W. BOYD, C.S.R.

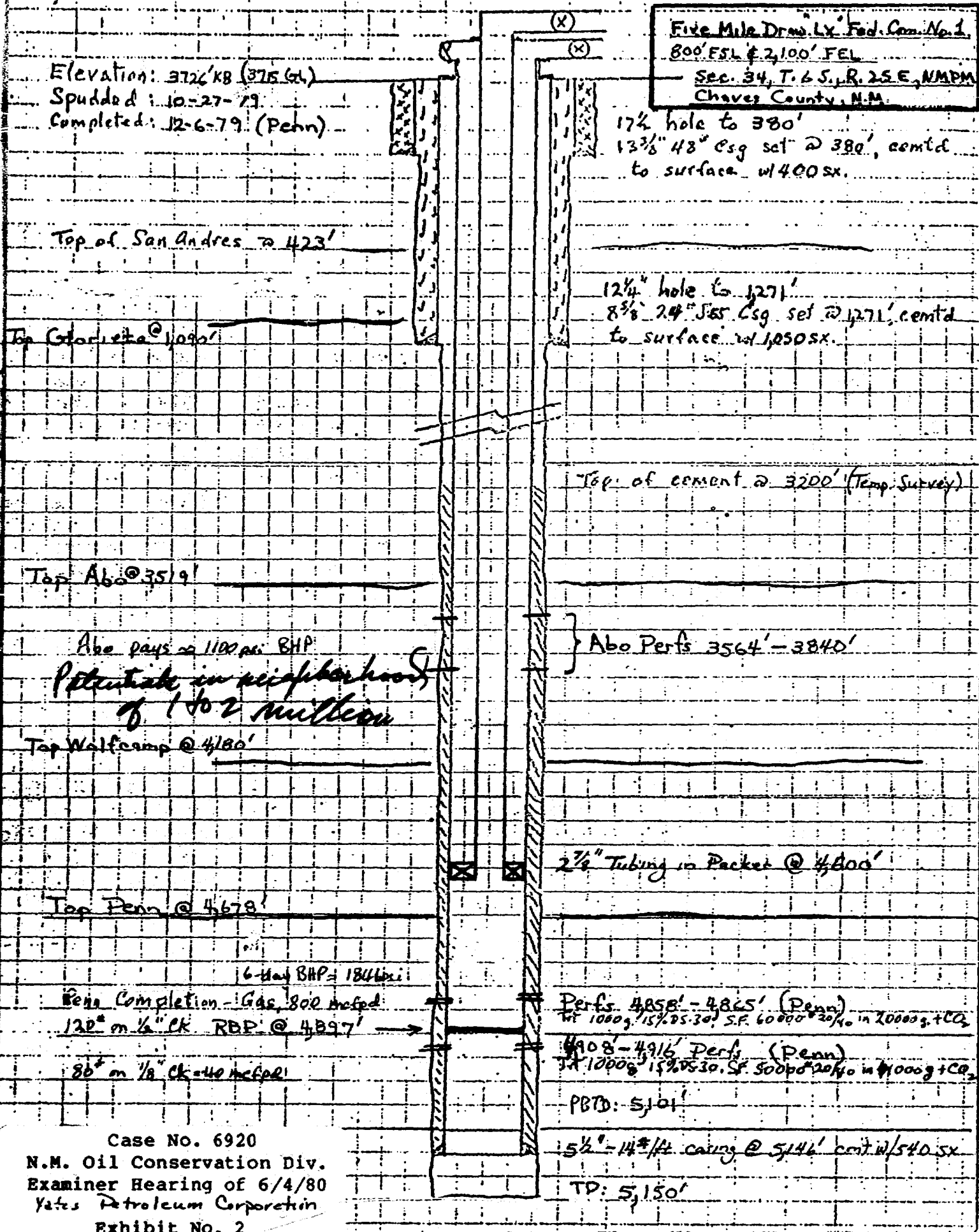
Rt. 1 Box 193-B
Santa Fe, New Mexico 87501
Phone (505) 435-7409

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 6920 heard by me on 6/4 1980.

 , Examiner
Oil Conservation Division

Case No. 6920
N.M. Oil Conservation Div.
Examiner Hearing of 6/4/80
Yates Petroleum Corporation
Exhibit No. 1

Diagrammatic Sketch of Proposed Dual Completion

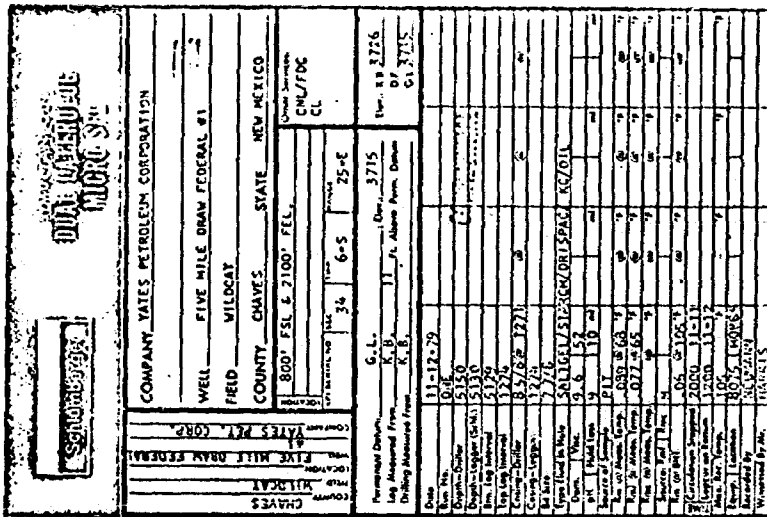


A high-contrast, black and white photograph of a group of people, possibly a band, standing in a line against a dark background. The image is heavily stylized, with the figures appearing as bright white shapes against a black grid-like pattern. The figures are mostly silhouetted, with some showing more detail like clothing and instruments. The overall effect is graphic and abstract.

[illegible]

Schlumberger		DUAL LAMINATED MICRO SEAL	
COMPANY YATES PETROLEUM CORPORATION			
WELL FIVE MILE DRAW FEDERAL #1			
FIELD WILLOCAT			
COUNTY CHAVES		STATE NEW MEXICO	
LOCATION 800' FSL & 2100' FEL,		Other Services: CML/FDC CL	
CORRELATION NO.	SEC	TOP	RANGE
34	6-5	25-E	
Permanent Datum: G.L. Log Measured From: K.B. 3715 Drilling Measured From: K.B. 3715 Ft. Above Perm. Datum			
Date: 11-12-79			
Run No. ONE			
Depth-Driller 5150			
Depth-Logger (Sht.) 5130			
Top Log Interval 5129			
Top Log Interval 1275			
Casing-Driller B 5/8" x 127'			
Casing-Logger 1274			
Bit Size 7 7/8"			
Type Fluid In Hole SALT/GEL/STARCH/DIPSAC KC/OIL			
Down: 9 1/2 152			
Up: 9 1/2 19			
Source of Sample			
Run @ Mean Temp. 039° ± 63° F			
Rod @ Mean Temp. 077° ± 65° F			
Core @ Mean Temp. " " " "			
Source: Rod / Pinc			
Run @ BH: .05 @ 105° F			
Circulation Stopped 2000 11-11			
Logger on Bottom 1200 11-12			
Mean Tool Temp. 107° ± 110° F			
Mean Casing Location 8015 MOEBE			
Recorded By MC/214			
Reviewed by HARTIS			

ABD



Case No. 6920
N.M. Oil Conservation Div.
Examiner Hearing of 6/4/80
Vates Petroleum Corporation
Exhibit No. 4

Diagrammatic Sketch of Proposed Dual Completion

Elevation: 3720' x 8 (3715' G.L.)

Spudded: 10-27-79

Completed: 12-6-79 (Penn)

Top of San Andres @ 4223'

Top Glorietta @ 4090'

Top Abo @ 3519'

Abo pump @ 1100 psi BHP

Top Wolfcamp @ 4180'

Top Penn @ 4678'

16-day BHP = 4846 psi

Penn Completion - Gas 800 mcfpd

120" on 1/2" CK RBP @ 4897'

80" on 1/8" CK 40 mcfpd

Five Mile Dr. LX. Fed. Com. No. 1

800' ESL & 2,100' FEL

Sec. 34, T. 6 S., R. 25 E., NMPM

Chavez County, N.M.

17 1/2" hole to 380'

13 3/8" 48" Csg. set @ 380', cement to surface w/ 400 sx.

12 1/4" hole to 1271'

8 5/8" 24" JST Csg. set @ 1271', cement to surface w/ 1050 sx.

Top of cement @ 3200' (Temp. Survey)

Abo Perfs 3564' - 3840'

2 3/8" Tubing in Packer @ 4800'

Perfs 4858' - 4865' (Penn)

TA 10000, 15% DS-30, SF 60000 20/40 in 20000g + CO

4908' - 4916' Perfs (Penn)

TA 10000, 15% DS-30, SF 50000 20/40 in 40000g + CO

PBD: 5101'

5 1/2" - 14 1/4" casing @ 5146' cement w/ 540 sx

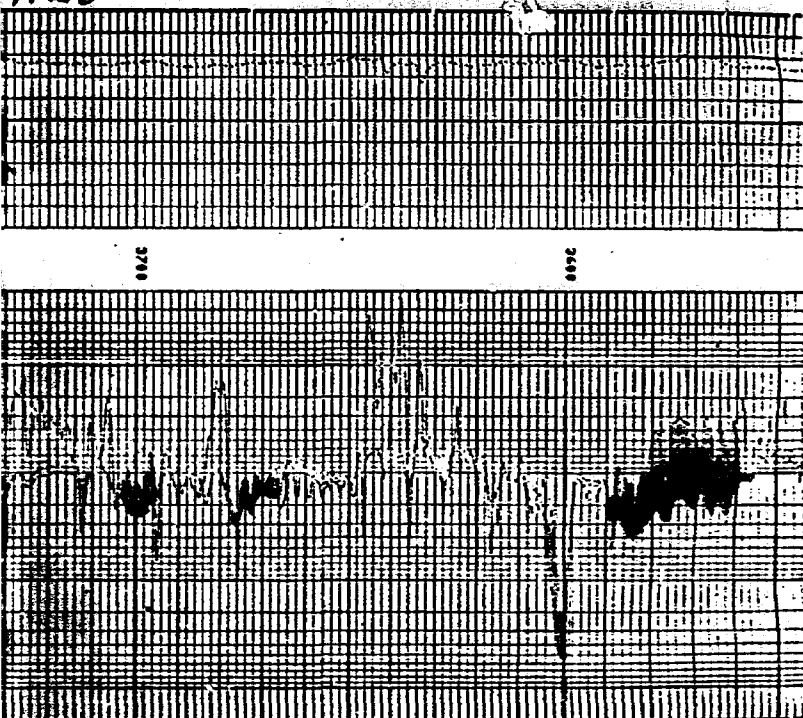
TD: 5150'

Case No. 6920
N.M. Oil Conservation Div.
Examiner Hearing of 6/4/80
Yates Petroleum Corporation
Exhibit No. 2

180

Schlumberger		COMPRESSED AIR-ION FORMATION DENSITY																																																																																																																									
COMPANY YATES PETROLEUM CORPORATION																																																																																																																											
WELL FIVE MILE DRAM FEDERAL #1																																																																																																																											
FIELD WILDCAT																																																																																																																											
COUNTY CHAVES STATE NEW MEXICO																																																																																																																											
800' FSL & 2100' FSL		Other Services																																																																																																																									
36 6-S 25-E		DLL CL																																																																																																																									
Permanent Datum: G.L.		Elev. 3715																																																																																																																									
Log Measured From: K.B.		11 ft. Above Perm. Datum																																																																																																																									
Drilling Measured From: K.B.		D.L. 3715																																																																																																																									
<table border="1"> <tr> <td>Date</td> <td>11-12-79</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Run No.</td> <td>ONE</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Depth, Driller</td> <td>5150</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Depth, Logger</td> <td>5196</td> <td></td> <td></td> <td></td> </tr> <tr> <td>True Log Interval</td> <td>5345</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Top Log Interval</td> <td>1276</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Casing, Driller</td> <td>8 5/8" (127)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Casing, Logger</td> <td>1276</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Bit Size</td> <td>7 7/8</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Type Mud in Hole</td> <td>SALT GEL / STARCH / DRIS PAC</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Core, 1</td> <td>9.6</td> <td>52</td> <td></td> <td></td> </tr> <tr> <td>Core, 2</td> <td>9</td> <td>10</td> <td>ml</td> <td></td> </tr> <tr> <td>Source of Sample</td> <td>FL</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Run at Meas. Temp.</td> <td>000 568</td> <td>7</td> <td>10</td> <td>7</td> </tr> <tr> <td>Run at Meas. Temp.</td> <td>077 65</td> <td>7</td> <td>2</td> <td>7</td> </tr> <tr> <td>Run at Meas. Temp.</td> <td>50</td> <td>7</td> <td>10</td> <td>7</td> </tr> <tr> <td>Source, Mud 1</td> <td>11</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Run at Bit</td> <td>06 1106</td> <td>7</td> <td>10</td> <td>7</td> </tr> <tr> <td>Log Circulation Stopped</td> <td>2000 11-11</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Log Circulation Bottom</td> <td>0600 11-12</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Run at Temp.</td> <td>105</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Log Circulation</td> <td>8075 11088</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Recorded By</td> <td>HEUPH</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Witnessed By</td> <td>HARRIS</td> <td></td> <td></td> <td></td> </tr> </table>				Date	11-12-79				Run No.	ONE				Depth, Driller	5150				Depth, Logger	5196				True Log Interval	5345				Top Log Interval	1276				Casing, Driller	8 5/8" (127)				Casing, Logger	1276				Bit Size	7 7/8				Type Mud in Hole	SALT GEL / STARCH / DRIS PAC				Core, 1	9.6	52			Core, 2	9	10	ml		Source of Sample	FL				Run at Meas. Temp.	000 568	7	10	7	Run at Meas. Temp.	077 65	7	2	7	Run at Meas. Temp.	50	7	10	7	Source, Mud 1	11				Run at Bit	06 1106	7	10	7	Log Circulation Stopped	2000 11-11				Log Circulation Bottom	0600 11-12				Run at Temp.	105				Log Circulation	8075 11088				Recorded By	HEUPH				Witnessed By	HARRIS			
Date	11-12-79																																																																																																																										
Run No.	ONE																																																																																																																										
Depth, Driller	5150																																																																																																																										
Depth, Logger	5196																																																																																																																										
True Log Interval	5345																																																																																																																										
Top Log Interval	1276																																																																																																																										
Casing, Driller	8 5/8" (127)																																																																																																																										
Casing, Logger	1276																																																																																																																										
Bit Size	7 7/8																																																																																																																										
Type Mud in Hole	SALT GEL / STARCH / DRIS PAC																																																																																																																										
Core, 1	9.6	52																																																																																																																									
Core, 2	9	10	ml																																																																																																																								
Source of Sample	FL																																																																																																																										
Run at Meas. Temp.	000 568	7	10	7																																																																																																																							
Run at Meas. Temp.	077 65	7	2	7																																																																																																																							
Run at Meas. Temp.	50	7	10	7																																																																																																																							
Source, Mud 1	11																																																																																																																										
Run at Bit	06 1106	7	10	7																																																																																																																							
Log Circulation Stopped	2000 11-11																																																																																																																										
Log Circulation Bottom	0600 11-12																																																																																																																										
Run at Temp.	105																																																																																																																										
Log Circulation	8075 11088																																																																																																																										
Recorded By	HEUPH																																																																																																																										
Witnessed By	HARRIS																																																																																																																										

AR0



Scribble		DIAL MICRO SP1	
COMPANY YATES PETROLEUM CORPORATION			
WELL FIVE MILE DRAW FEDERAL #1			
FIELD WILLOCAT			
COUNTY CHAVES		STATE NEW MEXICO	
A 800' FSL & 2100' FEL		Other Services: CNL/FDC CL	
APPROX. H.D.	SEC 34	TWP 6-S	RANGE 25-E
Permanent Datum: G.L.		3715	
Log Measured From: K.B.		Elev. R.B. 3726	
Drilling Measured From: K.B.		G.L. 3715	
Date	11-12-79		
Run No.	ONE		
Depth-Dialer	5150		
Depth-Logger (S.W.)	5130		
Max. Log Interval	5129		
Top Log Interval	1274		
Casing-Dialer	8 5/8" T271		
Casing-Logger	1274		
Log Size	2 7/8"		
Log Fluid in Hole	SALT GEL / STARCH / ORISPAK KC/OIL		
Down. Visc.	9.6 152		
pH / Fluid Loss	10 ml		
Source of Sample	P11		
Run at Max. Temp.	089 @ 68 °F		
Run at Min. Temp.	077 @ 65 °F		
Run at Max. Temp.	100 °F		
Source and Rate	M 06 @ 105 °F		
Log (Circulation Stopped)	2000 11-11		
Logger on Bottom	1200 11-12		
Max. Rec. Temp.	105 °F		
Equip. Location	8075 HOPE		
Recorded By	J.E. L. N.Y.		
Witnessed By	HARRIS		

Diagrammatic Sketch of Proposed Dual Completion

Elevation: 3726' KB (3715' SL)

Spudded: 10-27-79

Completed: 12-6-79 (Penn)

Top of San Andres @ 423'

Top Glorietta @ 4090'

Top Abo @ 3519'

Abo pays ~ 1100 psi BHP

Top Wolfcamp @ 4180'

Top Penn @ 4678'

6-day BHP = 1846 psi

Penn Completion - Gas, 800 mcf/d

P. 12" m 1/2" CK RBP @ 4897'

P. 80" m 1/2" CK = 40 mcf/d

Case No. 6920

N.M. Oil Conservation Div.

Examiner Hearing of 6/4/80

Yates Petroleum Corporation

Exhibit No. 2

Five Mile Draw LX Fed. Com. No. 1

800' ESL & 2,100' FEL

Sec. 34, T. 6 S., R. 25 E., NMPM

Cheves County, N.M.

17 1/4" hole to 380'

13 3/8" 48" Csg set @ 380', cont'd to surface w/ 400 SX.

12 1/4" hole to 1271'

8 5/8" 24" J55 Csg set @ 1271', cont'd to surface w/ 1,050 SX.

Top of cement @ 3200' (Temp. Survey)

Abo Perfs 3564' - 3840'

2 7/8" Tubing in Packet @ 4800'

Perfs 4858' - 4865' (Penn)

TH 1000g, 15% DS-20, 6000" 1/4 in 20000g, 100, flow 120 m 1/2" CK

4908' - 4916' Perfs (Penn)

TH 1000g, 15% DS-20, Placed 80 m 1/2" CK

ST 50000 20/40 in 41000g, 100, Placed 15 m 1/2" CK

PBD: 5,101'

5 1/2" - 14" / 4" casing @ 5146' cont'd w/ 540 SX

TP: 5,150'

A black and white photograph showing a group of approximately ten people standing in a line, facing the camera. They are positioned against a background that features a prominent grid or mesh pattern, possibly a window screen or a wall. The individuals are dressed in casual attire, including t-shirts and trousers. The lighting is somewhat uneven, with some areas appearing brighter than others, and the overall image has a grainy, high-contrast quality.

Schlumberger		DUMPSIED FERTILIZER DIVISION																																																																																																	
<div style="position: absolute; top: 10px; left: 10px; transform: rotate(-90deg); transform-origin: left top;"> COUNTY CHAVES WELL FIVE MILE DRAW LOCATION FIVE MILE DRAW FEDERAL #1 CORRELATION YATES PET. CORP. </div>		COMPANY <u>YATES PETROLEUM CORPORATION</u>																																																																																																	
WELL <u>FIVE MILE DRAW FEDERAL #1</u>		FIELD <u>WILDCAT</u>																																																																																																	
COUNTY <u>CHAVES</u>		STATE <u>NEW MEXICO</u>																																																																																																	
CORR. FSL & FLOOD FSL 34 6-S 25-E		OIL CL																																																																																																	
Permanent Datum: <u>G.L.</u> Log Measured from: <u>K. 8</u> Drilling Measured from: <u>K. 8</u>		Elev. <u>3715</u> <u>11</u> ft. Above Perm. Datum Inv. <u>KB 3724</u> <u>DJ</u> <u>01 3715</u>																																																																																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Date</td> <td colspan="3">11-12-79</td> </tr> <tr> <td>Run No.</td> <td colspan="3">ONE</td> </tr> <tr> <td>Depth - Driller</td> <td colspan="3">5150</td> </tr> <tr> <td>Depth - Logger</td> <td colspan="3">5146</td> </tr> <tr> <td>True Log Interval</td> <td colspan="3">5195</td> </tr> <tr> <td>Top Log Interval</td> <td colspan="3">1275</td> </tr> <tr> <td>Casing - Driller</td> <td colspan="3">8 5/8" 1275</td> </tr> <tr> <td>Casing - Logger</td> <td colspan="3">1274</td> </tr> <tr> <td>Log Size</td> <td colspan="3">2 7/8</td> </tr> <tr> <td>Log Fluid in Hole</td> <td colspan="3">SALIGEL/STARCH/DR/SPAC</td> </tr> <tr> <td>Grain Visc</td> <td colspan="3">0.6 52</td> </tr> <tr> <td>pH / Fluid Loss</td> <td>9</td> <td>10 ml</td> <td>ml</td> </tr> <tr> <td>Source of Sample</td> <td colspan="3">PIT</td> </tr> <tr> <td>Run at Mean Temp.</td> <td>099 °68 F</td> <td>°</td> <td>°</td> </tr> <tr> <td>Wind at Mean Temp.</td> <td>027 °65 F</td> <td>°</td> <td>°</td> </tr> <tr> <td>Wind at Mean Temp.</td> <td>°</td> <td>°</td> <td>°</td> </tr> <tr> <td>Source: Rod / Run</td> <td colspan="3">H</td> </tr> <tr> <td>Log No. (BHT)</td> <td colspan="3">05 0104 F</td> </tr> <tr> <td>Location of Drilling</td> <td colspan="3">2000 - 11-11</td> </tr> <tr> <td>Location of Bottom</td> <td colspan="3">0600 11-17</td> </tr> <tr> <td>Mean Rec. Temp.</td> <td colspan="3">04</td> </tr> <tr> <td>Equip. / Location</td> <td colspan="3">5075 / HOBBS</td> </tr> <tr> <td>Recorded by</td> <td colspan="3">NEUMAN</td> </tr> <tr> <td>Witnessed by</td> <td colspan="3">HARRIS</td> </tr> </table>				Date	11-12-79			Run No.	ONE			Depth - Driller	5150			Depth - Logger	5146			True Log Interval	5195			Top Log Interval	1275			Casing - Driller	8 5/8" 1275			Casing - Logger	1274			Log Size	2 7/8			Log Fluid in Hole	SALIGEL/STARCH/DR/SPAC			Grain Visc	0.6 52			pH / Fluid Loss	9	10 ml	ml	Source of Sample	PIT			Run at Mean Temp.	099 °68 F	°	°	Wind at Mean Temp.	027 °65 F	°	°	Wind at Mean Temp.	°	°	°	Source: Rod / Run	H			Log No. (BHT)	05 0104 F			Location of Drilling	2000 - 11-11			Location of Bottom	0600 11-17			Mean Rec. Temp.	04			Equip. / Location	5075 / HOBBS			Recorded by	NEUMAN			Witnessed by	HARRIS		
Date	11-12-79																																																																																																		
Run No.	ONE																																																																																																		
Depth - Driller	5150																																																																																																		
Depth - Logger	5146																																																																																																		
True Log Interval	5195																																																																																																		
Top Log Interval	1275																																																																																																		
Casing - Driller	8 5/8" 1275																																																																																																		
Casing - Logger	1274																																																																																																		
Log Size	2 7/8																																																																																																		
Log Fluid in Hole	SALIGEL/STARCH/DR/SPAC																																																																																																		
Grain Visc	0.6 52																																																																																																		
pH / Fluid Loss	9	10 ml	ml																																																																																																
Source of Sample	PIT																																																																																																		
Run at Mean Temp.	099 °68 F	°	°																																																																																																
Wind at Mean Temp.	027 °65 F	°	°																																																																																																
Wind at Mean Temp.	°	°	°																																																																																																
Source: Rod / Run	H																																																																																																		
Log No. (BHT)	05 0104 F																																																																																																		
Location of Drilling	2000 - 11-11																																																																																																		
Location of Bottom	0600 11-17																																																																																																		
Mean Rec. Temp.	04																																																																																																		
Equip. / Location	5075 / HOBBS																																																																																																		
Recorded by	NEUMAN																																																																																																		
Witnessed by	HARRIS																																																																																																		

PENW

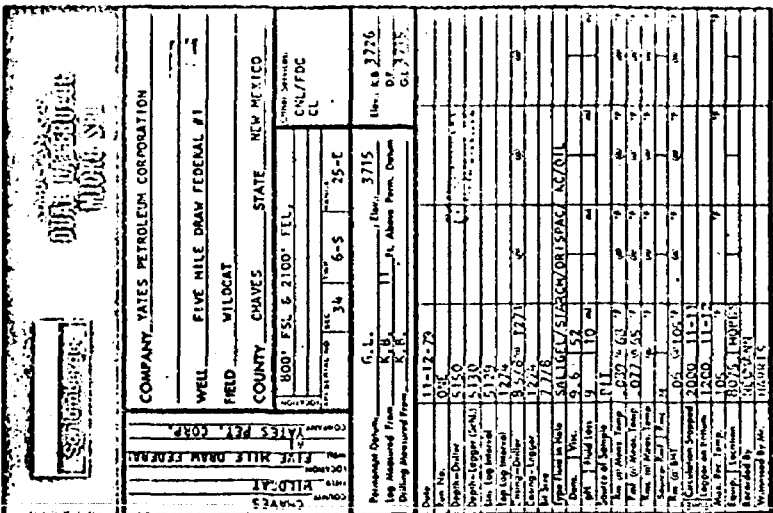


Case No. 6920
N.M. Oil Conservation Div.
Examiner Hearing of 6/4/80
Yates Petroleum Corporation
Exhibit No. 3

A80

CHAVES		WILDCAT		FIVE MILE DRAW FEDERAL		YATES PETROLEUM CORP.	
COMPANY YATES PETROLEUM CORPORATION							
WELL FIVE MILE DRAW FEDERAL #1							
FIELD WILDCAT							
COUNTY CHAVES STATE NEW MEXICO							
800' FSL & 2100' FEL							
Other Services: CNL/FDC CL							
APPROVAL NO. SEC 34 TYP 6-S 25-E							
Permanent Datum: G.L. 3715							
Log Measured From: K.B. 11 Ft. Above Perm. Datum							
Drilling Measured From: K.B. 01 3715							
Date 11-12-79							
Run No. 01E							
Depth-Driller 5150							
Depth-Logger (S&M) 5130							
S&M Log Interval 5125							
Log Log Interval 1275							
Coring-Driller 85/89 1270							
Coring-Logger 1275							
Bit Size 7 7/8							
Type Fluid in Hole SALIGEL/STARCH/DRISPAK KC/OIL							
Dens. (Visc.) 9.6 52							
gH Fluid Loss 9 10 ml							
Source of Sample R11							
Run at Meas. Temp. 033 68							
Run at Meas. Temp. 077 65							
Run at Meas. Temp. 105							
Source: Rod 1 Inc							
Run at Meas. Temp. 05 105							
Circulation Stopped 2000 11-11							
Logger on Bottom 1200 11-11							
Meas. Rec. Temp. 105							
Equip. Location 8075 HOBBS							
Recorded by NEWMAN							
Witnessed by Mr. HARRIS							

450



Case No. 6920
N.M. Oil Conservation Div.
Examiner Hearing of 6/4/80
Yates Petroleum Corporation
Exhibit No. 4

Diagrammatic Sketch of Proposed Dual Completion

Elevation: 3726' KB (375' SL)
Spudded: 10-27-79
Completed: 12-6-79 (Penn)

Five Mile Draw, LX, Fed. Com. No. 1
800' FSL & 2,100' FEL
Sec. 34, T. 6 S., R. 25 E., NMPM
Chavez County, N.M.

17 1/2" hole to 380'
13 3/8" 48" Csg set @ 380', cement
to surface w/ 400 sx.

Top of San Andres @ 423'

12 1/4" hole to 1271'
8 5/8" 24" J55 Csg set @ 1271', cement
to surface w/ 1050 sx.

Top Gila @ 1090'

Top of cement @ 3200' (Temp. Survey)

Top Abo @ 3519'

Abo pays ~ 1100 psi BHP

Abo Perfs 3564' - 3840'

Top Wolfcamp @ 4180'

2 3/8" Tubing in Packet @ 4800'

Top Penn @ 4678'

6 Day BHP = 1846 psi
Penn Completion - Gas, 800 mcf
120" m 7/8" Ck RBP @ 4897' →
80" m 1/2" Ck = 40 mcf

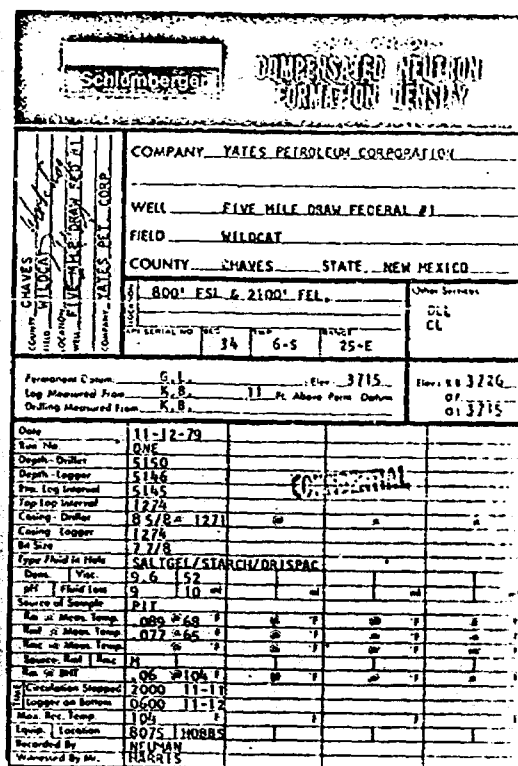
Perfs 4858' - 4865' (Penn)
1000g, 15% DS, 30" SF 60000' 2960' m 20000g. + 200

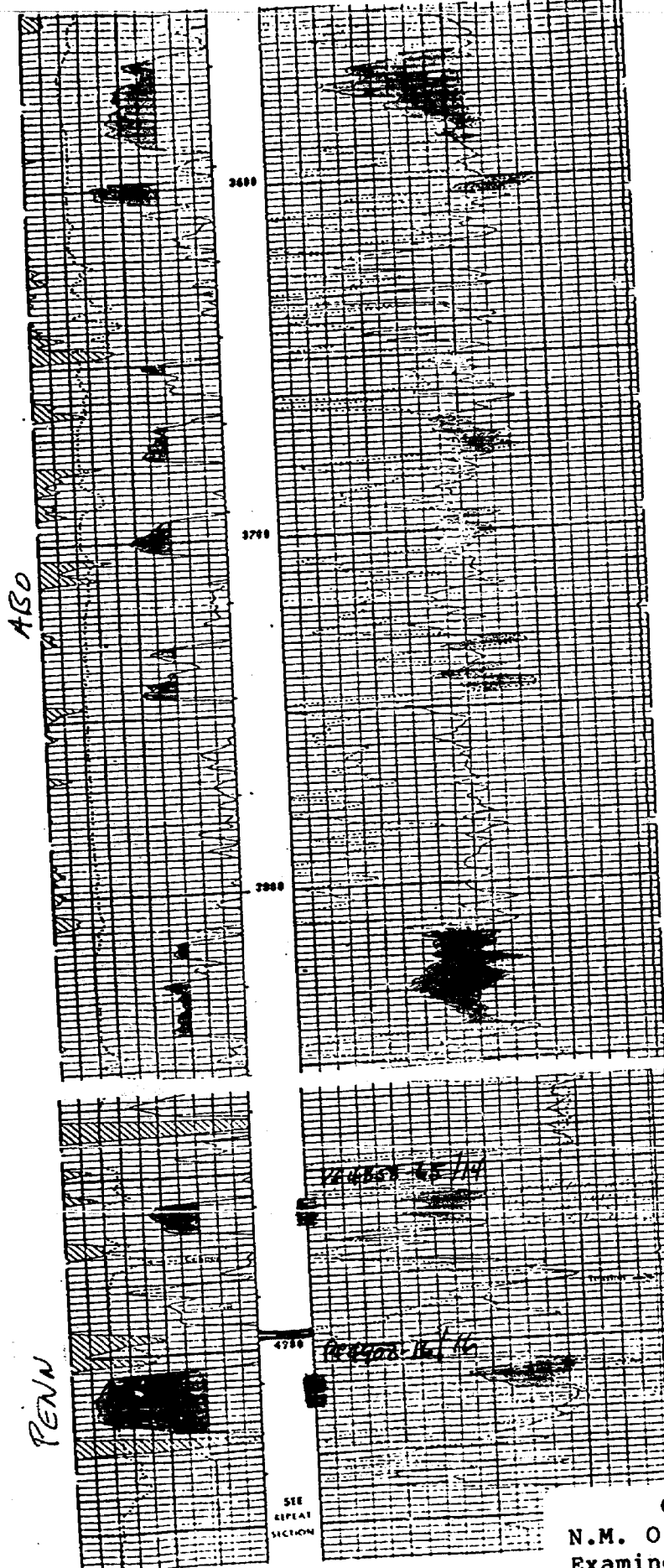
4908' - 4916' Perfs (Penn)
1000g, 15% DS, 30" SF 50000' 20/40 m 40000g. + 200

PBD: 5,101'

5 1/2" - 14 3/4" casing @ 5146' cement w/ 540 sx

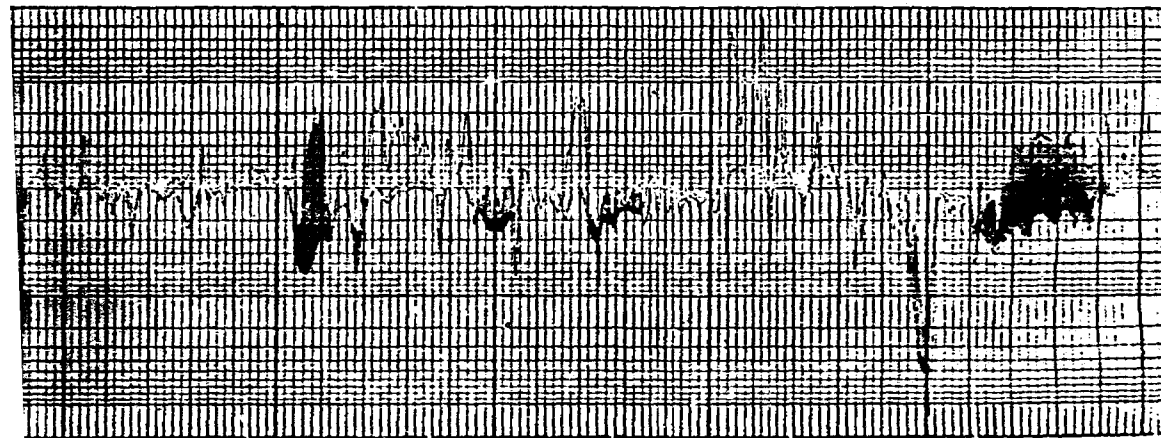
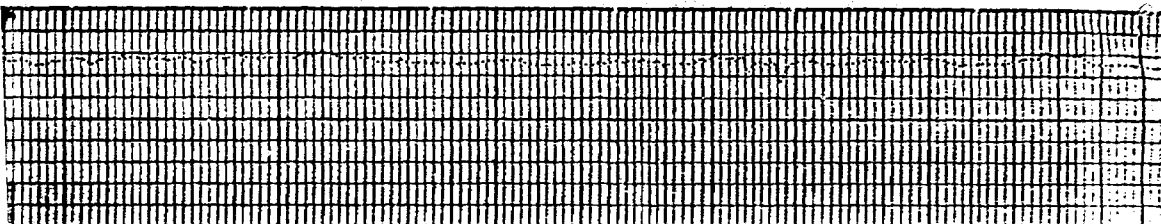
TD: 5,150'





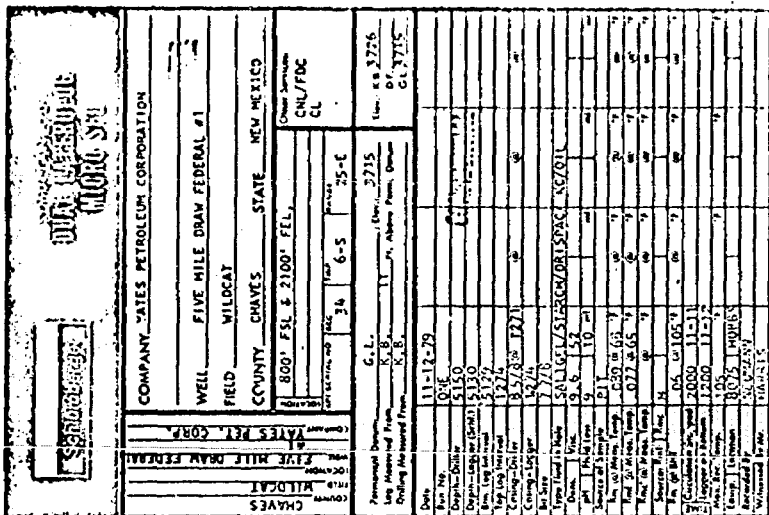
Case No. 6920
N.M. Oil Conservation Div.
Examiner Hearing of 6/4/80
Yates Petroleum Corporation
Exhibit No. 3

AR0



Schlumberger		DUAL LOGGING MICRO SMI	
COMPANY YATES PETROLEUM CORPORATION			
WELL FIVE MILE DRAW FEDERAL #1			
FIELD WILDCAT			
COUNTY CHAVES		STATE NEW MEXICO	
800' FSL & 2100' FEL		Other Services	
C/L SERIAL NO 36		CNL/FDC	
TRIP 6-5		CL	
HAND 25-E			
Permanent Datum G.L. 3715		Elev. 3726	
Log Measured From K.B. 11 ft Above Perm. Datum		Dr. 3715	
Drilling Measured From K.B.		G.L. 3715	
Date	11-12-79		
Run No.	01E		
Depth-Driller	5150		
Depth-Logger (Schl)	5150		
Core Log Interval	5129		
Top Log Interval	1279		
Coring-Driller	8.5/82 1279		
Coring-Logger	1279		
Bit Size	7 7/8		
Type Fluid in Hole	SALT GEL / STARCH / DRIS PAC	KG OIL	
Dens. / Visc.	9.6 / 52		
pH / Fluid Loss	9 / 10 ml		
Source of Sample	BIT		
Run @ Moos Temp	639 @ 68		
Run @ Moos Temp	077 @ 65		
Run @ Moos Temp	6		
Source Fluid / Rate	0.5 @ 105.7		
Run @ BHT	2000 11-11		
Log on Bottom	1200 11-12		
Max. Rec Temp	105		
Equip. / Location	8075 1 HOBBS		
Recorded by	W. J. JONES		
Witnessed by Mr.	HARRIS		

ASO



Case No. 6920

Docket No. 17-80

Dockets Nos. 19-80 and 20-80 are tentatively set for June 25 and July 9, 1980. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: COMMISSION HEARING - THURSDAY - JUNE 5, 1980

OIL CONSERVATION COMMISSION - 9 A.M. - ROOM 205
STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

CASE 6927: Application of Doyle Hartman for compulsory pooling and an unorthodox location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Pennsylvanian formation underlying the S/2 of Section 24, Township 17 South, Range 28 East, to be dedicated to a well to be drilled at an unorthodox location 660 feet from the South and West lines of said Section 24. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a charge for risk involved in drilling said well.

CASE 6928: Application of ARCO Oil and Gas Company for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Pennsylvanian formation underlying the S/2 of Section 24, Township 17 South, Range 28 East, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a charge for risk involved in drilling said well.

Docket No. 16-80

DOCKET: EXAMINER HEARING - WEDNESDAY - JUNE 4, 1980

9 A.M. - OIL CONSERVATION DIVISION CONFERENCE ROOM,
STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

The following cases will be heard before Daniel S. Nutter, Examiner, or Richard L. Stamets, Alternate Examiner:

CASE 6803: (Continued from April 23, 1980, Examiner Hearing)

In the matter of the hearing called by the Oil Conservation Division on its own motion to permit EPROC Associates, Hartford Accident and Indemnity Company, and all other interested parties to appear and show cause why its Monsanto State H Well No. 1 located in Unit E of Section 2, Township 30 North, Range 16 West, San Juan County, should not be plugged and abandoned in accordance with a Division-approved plugging program.

CASE 6906: Application of Amoco Production Company for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its South Mattix Unit Well No. 39 located in Unit G of Section 15, Township 24 South, Range 37 East, to produce oil from the Fowler-Upper Yesso and Fowler-Drinkard Pools thru parallel strings of tubing.

CASE 6907: Application of Amoco Production Company for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its Myers B Federal Well No. 28 located in Unit M of Section 9, Township 24 South, Range 37 East, to produce gas from the Jalmat and Langille Mattix Pools thru parallel strings of tubing.

CASE 6908: Application of Estoril Producing Corporation for an unorthodox gas well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Curry State Well No. 1, a Pennsylvanian test to be drilled 660 feet from the North and East lines of Section 22, Township 23 South, Range 34 East, Antelope Ridge Field, the N/2 of said Section 22 to be dedicated to the well.

CASE 6909: Application of El Paso Natural Gas Company for downhole commingling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of Basin-Dakota and Largo-Gallup production in the wellbore of its Rincon Unit Well No. 164 located in Unit L of Section 2, Township 26 North, Range 7 West.

CASE 6886: (Continued from May 21, 1980, Examiner Hearing)

Application of Aminoil USA, Inc. for compulsory pooling and an unorthodox location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Wolfcamp and Pennsylvanian formations underlying the S/2 of Section 10, Township 24 South, Range 28 East, to be dedicated to a well to be drilled at an unorthodox location 2080 feet from the South line and 1773 feet from the East line of said Section 10. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

CASE 6910: Application of Grace Petroleum Corporation for four compulsory poolings, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Gallup formation underlying four 40-acre proration units, being the SE/4 NE/4, the SE/4 NW/4, and the NW/4 NW/4 of Section 28, and the SW/4 SE/4 of Section 29, all in Township 24 North, Range 7 West, each to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said wells and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the wells, and a charge for risk involved in drilling said wells.

CASE 6911: Application of Grace Petroleum Corporation for compulsory pooling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Gallup formation underlying the NE/4 NW/4 of Section 11, Township 23 North, Range 7 West, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a charge for risk involved in drilling said well.

CASE 6912: Application of Southland Royalty Company for a dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion of its State "14" Comm. Well No. 1 located in Unit E of Section 14, Township 19 South, Range 29 East, Turkey Track Field, to produce gas from the Morrow and Atoka formations thru tubing and the casing-tubing annulus, respectively

CASE 6913: Application of Kerr-McGee Corporation for an unorthodox well location, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its State F Well No. 14 to be drilled 1310 feet from the North line and 1330 feet from the West line of Section 2, Township 8 South, Range 33 East, Chaveroo-San Andres Pool.

CASE 6914: Application of Wilson Oil Company for a non-standard proration unit and unorthodox location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of a 320-acre non-standard gas proration unit comprising the S/2 of Section 29, Township 20 South, Range 36 East, North Osudo-Morrow Gas Pool, to be dedicated to its State JD Well No. 1 at an unorthodox location 1650 feet from the South line and 1980 feet from the West line of said Section 29.

CASE 6915: Application of Jake L. Hamon for a non-standard gas proration unit and an unorthodox well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of a 320-acre non-standard gas proration unit comprising the S/2 of Section 8, Township 20 South, Range 36 East, North Osudo-Morrow Gas Pool, to be dedicated to a well to be drilled at an unorthodox location 660 feet from the South line and 1980 feet from the West line of said Section 8.

CASE 6916: Application of Petro-Lewis Corporation for downhole commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of the Drinkard and Blinbry production in the wellbore of its State DC Well No. 1, a quadruple completion located in Unit F of Section 19, Township 21 South, Range 37 East.

CASE 6917: Application of Yates Petroleum Corporation for an NGPA determination, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks a new onshore reservoir determination for its Goat Roper "LP" Com. Well No. 1 located in Unit F of Section 30, Township 17 South, Range 26 East.

CASE 6918: Application of Yates Petroleum Corporation for downhole commingling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle Upper Penn and Morrow gas production in the wellbore of its Kennedy "JQ" Com. Well No. 1 located in Unit H of Section 33, Township 17 South, Range 26 East, Kennedy Farms Field.

CASE 6919: Application of Yates Petroleum Corporation for downhole commingling or consolidation of two pools, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of Wolfcamp and Penn gas production in the wellbore of its Anderson State "CS" Com. Well No. 1-Y located in Unit G of Section 14, and its Fordinkus State "HZ" Com. Well No. 1 located in Unit G of Section 22, both in Township 18 South, Range 24 East, or, in the alternative, the consolidation of the Fordinkus-Cisco Gas Pool and the Penasco Draw Permo-Penn Gas Pool into one Permo-Penn gas pool to include the above-described wells.

CASE 6920: Application of Yates Petroleum Corporation for a dual completion and unorthodox well location, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its 5 Mile Draw Federal Well No. 1 to produce from the Pennsylvanian and Abo formations thru the tubing and casing-tubing annulus, respectively; applicant also seeks approval for the unorthodox location of said well in the Abo formation 800 feet from the South line and 2100 feet from the East line of Section 34, Township 6 South, Range 25 East, the SE/4 of the section to be dedicated to the well.

CASE 6903: (Continued from May 21, 1980, Examiner Hearing)

Application of Harvey E. Yates Company for an unorthodox gas well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of a Pennsylvanian-Mississippian test well to be drilled 660 feet from the South line and 990 feet from the East line of Section 33, Township 13 South, Range 36 East, the S/2 of said Section 33 to be dedicated to the well.

CASE 6904: (Continued from May 21, 1980, Examiner Hearing)

Application of Harvey E. Yates Company for a unit agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the McDonald Unit Area, comprising 1,440 acres, more or less, of fee lands in Townships 13 and 14 South, Range 36 East.

CASE 6921: Application of Harvey E. Yates Company for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Wolfcamp-Mississippian formations underlying the S/2 of Section 33, Township 13 South, Range 36 East, to be dedicated to a well to be drilled at an unorthodox location 660 feet from the South and East lines of Section 33. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a charge for risk involved in drilling said well.

CASE 6922: Application of Harvey E. Yates Company for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Wolfcamp-Pennsylvanian formations underlying the E/2 of Section 24, Township 18 South, Range 28 East, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in drilling said well.

CASE 6923: Application of Harvey E. Yates Company for a unit agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the Cayton-Austin Unit Area, comprising 960 acres, more or less, of State and fee lands in Township 14 South, Range 36 East.

CASE 6924: Application of Caribou Four Corners, Inc. for two unorthodox oil well locations, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of two wells to be drilled, the first being 860 feet from the North line and 2090 feet from the West line, and the second being 910 feet from the North line and 395 feet from the West line, both in Section 13, Township 29 North, Range 15 West, Cha Cha-Gallup Oil Pool, the E/2 and the W/2, respectively, of the NW/4 of said Section 13 to be dedicated to the wells.

CASE 6925: Application of Caribou Four Corners, Inc. for two exceptions to Rule 306, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Rule 306 of the Division Rules and Regulations to permit the permanent flaring of gas from its Kirtland Wells Nos. 1 and 2, located in Units A and B, respectively, of Section 13, Township 29 North, Range 15 West.

CASE 6889: (Readvertised)

Application of Belco Petroleum Corporation for directional drilling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to directionally drill a well, the surface location of which is 1980 feet from the North line and 920 feet from the West line of Section 36, Township 22 South, Range 30 East, in such a manner as to bottom it at an unorthodox location within 660 feet of a point 1320 feet from the North line and 2640 feet from the West line of said Section 36 in the Morrow formation, the N/2 of said Section 36 to be dedicated to the well.

CASE 6896: (Continued from May 21, 1980, Examiner Hearing)

Application of John E. Schalk for a non-standard gas proration unit and an unorthodox gas well location, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval of a 160-acre non-standard Blanco Mesaverde gas proration unit comprising the NE/4 of Section 8, Township 25 North, Range 3 West, to be dedicated to his Gulf Well No. 2 to be drilled at an unorthodox location 1925 feet from the North line and 790 feet from the East line of said Section 8.

CASE 6926: In the matter of the hearing called by the Oil Conservation Division on its own motion for an order creating, contracting vertical limits, and extending horizontal limits of certain pools in Chaves, Eddy, and Lea Counties, New Mexico:

(a) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production and designated as the Arkansas Junction-Pennsylvanian Pool. The discovery well is Rex Alcorn Bobbi Well No. 1Y located in Unit J of Section 20, Township 18 South, Range 36 East, NMPM. Said pool would comprise:

TOWNSHIP 18 SOUTH, RANGE 36 EAST, NMPM
Section 20: SE/4

(b) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Delaware production and designated as the Avalon-Delaware Pool. The discovery well is MWJ Producing Company State GW Well No. 1 located in Unit K of Section 36, Township 20 South, Range 27 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM
Section 36: SW/4

(c) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Delaware production and designated as the East Durton-Delaware Pool. The discovery well is J. C. Williamson TOG Federal Well No. 1 located in Unit F of Section 16, Township 20 South, Range 29 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 29 EAST, NMPM
Section 16: NW/4

(d) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Strawn production and designated as the Dog Canyon-Strawn Gas Pool. The discovery well is Harvey E. Yates Company Gates Federal Deep Well No. 1 located in Unit P of Section 6, Township 17 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
Section 6: S/2

(e) CREATE a new pool in Chaves County, New Mexico, classified as an oil pool for San Andres production and designated as the South Double L-San Andres Pool. The discovery well is McClellan Oil Corporation Mark Federal Well No. 1 located in Unit I of Section 30, Township 15 South, Range 30 East, NMPM. Said pool would comprise:

TOWNSHIP 15 SOUTH, RANGE 30 EAST, NMPM
Section 30: SE/4

(f) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Grayburg production and designated as the Empire-Grayburg Gas Pool. The discovery well is Carl A. Schellinger West Federal Well No. 1 located in Unit G of Section 14, Township 17 South, Range 27 East, NMPM. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM
Section 14: NE/4

(g) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Morrow production and designated as the North Hume-Morrow Gas Pool. The discovery well is Bass Enterprises Production Company Bass 36 State Well No. 1 located in Unit E of Section 36, Township 15 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 15 SOUTH, RANGE 34 EAST, NMPM
Section 36: W/2

(h) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the Lusk-Atoka Gas Pool. The discovery well is Phillips Petroleum Company Lusk Deep Unit A Com Well No. 13 located in Unit K of Section 18, Township 19 South, Range 32 East, NMPM. Said pool would comprise:

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM
Section 18: S/2

(i) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Milepost-Morrow Gas Pool. The discovery well is Exxon Corporation Scheidt Federal Well No. 1 located in Unit L of Section 30, Township 26 South, Range 26 East, NMPM. Said pool would comprise:

TOWNSHIP 26 SOUTH, RANGE 25 EAST, NMPM
Section 36: N/2 N/2 and Lots 1, 2,
3, and 4

TOWNSHIP 26 SOUTH, RANGE 26 EAST, NMPM
Section 30: S/2
Section 31: N/2 NW/4 and Lots 3 and 4

(j) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Turkey Track-Atoka Gas Pool. The discovery well is Tenneco Oil Company State HL 11 Well No. 1 located in Unit N of Section 11, Township 19 South, Range 29 East, NMPM. Said pool would comprise:

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM
Section 10: E/2
Section 11: S/2

(k) CONTRACT the vertical limits of the East Grama Ridge-Bone Springs Pool to the interval from 10,472 feet to 10,900 feet as found on the type log for the Getty Oil Company State 35 Well No. 1 located in Unit X of Section 35, Township 21 South, Range 34 East, NMPM, and redesignate said pool as the East Grama Ridge-Lower Bone Springs Pool.

(l) EXTEND the Airstrip-Upper Bone Springs Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM
Section 25: W/2 SW/4
Section 26: SE/4

(m) EXTEND the Atoka-Yeso Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM
Section 33: NW/4 and N/2 S/2

(n) EXTEND the Brunson-Fusselman Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
Section 8: SE/4

(o) EXTEND the Buckeye-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM
Section 9: NW/4

(p) EXTEND the Burton Flat-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 26 EAST, NMPM
Section 13: W/2
Section 14: E/2

(q) EXTEND the Catclaw Draw-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 26 EAST, NMPM
Section 34: S/2

TOWNSHIP 21 SOUTH, RANGE 25 EAST, NMPM
Section 2: Lots 1 through 8

(r) EXTEND the Chaveroo-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 7 SOUTH, RANGE 32 EAST, NMPM
Section 34: NE/4

TOWNSHIP 8 SOUTH, RANGE 32 EAST, NMPM
Section 3: SW/4

- (a) EXTEND the Cinta Roja-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 35 EAST, NMPM
Section 4: All

- (c) EXTEND the South Corbin-Strawn Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM
Section 29: N/2
Section 30: N/2

- (u) EXTEND the South Corbin-Wolfcamp Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM
Section 28: W/2

- (v) EXTEND the Crooked Creek-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 24 EAST, NMPM
Section 8: S/2

- (w) EXTEND the South Empire-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM
Section 17: All

- (x) EXTEND the East Grama Ridge-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 34 EAST, NMPM
Section 12: W/2

- (y) EXTEND the Hat Mesa-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 32 EAST, NMPM
Section 10: W/2

- (z) EXTEND the Henshaw Queen-Grayburg-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM
Section 11: SW/4 SW/4
Section 14: S/2 and W/2 NW/4
Section 15: E/2 SE/4

- (aa) EXTEND the Hobbs-Drinkard Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 38 EAST, NMPM
Section 4: SE/4

- (bb) EXTEND the Indian Flats-Delaware Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM
Section 2: N/2 NE/4

- (cc) EXTEND the South Kemnitz Atoka-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM
Section 29: W/2

- (dd) EXTEND the Logan Draw-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM
Section 19: N/2 NE/4 and SE/4 NE/4

- (ee) EXTEND the Middle Lynch Yates-Seven Rivers Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM
Section 21: E/2 SW/4

(ff) EXTEND the Penasco Draw San Andres-Yeso Associated Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM
Section 31: SW/4

(gg) EXTEND the East Red Lake Queen-Grayburg Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM
Section 25: S/2 S/2
Section 26: S/2 SE/4 and SE/4 SW/4
Section 36: N/2 NW/4

(hh) EXTEND the North Shugart-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM
Section 17: S/2

(ii) EXTEND the Tomahawk-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 7 SOUTH, RANGE 31 EAST, NMPM
Section 25: SE/4

(jj) EXTEND the Turkey Track Seven Rivers-Queen-Grayburg Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM
Section 9: E/2 NE/4

(kk) EXTEND the North Vacuum-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM
Section 17: NW/4

(ll) EXTEND the Winchester-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM
Section 3: All

(mm) EXTEND the Winchester-Upper Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM
Section 30: W/2

Docket No. 18-80

DOCKET: EXAMINER HEARING - THURSDAY - JUNE 19, 1980

9 A.M. - OIL CONSERVATION DIVISION CONFERENCE ROOM,
STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

The following cases will be heard before Daniel S. Nutter, Examiner, or Richard L. Stamets, Alternate Examiner:

- ALLOWABLE:
- (1) Consideration of the allowable production of gas for July, 1980, from fifteen prorated pools in Lea, Eddy, and Chaves Counties, New Mexico.
 - (2) Consideration of the allowable production of gas for July, 1980, from four prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico.

A.J. LOSEE
JOEL M. CARSON
CHAD DICKERSON
DAVID R. VANDIVER

LAW OFFICES
LOSEE, CARSON & DICKERSON, P.A.
300 AMERICAN HOME BUILDING
P.O. DRAWER 239
ARTESIA, NEW MEXICO 88210



May 6, 1980

Mr. Joe D. Ramey, Director
Energy and Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Case 6920

Dear Mr. Ramey:

Enclosed for filing, please find three copies of the Application of Yates Petroleum Corporation for an Unorthodox Location and Dual Completion, Chaves County, New Mexico.

We ask that this case be set for hearing before an examiner and that you furnish us with a docket of said hearing.

Thank you.

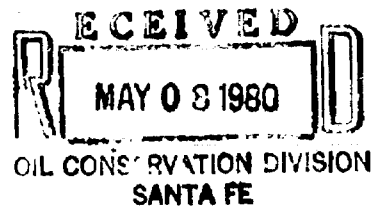
Sincerely yours,

LOSEE, CARSON & DICKERSON, P.A.

Chad Dickerson
Chad Dickerson

CD:pvm
Enclosures

cc: Yates Petroleum Corporation



BEFORE THE OIL CONSERVATION DIVISION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION :
OF YATES PETROLEUM CORPORATION :
FOR AN UNORTHODOX LOCATION AND :
DUAL COMPLETION, CHAVES COUNTY, :
NEW MEXICO :

CASE NO. 6920

APPLICATION

COMES NOW Yates Petroleum Corporation, by its attorneys, and in support hereof, respectfully states:

1. Applicant, as operator, has heretofore drilled its 5 Mile Draw Federal No. 1 Well, located 800 feet from the south line and 2,100 feet from the east line of Section 34, Township 6 South, Range 25 East, N.M.P.M., Chaves County, New Mexico. The well is not located within the boundaries of any established pool.

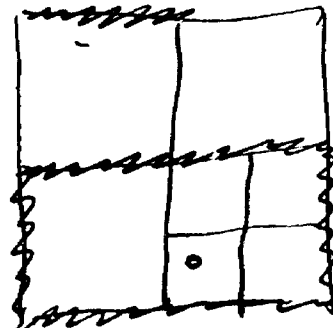
2. Applicant's well is presently completed in the Wildcat Penn through perforations between 4,908 feet and 4,916 feet, and applicant has dedicated S/2 Section 34 to its well.

3. Applicant desires to dually complete its well and produce the same in the Wildcat Penn and Wildcat Abo by producing the Abo through the casing-tubing annulus, through perforations from 3,564 to 3,840 feet, and to dedicate the SE/4 to such Abo production.

4. The above mentioned location should be approved for applicant's well in the Abo formation as set forth above.

WHEREFORE, applicant prays:

A. That this application be set for hearing before an examiner and that notice of said hearing be given as required by law.



B. That applicant be permitted to dually complete its well as set forth above.

C. That applicant's location be approved for completion of its well at an unorthodox location as aforesaid in the Abo formation, and that applicant be allowed to dedicate the SE/4 Section 34 to the well.

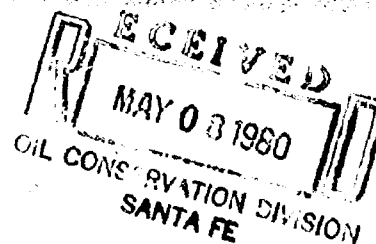
D. And for such other and further relief as may be just in the premises.

YATES PETROLEUM CORPORATION

By: 
Chad Dickerson

LOSEE, CARSON & DICKERSON, P.A.
P. O. Drawer 239
Artesia, New Mexico 88210

Attorneys for Applicant



BEFORE THE OIL CONSERVATION DIVISION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION :
OF YATES PETROLEUM CORPORATION :
FOR AN UNORTHODOX LOCATION AND :
DUAL COMPLETION, CHAVES COUNTY, :
NEW MEXICO :

CASE NO. 6920

APPLICATION

COMES NOW Yates Petroleum Corporation, by its attorneys, and in support hereof, respectfully states:

1. Applicant, as operator, has heretofore drilled its 5 Mile Draw Federal No. 1 Well, located 800 feet from the south line and 2,100 feet from the east line of Section 34, Township 6 South, Range 25 East, N.M.P.M., Chaves County, New Mexico. The well is not located within the boundaries of any established pool.

2. Applicant's well is presently completed in the Wildcat Penn through perforations between 4,908 feet and 4,916 feet, and applicant has dedicated S/2 Section 34 to its well.

3. Applicant desires to dually complete its well and produce the same in the Wildcat Penn and Wildcat Abo by producing the Abo through the casing-tubing annulus, through perforations from 3,564 to 3,840 feet, and to dedicate the SE/4 to such Abo production.

4. The above mentioned location should be approved for applicant's well in the Abo formation as set forth above.

WHEREFORE, applicant prays:

A. That this application be set for hearing before an examiner and that notice of said hearing be given as required by law.

B. That applicant be permitted to dually complete its well as set forth above.

C. That applicant's location be approved for completion of its well at an unorthodox location as aforesaid in the Abo formation, and that applicant be allowed to dedicate the SE/4 Section 34 to the well.

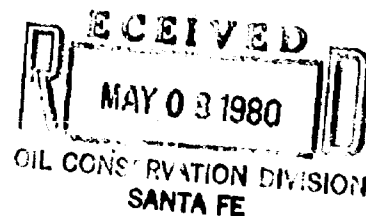
D. And for such other and further relief as may be just in the premises.

YATES PETROLEUM CORPORATION

By: Chad Dickerson
Chad Dickerson

LOSEE, CARSON & DICKERSON, P.A.
P. O. Drawer 239
Artesia, New Mexico 88210

Attorneys for Applicant



BEFORE THE OIL CONSERVATION DIVISION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION :
OF YATES PETROLEUM CORPORATION :
FOR AN UNORTHODOX LOCATION AND :
DUAL COMPLETION, CHAVES COUNTY, :
NEW MEXICO :

CASE NO. 6920

APPLICATION

COMES NOW Yates Petroleum Corporation, by its attorneys, and in support hereof, respectfully states:

1. Applicant, as operator, has heretofore drilled its 5 Mile Draw Federal No. 1 Well, located 800 feet from the south line and 2,100 feet from the east line of Section 34, Township 6 South, Range 25 East, N.M.P.M., Chaves County, New Mexico. The well is not located within the boundaries of any established pool.

2. Applicant's well is presently completed in the Wildcat Penn through perforations between 4,908 feet and 4,916 feet, and applicant has dedicated S/2 Section 34 to its well.

3. Applicant desires to dually complete its well and produce the same in the Wildcat Penn and Wildcat Abo by producing the Abo through the casing-tubing annulus, through perforations from 3,564 to 3,840 feet, and to dedicate the SE/4 to such Abo production.

4. The above mentioned location should be approved for applicant's well in the Abo formation as set forth above.

WHEREFORE, applicant prays:

A. That this application be set for hearing before an examiner and that notice of said hearing be given as required by law.

B. That applicant be permitted to dually complete its well as set forth above.

C. That applicant's location be approved for completion of its well at an unorthodox location as aforesaid in the Abo formation, and that applicant be allowed to dedicate the SE/4 Section 34 to the well.

D. And for such other and further relief as may be just in the premises.

YATES PETROLEUM CORPORATION

By: Chad Dickerson
Chad Dickerson

LOSEE, CARSON & DICKERSON, P.A.
P. O. Drawer 239
Artesia, New Mexico 88210

Attorneys for Applicant

ROUGH

dr/

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 6920

Order No. R- 6384

APPLICATION OF YATES PETROLEUM CORPORATION
FOR A DUAL COMPLETION AND UNORTHODOX WELL LOCATION,
CHAVES COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 o'clock a.m. on
June 4, 1980, at Santa Fe, New Mexico, before
Examiner Daniel S. Nutter.

NOW, on this day of June, 1980, the
Division Director, having considered the testimony, the record,
and the recommendations of the Examiner, and being fully advised
in the premises,

FINDS:

(1) That due public notice having been given as required by
law, the Division has jurisdiction of this cause and the subject
matter thereof.

(2) That the applicant, Yates Petroleum Corporation,
seeks authority to complete its 5 Mile Draw Federal "LX"
Well No. 1, located in Unit 0 of Section 34, Town-
ship 6 South, Range 25 East, NMPM, Chaves
County, New Mexico, as a dual completion (conventional) to
--(combination)
gas
produce gas from the from the Pennsylvanian and Abo formations
through the tubing and casing-tubing annulus, respectively and
gas from the Pennsylvanian formation through
2 7/8 inch tubing, with separation of the zones to be
withdrawn by means of a packer set at approximately 2100 feet.

(3) That the applicant also seeks approval for the unorthodox
location of said well in the Abo formation 800 feet from the South
line and 2100 feet from the East line of said Section 34.

(4) That the mechanics of the proposed dual completion are feasible and in accord with good conservation practices.

(5) That approval of the subject application will prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, Yates Petroleum Corporation, is hereby authorized to complete its 5 Mile Draw Federal "LX" Well No. 1, located in Unit of Section 34, Township 6 South, Range 25 East, NMPM, Chaves County, New Mexico, as a dual completion (conventional) ~~-(combination)-~~ ~~-(tubingless)-~~

^{gas}
~~oil~~ to produce ~~gas~~ ~~from the~~ ~~Pennsylvanian~~ and Abo formations through the ~~tubing~~ and casing-tubing annulus, ~~respectively~~ ^{and gas from} the Pennsylvanian formation through 2 7/8-inch tubing set in a packer located at approximately 4000 feet.

PROVIDED HOWEVER, that the applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A of the Division Rules and Regulations insofar as said rule is not inconsistent with this order;

PROVIDED FURTHER, that the applicant shall take packer leakage tests upon completion and annually thereafter during the Annual Gas Well Shut-In Pressure Test Period for Santheast New Mexico.

(2) That approval is hereby given for the unorthodox location of
(3) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

said well in the Abo formation 800 feet from the South line and 2100 feet from the East line of said Section 34, the SE/4 of the section to be dedicated to the well in the Abo.