

Sec : 35 Twp : 15S Rng : 36E Section Type : NORMAL

<p>D 40.00 Fee owned A</p>	<p>C 40.00 MI OPEN 03/31/00 A</p>	<p>B 40.00 CS E01075 0002 DEVON ENERGY PROD 11/12/56 A</p>	<p>A 40.00 CS E01075 0002 DEVON ENERGY PROD 11/12/56 A</p>
<p>E 40.00 CPR E01075 0002 DEVON ENERGY PROD 11/12/56 A A</p>	<p>F 40.00 CPR E01075 0002 DEVON ENERGY PROD 11/12/56 A</p>	<p>G 40.00 CS E01075 0002 DEVON ENERGY PROD 11/12/56 A</p>	<p>H 40.00 CS E01075 0002 DEVON ENERGY PROD 11/12/56 P</p>
<p>L 40.00 CPR E01075 0002 DEVON ENERGY PROD 11/12/56 A</p>	<p>K 40.00 CPR E01075 0002 DEVON ENERGY PROD 11/12/56 A</p>	<p>J 40.00 CS LG2252 0000 YATES PETROLEUM C 10/01/84 A A</p>	<p>I 40.00 CS LG2252 0000 YATES PETROLEUM C 10/01/84 A</p>
<p>M 40.00 Fee owned A</p>	<p>N 40.00 Fee owned A</p>	<p>O 40.00 CS LG2252 0000 YATES PETROLEUM C 10/01/84 A A</p>	<p>P 40.00 CS LG2252 0000 YATES PETROLEUM C 10/01/84</p>

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. 8503  
Order No. R-7870

APPLICATION OF YATES PETROLEUM  
CORPORATION FOR AN UNORTHODOX  
OIL WELL LOCATION, LEA COUNTY,  
NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8 a.m. on February 27, 1985 and on April 10, 1985, at Santa Fe, New Mexico, before Examiners Michael E. Stogner and Gilbert P. Quintana, respectively.

NOW, on this 10th day of April, 1985, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

- (1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.
- (2) The applicant, Yates Petroleum Corporation, seeks approval of an unorthodox oil well location for its Kochia "AAM" State Well No. 1 located 990 feet from the South line and 2310 feet from the East line (Unit O) of Section 35, Township 15 South, Range 36 East, NMPM, to test the Devonian formation, Dean-Devonian Pool, Lea County, New Mexico.
- (3) The SW/4 SE/4 of said Section 35 is to be dedicated to the well forming a standard 40-acre oil spacing and proration unit in the Dean-Devonian Pool.
- (4) A well at said unorthodox location will better enable applicant to produce the oil underlying the proration unit.

(5) No offset operator objected to the unorthodox location.

(6) Approval of the subject application will afford the applicant the opportunity to produce its just and equitable share of the oil in the affected pool, will prevent the economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and will otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED THAT:

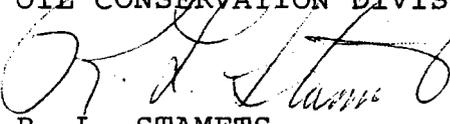
(1) The application of Yates Petroleum Corporation for an unorthodox oil well location for the Devonian formation is hereby approved for its Kochia "AAM" State Well No. 1 located at a point 990 feet from the South line and 2310 feet from the East line (Unit O) of Section 35, Township 15 South, Range 36 East, NMPM, Dean-Devonian Pool, Lea County, New Mexico.

(2) The SW/4 SE/4 of said Section 35 shall be dedicated to the above-described well.

(3) 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

  
R. L. STAMETS  
Director

S E A L

fd/

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.  
30-025-28905

5. Indicate Type of Lease  
STATE  FEE

6. State Oil & Gas Lease No.  
IG-2252

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE 'APPLICATION FOR PERMIT' (FORM C-101) FOR SUCH PROPOSALS.)



7. Lease Name or Unit Agreement Name  
Kochia AAM State

Type of Well:  
Oil Well  GAS Well  OTHER

8. Well No.  
1

Name of Operator  
YATES PETROLEUM CORPORATION

9. Pool name or Wildcat  
Dean Devonian

Address of Operator  
105 South Fourth Street - Artesia, NM 88210

Well Location  
Unit Letter 0 : 990 Feet From The South Line and 2310 Feet From The East Line

Section 35 Township 15S Range 36E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)  
3855.1' GR

1. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: Abandon perforations <input checked="" type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

12-29-93 - Moved in and rigged up pulling unit. POOH with subpump and cable. RIH with retrieving tool. Picked up 2-7/8" tubing. Catch RBP at 13656' - open K valve. Equalize. POOH. Shut down for night.

12-30-93 - TIH w/4-3/4" OD string mill, and drill collars. Milled DV tool at 12834'. POOH. Laydown drill collars and mill. Shut down for night.

12-31-93 - RIH w/4-3/4" bit to 13710.53'. POOH. Shut down for night.

1-3-94 - Rig up wireline. RIH w/4-3/4" gauge ring and junk basket. POOH. RIH w/CIBP and set at 13654'. Dumped 4' of cement on top of CIBP. Shut down for 48 hours.

1-5-94 - TIH w/5-1/2" 17# Uni V packer. Tag cement top at 13650'. Set packer at 13643'. Tested to 1000 psi for 15 minutes, OK. Swabbed to seating nipple. POOH.

1-6-94 - Returned to production from perforations 13594-13598'.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Rusty Klein TITLE Production Clerk DATE 8-2-94

TYPE OR PRINT NAME Rusty Klein TELEPHONE NO. 505-748-1471

(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Submit 3 Copies  
Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.  
30-025-28905

5. Indicate Type of Lease  
STATE  FEE

6. State Oil & Gas Lease No.  
IG-2252

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name  
Kochia AAM State

Type of Well:  
OIL WELL  GAS WELL  OTHER

8. Well No.  
1

Name of Operator  
YATES PETROLEUM CORPORATION

9. Pool name or Wildcat  
Dean Devonian

Address of Operator  
105 South Fourth Street - Artesia, NM 88210

Well Location  
Unit Letter 0 : 990 Feet From The South Line and 2310 Feet From The East Line

Section 35 Township 15S Range 36E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)  
3855.1' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: Add perms. & acidize <input checked="" type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

7-23-93 - Ran 4.624" OD gauge ring and junk basket. Set down at 12800' (DV tool). Could not get thru. TOOH...TIH w/logging tool 1-3/8" OD. Logged from 13675-12000' with thermal decay time log. Rigged down wireline. TIH w/tubing open ended. Nipped down BOP. Flanged up wellhead.

7-27-93 - Moved in and rigged up pulling unit.

7-28-93 - TOOH with tubing. TIH w/20-23# Uni V packer. Picked up 4400' of 2-7/8" N-80 tubing. Set packer at 13630'. Loaded annulus with 25 bbls. Pressured to 1000#. Bled off 300# in 3 minutes. Load tubing. Injection rate into perms 13672-13676' 3 BPM at 600#. Dropped standing valve. Tested tubing to 2000#. Fished standing valve. Released packer. Pulled up to 11380'. Set packer. Loaded annulus and tested to 2000#. Released packer.

7-29-93 - TOH with packer. TIH w/packer and RBP. Straddle squeeze perforations 11499-11686'. Pressured to 1000#. Bled off 300# in 1 minute. Pressured to 1500#. Bled off 750# in 2 minutes. Leaking in squeeze holes. Moved tools and set RBP at 13660'. Tested to 1500#. Set packer at 11800'. Tested casing from 11800-13660' to 1500 psi. Released packer. TOOH.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Rusty Klein TITLE Production Clerk DATE Dec. 30, 1993

TYPE OR PRINT NAME Rusty Klein TELEPHONE NO. 505-748-1471

(This space for State Use) ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR

JAN 05 1994

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

# OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO: 30-025-28905
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. IG-2252
7. Lease Name or Unit Agreement Name Kochia AAM State
8. Well No. 1
9. Pool name or Wildcat Dean Devonian

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:  
 OR. WELL  GAS WELL  OTHER

2. Name of Operator  
YATES PETROLEUM CORPORATION

3. Address of Operator  
105 South Fourth Street - Artesia, NM 88210

4. Well Location  
Unit Letter 0 : 990 Feet From The South Line and 2310 Feet From The East Line

Section 35 Township 15S Range 36E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)  
3855.1' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

<b>NOTICE OF INTENTION TO:</b>	<b>SUBSEQUENT REPORT OF:</b>
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: Add perms & acidize <input checked="" type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

7-30-93 - WIH and perforated 13594-13598' w/16 .42" holes (4 SPF). TIH w/5-1/2" Uni V 10K packer. Spot acid. Pulled up. Nippled down BOP. Nippled up tree. Reverse 15 bbls. Set packer at 13500'. Pressured casing to 1500 psi. Loaded tubing. Pump into perms. at 5200#. Acidized perforations 13594-13598' with 500 gallons 15% NEFE acid. Released packer. Reset. Tried to pressure casing and circulated up tubing. Released packer. Nippled down tree. Nippled up BOP. TOOH with packer. TIH w/packer. Set at 13500'. Tested to 1000#. Nippled down BOP. Nippled up tree. Swabbed.

7-31-93.- Ran sub pump. Returned to production.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Rusty Klein TITLE Production Clerk DATE Dec. 30, 1993

TYPE OR PRINT NAME Rusty Klein TELEPHONE NO. 505-748-1471

(This space for State Use)

**ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR**

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.  
30-025-28905

5. Indicate Type of Lease  
STATE  FEE

6. State Oil & Gas Lease No.  
IG-2252

7. Lease Name or Unit Agreement Name  
Kochia AAM State

8. Well No.  
1

9. Pool name or Wildcat  
Dean Devonian

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:  
OIL WELL  GAS WELL  OTHER

2. Name of Operator  
YATES PETROLEUM CORPORATION

3. Address of Operator  
105 South Fourth Street - Artesia, NM 88210

4. Well Location  
Unit Letter 0 : 990 Feet From The South Line and 2310 Feet From The East Line

Section 35 Township 15S Range 36E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)  
3855.1' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

**NOTICE OF INTENTION TO:**

PERFORM REMEDIAL WORK  PLUG AND ABANDON   
TEMPORARILY ABANDON  CHANGE PLANS   
PULL OR ALTER CASING   
OTHER:

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK  ALTERING CASING   
COMMENCE DRILLING OPNS.  PLUG AND ABANDONMENT   
CASING TEST AND CEMENT JOB   
OTHER:

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Amend sundry notice dated July 26, 1993, and approved by OCT (Paul Kautz) August 3, 1993. Approval to change procedure was received by Darrick Stallings on 12-30-93 from Paul Kautz. Propose to mill out DV tool at 12780' and abandon perforations 13672-676' and return well to production as follows:

1. Move in and rig up. Nipple down tree and nipple up and test BOP. POOH with tubing, cable and ESP.
2. RIH w/retrieving tool and POOH with RBP from 13656'.
3. Rig up power swivel and RIH w/4-3/4" string mill. Mill out DV tool at 12780' to 4-3/4". POOH with mill.
4. RIH w/4-3/4" bit to PBSD at 13680' to make sure wellbore is clear. POOH with bit.
5. RIH w/4-3/4" gauge ring to PBSD. RIH w/CIBP and set at 13670'. Dump cement (15') on top of CIBP. Keep TOC below 13650'.
6. RIH w/tubing and packer. Tag top of plug and pressure test to 2000#.
7. RRIH w/ESP, cable and tubing. Return well to production from perms. 13594-13598'.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Rusty Klein TITLE Production Clerk DATE Dec. 30, 1993  
TYPE OR PRINT NAME Rusty Klein TELEPHONE NO. 505-748-1471

(This space for State Use)

**ORIGINAL SIGNED BY JERRY SEXTON**  
**DISTRICT I SUPERVISOR**

**JAN 05 1994**

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

COPIES OF APPROVAL (ANY)

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, New Mexico 87504-2088

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. LG-2252
7. Lease Name or Unit Agreement Name Kochia AAM State
8. Well No. 1
9. Pool name or Wildcat Dean Devonian
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3855.1' GR

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>
2. Name of Operator YATES PETROLEUM CORPORATION
3. Address of Operator 105 South 4th St., Artesia, NM 88210
4. Well Location Unit Letter 0 : 990 Feet From The South Line and 2310 Feet From The East Line Section 35 Township 15S Range 36E NMPM Lea County

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: Abandon current interval & add perms. higher in Devonian <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

We propose to abandon the current Devonian perforations 13672-13676' and add pay higher in the Devonian from 13642-13646' and 13594-13598' as follows:

1. Move in and rig up. Nipple down tree and nipple up and test BOP. TOOH w/tubing.
2. Squeeze off perforations 13672-13676' with cement retainer. Will set retainer as low as possible in order to maximize remaining rathole.
3. RIH w/casing gun and perforate 13642-13646' and 13594-13598' with 4 SPF.
4. RIH w/RBP and packer.
5. Isolate and acidize perforations 13594-13598' w/500 gallons 15% NEFE HCL acid. Swab test. Based on results of swab test, will decide whether to produce both sets of new perms or just the upper perms.
6. If decision is made to produce both zones, will isolate and acidize perms. 13642-13646' with 500 gallons 15% NEFE HCL acid.
7. Move packer above perms and swab well.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Kusty Klein TITLE Production Clerk DATE July 26, 1993

TYPE OR PRINT NAME Kusty Klein TELEPHONE NO. 505/748-1471

(This space for State Use)

APPROVED BY Paul Kautz Geologist TITLE \_\_\_\_\_ DATE AUG 03 1993

CONDITIONS OF APPROVAL, IF ANY:

DL  
CG  
PP  
OK  
LIS  
PIC  
SD

OIL CONSERVATION DIVISION  
P. O. BOX 7000  
SANTA FE, NEW MEXICO 87501

46500

Oil	
Gas	
Condensate	
Other	
Water	
Sludge	
Sand	
Clay	
Other	

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

**Yates Petroleum Corporation**  
Address

105 South 4th St., Artesia, NM 88210

Reason(s) for filing (Check proper box)

New Well  Change in Transporter of:  
 Completion  Oil  Dry Gas   
 Change in Ownership  Casinghead Gas  Condensate

Other (Please explain): EFFECTIVE JULY 1, 1988

change of ownership give name and address of previous owner

**DESCRIPTION OF WELL AND LEASE**

Lease Name Kochia AAM State	Well No. 1	Pool Name, including Formation Dean Devonian	Kind of Lease State, Federal or Fee State	Lease No. LG-2252
--------------------------------	---------------	---	---	----------------------

Location  
Unit Letter 0 ; 990 Feet From The South Line and 2310 Feet From The East  
Line of Section 35 Township 15S Range 36E, NMPM, Lea County

**DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS**

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Texas-New Mexico Pipeline Co.	Address (Give address to which approved copy of this form is to be sent) Box 2528, Hobbs, NM 88240
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Warren Petroleum Co.	Address (Give address to which approved copy of this form is to be sent) Box 1589, Tulsa, OK 74101

If well produces oil or liquids, give location of tanks. Unit 0, Sec. 35, Twp. 15S, Rge. 36E  
 Is gas actually connected? Yes When 6-20-88

If this production is commingled with that from any other lease or pool, give commingling order number:

**COMPLETION DATA**

Designate Type of Completion - (X) Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> New Well <input type="checkbox"/> Workover <input type="checkbox"/> Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/> Same Rest'v. <input type="checkbox"/> Diff. Rest'v. <input type="checkbox"/>
Date Spudded	Date Compl. Ready to Prod.
Elevations (DF, RKH, RT, LH, etc.)	Name of Producing Formation
Perforations	Top Oil/Gas Flow
	Tubing Depth
	Depth Casing Shoe

**TUBING, CASING, AND CEMENTING RECORD**

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

**TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL** (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)
Length of Test	Tubing Pressure	Casing Pressure
Actual Prod. During Test	Oil-llbls.	Water-llbls.
		Gas-MCF

**AS WELL**

Actual Prod. Test-MCF/D	Length of Test	llbls. Condensate/MCF	Gravity of Condensate
Testing Method (spit, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

**CERTIFICATE OF COMPLIANCE**

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

*[Signature]*  
Production Supervisor  
7-7-88

**OIL CONSERVATION DIVISION**

APPROVED \_\_\_\_\_, 19\_\_

BY \_\_\_\_\_

TITLE \_\_\_\_\_

This form is to be filed in compliance with RULE 1100.  
 If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.  
 All portions of this form must be filled out completely for allowable on new and recompleted wells.  
 Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

OIL CONSERVATION DIVISION

P. O. BOX 2086  
SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

NO. OF WELLS	
FORMATION	
AREA	
NO.	
F.O.D.	
AND OF P.M.F.	
RESPONSIBLE	
OPERATION	
ADDRESS OF OPERATOR	

Yates Petroleum Corporation

Address

105 South 4th St., Artesia, NM 88210

Reason(s) for filing (Check proper box)

New Well   
 Recombination   
 Change in Ownership

Change in Transporter of:  
 Oil  Dry Gas   
 Casinghead Gas  Condensate

Other (Please explain)

CASINGHEAD GAS CONNECTION.

change of ownership give name  
 and address of previous owner

DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, including Formation	Kind of Lease	Lease No.
Kochia AAM State	1	Dean Devonian	State, Federal or Fee State	LG 2252

Location

Unit Letter 0 : 990 Feet From The South Line and 2310 Feet From The East

Line of Section 35 Township 15S Range 36E NMPM, Lea County

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil  or Condensate   
 Navajo Refg. Co. Address (Give address to which approved copy of this form is to be sent)  
 PO Box 159, Artesia, NM 88210

Name of Authorized Transporter of Casinghead Gas  or Dry Gas   
 Warren Petroleum Co. Address (Give address to which approved copy of this form is to be sent)  
 PO Box 1589, Tulsa, OK 74101

Does well produce oil or liquids, give location of tanks. Unit 0 Sec. 35 Twp. 15s Rge. 36e Is gas actually connected? When 6-20-88  
 Yes

Is this production being commingled with that from any other lease or pool, give commingling order number

COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Some Other	Diff. Reat.
<input checked="" type="checkbox"/>								
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Interventions (DP, RKH, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Corrosions						Depth Casing Shoe		

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

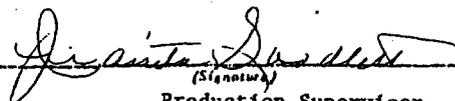
Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

AS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (pencil, back pr.)	Tubing Pressure ( shut-in )	Casing Pressure ( shut-in )	Choke Size

CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

  
 Production Supervisor  
 6-20-88

OIL CONSERVATION DIVISION

APPROVED JUN 20 1988  
 BY Paul Kautz  
 Geologist

TITLE \_\_\_\_\_  
 This form is to be filed in compliance with N.M.C. 19-1-102.  
 If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with N.M.C. 19-1-103.  
 All sections of this form must be filled out completely for allowable on new and recompleted wells.  
 Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.  
 Separate Form C-104 must be filed for each pool in multiple

OIL CONSERVATION DIVISION  
P. O. BOX 7088  
SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

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TRANSPORTER OIL	
OR GAS	
OPERATION	
PRODUCTION OFFICE	

1. CREATOR  
**Yates Petroleum Corporation**

Address  
**207 South 4th St., Artesia, NM 88210**

Reason(s) for filing (Check proper box)

New Well	<input checked="" type="checkbox"/>	Change in Transporter of:	Oil	<input type="checkbox"/>	Dry Gas	<input type="checkbox"/>	Other (Please explain) <b>Request test allowable of 3500 bbls for February 1985. Perforations 13672-13676'</b>
Recompletion	<input type="checkbox"/>	Casinghead Gas	<input type="checkbox"/>	Condensate	<input type="checkbox"/>		
Change in Ownership	<input type="checkbox"/>						

If change of ownership give name and address of previous owner

2. DESCRIPTION OF WELL AND LEASE

Lease Name <b>Kochia AAM State</b>	Well No. <b>1</b>	Pool Name, including Formation <b>Dean Devonian</b>	Kind of Lease State, Federal or Fee <b>State</b>	Lease No. <b>LG 2252</b>
Location				
Unit Letter <b>0</b>	<b>990</b>	Feet From The <b>South</b>	Line and <b>2310</b>	Feet From The <b>East</b>
Line of Section <b>35</b>	Township <b>15S</b>	Range <b>36E</b>	NMPM, <b>Lea</b>	County

3. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> <b>Navajo Refining Co.</b>	Address (Give address to which approved copy of this form is to be sent) <b>PO Box 159, Artesia, NM 88210</b>
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When
	<b>0 35 15S 36E No</b>

If this production is commingled with that from any other lease or pool, give commingling order number:

4. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
Perforations	Depth Casing Shoe							
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SCT	SACKS CEMENT					

5. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shot-in)	Casing Pressure (Shot-in)	Choke Size

6. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

  
(Signature)

Production Supervisor

(Title)  
2-6-85

(Date)

OIL CONSERVATION DIVISION

APPROVED **FEB 12 1985**, 19

BY **Eddie W. Seay**

Oil & Gas Inspector

TITLE

This form is to be filed in compliance with RULE 1102.  
If this is a request for Allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.  
All sections of this form must be filled out completely for allowable on new and recompleted wells.  
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.  
Separate Form C-104 must be filed for each pool in multiple completed wells.

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

NO. OF COPIES DESIRED	
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TRANSPORTER	
OIL	
GAS	
OPERATION	
PROMOTION OFFICE	
OPERATOR	

Operator: Yates Petroleum Corporation

Address: 207 South 4th St., Artesia, NM 88210

Reason(s) for filing (Check proper box)

New Well	<input checked="" type="checkbox"/>	Change in Transporter of:	
Recompletion	<input type="checkbox"/>	Oil	<input type="checkbox"/>
Change in Ownership	<input type="checkbox"/>	Condensate	<input type="checkbox"/>
		Dry Gas	<input type="checkbox"/>
		Casinghead Gas	<input type="checkbox"/>

UNLESS AN EXCEPTION TO R-4070 IS OBTAINED.

If change of ownership give name and address of previous owner \_\_\_\_\_

DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, including Formation	Kind of Lease	Lease No.
<u>Kochia AAM State</u>	<u>1</u>	<u>Dean Devonian</u>	<u>State, Federal or Fee State</u>	<u>IG 2252</u>
Location				
Unit Letter	<u>0</u>	<u>990</u> Feet From The <u>South</u> Line and <u>2310</u> Feet From The <u>East</u>		
Line of Section	<u>35</u>	Township <u>15S</u>	Range <u>36E</u>	County <u>Lea</u>

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
<u>Navajo Refining Co.</u>	<u>PO Box 159, Artesia, NM 88210</u>					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
	<u>0</u>	<u>35</u>	<u>15s</u>	<u>36e</u>	<u>NO</u>	

If this production is commingled with that from any other lease or pool, give commingling order number: \_\_\_\_\_

COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
<u>X</u>	<u>X</u>		<u>X</u>					
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
<u>9-21-84</u>	<u>11-12-84</u>	<u>13800'</u>	<u>13719'</u>					
Elevations (DF, RKB, RT, CR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
<u>3855.1' GR</u>	<u>Devonian</u>	<u>13672'</u>	<u>13604'</u>					
Perforations	Depth Casing Shoe							
<u>13672-13676'</u>	<u>13800'</u>							

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
<u>17-1/2"</u>	<u>13-3/8"</u>	<u>404'</u>	<u>435</u>
<u>11"</u>	<u>8-5/8"</u>	<u>4922'</u>	<u>2350</u>
<u>7-7/8"</u>	<u>5-1/2"</u>	<u>13800'</u>	<u>1600</u>
	<u>2-7/8"</u>	<u>13604'</u>	

TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
<u>1-16-85</u>	<u>1-28-85</u>	<u>Flowing</u>	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
<u>24 hrs</u>	<u>150#</u>	<u>Pkr</u>	<u>1/2"</u>
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF
<u>475</u>	<u>450</u>	<u>25</u>	<u>12</u>

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (prior, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

1. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Jerry Sexton  
(Signature)  
Production Supervisor  
(Title)  
1-30-85  
(Date)

OIL CONSERVATION DIVISION  
APR 17 1985  
APPROVED \_\_\_\_\_, 19\_\_\_\_  
BY ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR

TITLE \_\_\_\_\_

This form is to be filed in compliance with RULE 1104.  
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.  
All sections of this form must be filled out completely for allowable on new and recompleted wells.  
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.  
Separate Forms C-104 must be filed for each pool in multiply completed wells.

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-78

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LAND OFFICE		
OPERATOR		

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>	
5. State Oil & Gas Lease No. LG 2252	
7. Unit Agreement Name	
8. Farm or Lease Name Kochia "AAM" State	
9. Well No. 1	
10. Field and Pool, or Whdeat Dean Permo Penn	
12. County Lea	

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-103) FOR SUCH PROPOSALS.)

1. OIL WELL  GAS WELL  OTHER- \_\_\_\_\_

2. Name of Operator  
Yates Petroleum Corporation

3. Address of Operator  
207 South 4th St., Artesia, NM 88210

4. Location of Well  
UNIT LETTER 0 . 990 FEET FROM THE South LINE AND 2310 FEET FROM  
THE East LINE, SECTION 35 TOWNSHIP 15S RANGE 36E N.M.P.M.

15. Elevation (Show whether DF, RT, GR, etc.)  
3855.1' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER Perforate, Swab <input checked="" type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

TD 13800'. WIH and perforated 13672- 76' w/12 .42" holes (3 SPF).  
Swabbed well down. Well started flowing 5:00 PM 1-16-85.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Jerry Sexton TITLE Production Supervisor DATE 1-17-85

APPROVED BY JERRY SEXTON TITLE DISTRICT SUPERVISOR DATE JAN 21 1985

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

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PRODUCTION OFFICE	
Operator	

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator  
**Yates Petroleum Corporation**

Address  
**207 South 4th St., Artesia, NM 88210**

Reason(s) for filing (Check proper box)  
 New Well  Change in Transporter of: Oil  Dry Gas   
 Recompletion  Casinghead Gas  Condensate   
 Change in Ownership

Other (Please explain)  
**Request test allowable - 2000 barrels Perforations - 13672-13676'**

If change of ownership give name and address of previous owner \_\_\_\_\_

DESCRIPTION OF WELL AND LEASE

Lease Name <b>Kochia "AAM" State</b>	Well No. <b>1</b>	Pool Name, including Formation <b>Dean Permo Penn</b>	Kind of Lease State, Federal or Free <b>State</b>	Lease No. <b>LG-2252</b>
Location Unit Letter <b>0</b> ; <b>990</b> Feet From The <b>South</b> Line and <b>2310</b> Feet From The <b>East</b> Line of Section <b>35</b> Township <b>15S</b> Range <b>36E</b> , NMPM, <b>Lea</b> County				

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil  or Condensate   
**Navajo Refining Co.** Address (Give address to which approved copy of this form is to be sent)  
**P.O. Box 159, Artesia, NM 88210**

Name of Authorized Transporter of Casinghead Gas  or Dry Gas  Address (Give address to which approved copy of this form is to be sent)  
\_\_\_\_\_

If well produces oil or liquids, give location of tanks. Unit **0** Sec. **35** Twp. **15s** Rge. **36e** Is gas actually connected? **No** When \_\_\_\_\_

If this production is commingled with that from any other lease or pool, give commingling order number: \_\_\_\_\_

COMPLETION DATA

Designate Type of Completion - (X) Oil Well Gas well New Well Workover Deepen Plug Back Same Rest. Diff. Rest.

Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth
Perforations			Depth Casing Shoe

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top oil-able for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

TEST WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (spiral, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

CERTIFICATE OF COMPLIANCE

hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

  
(Signature)  
**Production Supervisor**  
(Title)  
**1-17-85**  
(Date)

OIL CONSERVATION DIVISION

APPROVED **JAN 21 1985** 19  
BY **ORIGINAL SIGNED BY JERRY SEXTON**  
**DISTRICT SUPERVISOR**

TITLE \_\_\_\_\_

This form is to be filed in compliance with RULE 111.  
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.  
All sections of this form must be filled out completely for allowable on new and recompleted wells.  
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.  
Separate Form C-104 must be filed for each pool in multiply completed wells.

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-102  
Revised 10-1-78

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LAND OFFICE		
OPERATOR		

3a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>	
3. State Oil & Gas Lease No. LG 2252	
7. Unit Agreement Name	
8. Farm or Lease Name Kochia "AAM" State	
9. Well No. 1	
10. Field and Pool, or Wildcat Dean Permo Penn	
15. Elevation (Show whether DF, RT, GR, etc.) 3855.1' GR	12. County Lea

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPLY OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL  GAS WELL  OTHER-

Name of Operator  
Yates Petroleum Corporation

Address of Operator  
207 South 4th St., Artesia, NM 88210

Location of Well  
UNIT LETTER 0 990 FEET FROM THE South LINE AND 2310 FEET FROM  
THE East LINE, SECTION 35 TOWNSHIP 15S RANGE 36E NMPM.

**Check Appropriate Box To Indicate Nature of Notice, Report or Other Data**

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
NULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <u>Progress Report</u> <input checked="" type="checkbox"/>

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

1-3-85. TD 13800'. Squeezed perforations 11499-11508' w/75 sacks Class H .3% CFR-2, 4% Halad-9. Squeezed to 5000 psi. Pressure tested to 1000 psi.  
1-6-85. Drilled cement 11389-11570'.  
1-8-85. Drilled cement 11570-11578'.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Jerry Sexton TITLE Production Supervisor DATE 1-9-85

ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR

PROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE JAN 14 1985

CONDITIONS OF APPROVAL, IF ANY:

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

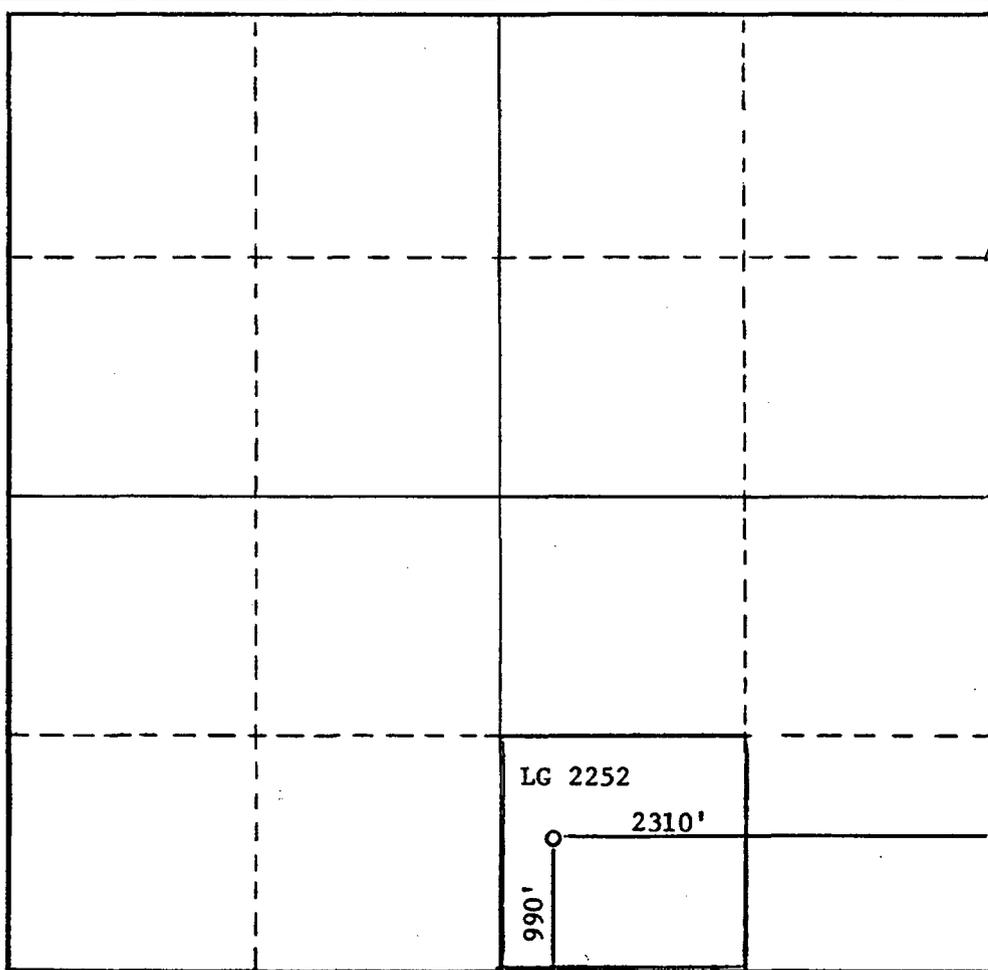
Operator <b>Yates Petroleum Corporation</b>			Lease <b>Kochia "AAM" State</b>		Well No. <b>1</b>
Unit Letter <b>0</b>	Section <b>35</b>	Township <b>15 South</b>	Range <b>36 East</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>990</b> feet from the <b>South</b> line and <b>2310</b> feet from the <b>East</b> line					
Ground Level Elev. <b>3855.1</b>	Producing Formation <b>Devonian</b>		Pool <b>Dean Devonian</b>		Dedicated Acreage: <b>40</b> Acres

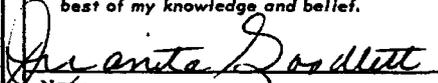
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes     No    If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



<b>CERTIFICATION</b>	
<i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>	
	
Name <b>Juanita Goodlett</b>	
Position <b>Production Supervisor</b>	
Company <b>Yates Petroleum Corporation</b>	
Date <b>1-30-85</b>	
<i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</i>	
<b>Refer to original plat</b>	
Date Surveyed <b>dated 9-3-84</b>	
Registered Professional Engineer and/or Land Surveyor	
Certificate No.	

OIL CONSERVATION DIVISION

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
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FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease  
State  Fee

5. State Oil & Gas Lease No.  
LG 2252

1a. TYPE OF WELL  
OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_

b. TYPE OF COMPLETION  
NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF. RESVR.  OTHER \_\_\_\_\_

7. Unit Agreement Name

8. Farm or Lease Name  
Kochia AAM State

2. Name of Operator  
Yates Petroleum Corporation

9. Well No.  
1

3. Address of Operator  
207 South 4th St., Artesia, NM 88210

10. Field and Pool, or Wildcat  
Dean Devonian

4. Location of Well  
UNIT LETTER 0 LOCATED 990 FEET FROM THE South LINE AND 2310 FEET FROM  
THE East LINE OF SEC. 35 TWP. 15S RGE. 36E NMPM

12. County  
Lea

15. Date Spudded 9-21-84 16. Date T.D. Reached 11-12-84 17. Date Compl. (Ready to Prod.) 1-28-85 18. Elevations (DF, RKB, RT, GR, etc.) 3855.1' GR 19. Elev. Casinghead

20. Total Depth 13800' 21. Plug Back T.D. 13719' 22. If Multiple Compl., How Many \_\_\_\_\_ 23. Intervals Drilled By: Rotary Tools 0-13800' Cable Tools \_\_\_\_\_

24. Producing Interval(s), of this completion - Top, Bottom, Name  
13672-76' Devonian

25. Was Directional Survey Made  
No

26. Type Electric and Other Logs Run  
CNL/FDC; DLL

27. Was Well Cored  
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5#	404'	17-1/2"	435 SX	
8-5/8"	32#	4922'	11"	2350 SX	
5-1/2"	17#	13800'	7-7/8"	1600 SX	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	13604'	13604'

31. Perforation Record (Interval, size and number)  
13672-76' w/12 .42" Holes (3 SPF)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<u>13672-76'</u>	<u>w/400 gals 15% Spearhead acid.</u>

33. PRODUCTION

Date First Production 1-16-85 Production Method (*Flowing, gas lift, pumping - Size and type pump*) Flowing Well Status (*Prod. or Shut-in*) Producing

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas-Oil Ratio
<u>1-28-85</u>	<u>24</u>	<u>1/2"</u>	<u>450</u>	<u>5</u>	<u>25</u>	<u>11/1</u>	

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
<u>150#</u>	<u>Pkz</u>	<u>450</u>	<u>5</u>	<u>25</u>	<u>49.5°</u>	

34. Disposition of Gas (*Sold, used for fuel, vented, etc.*) Vented Test Witnessed By Ed Perry

35. List of Attachments  
Deviation Survey; DST's

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED [Signature] TITLE Production Supervisor DATE 1-30-85

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

### INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico				Northwestern New Mexico			
Rustler	2036	T. Canyon	10956	T. Ojo Alamo	_____	T. Penn. "B"	_____
T. Anhy	_____	T. Strawn	11420	T. Kirtland-Fruitland	_____	T. Penn. "C"	_____
T. Salt	_____	T. Atoka	11730	T. Pictured Cliffs	_____	T. Penn. "D"	_____
B. Salt	_____	T. Miss	12697	T. Cliff House	_____	T. Leadville	_____
T. Yates	3187	T. Devonian	13592	T. Menefee	_____	T. Madison	_____
T. 7 Rivers	_____	T. Silurian	_____	T. Point Lookout	_____	T. Elbert	_____
T. Queen	4066	T. Montoya	_____	T. Mancos	_____	T. McCracken	_____
T. Grayburg	_____	T. Simpson	_____	T. Gallup	_____	T. Ignacio Qtzte	_____
T. San Andres	4862	T. McKee	_____	Base Greenhorn	_____	T. Granite	_____
T. Glorieta	6516	T. Ellenburger	_____	T. Dakota	_____	T. _____	_____
T. Paddock	_____	T. Gr. Wash	_____	T. Morrison	_____	T. _____	_____
T. Blinebry	_____	T. Granite	_____	T. Todilto	_____	T. _____	_____
T. Tubb	Fullerton 7652	T. Delaware Sand	_____	T. Entrada	_____	T. _____	_____
T. Drinkard	_____	T. Bone Springs	_____	T. Wingate	_____	T. _____	_____
T. Abo	8400	T. Virgilian	10576	T. Chinle	_____	T. _____	_____
T. Wolfcamp	LS 9720	T. Morrow LS	12234	T. Permian	_____	T. _____	_____
T. Penn.	_____	T. _____	_____	T. Penn. "A"	_____	T. _____	_____
T. Cisco (Bough C)	_____	T. _____	_____	T. _____	_____	T. _____	_____

### OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....	No. 4, from.....to.....
No. 2, from.....to.....	No. 5, from.....to.....
No. 3, from.....to.....	No. 6, from.....to.....

### IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....	feet.....
No. 2, from.....to.....	feet.....
No. 3, from.....to.....	feet.....
No. 4, from.....to.....	feet.....

### FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	85	85	Surface, Redbeds	13460	13670	210	Lime, Shale, Dolo, Sand
85	1609	1524	Redbeds	13670	13800	130	Dolomite, Lime, Shale
1609	2739	1130	Redbeds, Anhydrite				
2739	4020	1281	Anhydrite, Salt				
4020	5010	990	Shale, Anhydrite, Dolo.				
5010	5700	690	Dolomite, Anhydrite				
5700	6550	850	Dolomite				
6550	7100	550	Dolomite, Sand				
7100	8450	1350	Dolomite				
8450	9000	550	Dolomite, Shale, Anhy.				
9000	9380	380	Dolomite, Lime, Shale				
9380	9680	300	Dolomite, Shale, Anhy.				
9680	11460	1780	Lime, Dolo, Shale, Chert				
11460	12800	1340	Lime, Shale, Sand				
12800	13460	660	Lime, Shale				

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-78

NO. OF COPIES RECEIVED		
DISTRIBUTION		
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LAND OFFICE		
OPERATOR		

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>	
5. State Oil & Gas Lease No. LG 2252	
7. Unit Agreement Name	
8. Farm or Lease Name Kochia AAM State	
9. Well No. 1	
10. Field and Pool, or WHdcat Dean Devonian	
12. County Lea	

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1.  OIL WELL  GAS WELL  OTHER-

2. Name of Operator  
Yates Petroleum Corporation

3. Address of Operator  
207 South 4th St., Artesia, NM 88210

4. Location of Well  
UNIT LETTER 0 990 FEET FROM THE South LINE AND 2310 FEET FROM  
THE East LINE, SECTION 35 TOWNSHIP 15S RANGE 36E NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)  
3855.1' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK

TEMPORARILY ABANDON

PULL OR ALTER CASING

OTHER \_\_\_\_\_

PLUG AND ABANDON

CHANGE PLANS

SUBSEQUENT REPORT OF:

REMEDIAL WORK

COMMENCE DRILLING OPNS.

CASING TEST AND CEMENT JOB

OTHER Acid Treatment

ALTERING CASING

PLUG AND ABANDONMENT

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

1-16-85. Spotted 400 gals 15% Spearhead acid. Soaked overnight. Swabbed well back.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Jerry Sexton TITLE Production Supervisor DATE 1-30-85

ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE FEB - 5 1985

CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-78

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LAND OFFICE	
OPERATOR	

3a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. LG 2252	
7. Unit Agreement Name	
8. Farm or Lease Name Kochia "AAM" State	
9. Well No. 1	
10. Field and Pool, or WHdcat Dean Permo Penn	
12. County Lea	

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.

OIL WELL  GAS WELL  OTHER

2. Name of Operator  
Yates Petroleum Corporation

3. Address of Operator  
207 South 4th St., Artesia, NM 88210

4. Location of Well

UNIT LETTER 0 990 FEET FROM THE South LINE AND 2310 FEET FROM  
East THE 35 LINE, SECTION 15S TOWNSHIP 36E RANGE 36E NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)  
3855.1' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPWS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <u>Production Casing, Perforate, Treat</u> <input checked="" type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

TD 13800'. Ran 331 joints 5-1/2" casing as follows: 75 joints 5-1/2" 17# S-95 LT&C; 197 joints 5-1/2" 17# N-80 LT&C; 59 joints 5-1/2" 17# N-80, casing set at 13800'. Float shoe set 13800'. Float collar set 13760'. Cemented in 2 stages as follows:  
Stage 1: 250 sx C1 H .6% Halad-22, .4% CFR-2. Completed at 2:30 PM 11-16-84. Circulated 6 hrs.  
Stage 2: 1350 sx C1 H .6% Halad-22, .4% CFR-2. Compressive strength of cement - 800 psi in 12 hrs. PD 10:00 PM 11-16-84. Bumped plug to 1000 psi, released pressure, float and casing held okay. WOC. DV tool set at 12802'. WOCU 3 days. Drilled out DV tool at 12802'. WIH and perforated 11676-11686' w/10 .42" holes. Acidized perms 11676-11686' w/1500 gals 15% NEFE acid and ball sealers. Swabbed well with trace of oil and show of gas. Squeezed perforations 11676-686' w/75 sacks C1 H w/.3% CFR2 and .3% Halad-9. Test squeeze to 3000#, OK. WIH and perforated 11499-11508' w/10 .42" holes (1 SPF). Acidized perms 11499-11508' w/1500 gals 15% NEFE acid and ball sealers. Began swabbing and testing well 12-11-84. Continue to swab well 12-17-84.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Jerry Sexton TITLE Production Supervisor DATE 12-17-84

ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR

DEC 21 1984

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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5a. Indicate Type of Lease  
State  Fee

5. State Oil & Gas Lease No.  
LG 2252

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL  GAS WELL  OTHER

Name of Operator  
Yates Petroleum Corporation

Address of Operator  
207 South 4th St., Artesia, NM 88210

Location of Well  
UNIT LETTER 0 990 FEET FROM THE South LINE AND 2310 FEET FROM  
THE East LINE, SECTION 35 TOWNSHIP 15S RANGE 36E NMPM.

7. Unit Agreement Name

8. Farm or Lease Name  
Kochia AAM State

9. Well No.  
1

10. Field and Pool, or Wildcat  
Dean Permo Penn

11. Elevation (Show whether DF, RT, GR, etc.)  
3855.1' GR

12. County  
Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
NULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <u>Intermediate Casing</u> <input checked="" type="checkbox"/>

7. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

TD 4922'. Ran 118 jts of 8-5/8" 32# J-55 N-80 casing set at 4922'. 1-Texas Pattern notched guide shoe set at 4922'. Float collar set at 4883'. Cemented w/2100 sacks Halliburton Lite, 15#/sack salt and 1/4#/sack flocele. Tailed in w/250 sacks Class "C" 2% CaCl2. Compressive strength of cement - 1250 psi in 12 hrs. PD 7:00 AM 10-1-84. Bumped plug to 1750 psi, released pressure and float held okay. Cement circulated 8 sacks to surface. WOC.

Drilled out 7:00 AM 10-2-84. WOC 24 hours. Cut off and welded on flow nipple. Tested casing to 1000 psi for 30 minutes, OK. Reduced hole to 7-7/8". Drilled plug and resumed drilling.

8. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Eddie W. Seay TITLE Production Supervisor DATE 10-25-84

APPROVED BY Oil & Gas Inspector TITLE \_\_\_\_\_ DATE OCT 29 1984

CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-79

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LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease  
State  Fee

5. State Oil & Gas Lease No.  
LG-2252

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO deepen OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator YATES PETROLEUM CORPORATION	8. Farm or Lease Name Kochia "AAM" State
3. Address of Operator 207 South 4th Street, Artesia, New Mexico 88210	9. Well No. 1
4. Location of Well UNIT LETTER 0 990 FEET FROM THE South LINE AND 2310 FEET FROM East LINE, SECTION 35 TOWNSHIP 15 South RANGE 36 East NMPM.	10. Field and Pool, or WHdcat Dean Permo Penn
15. Elevation (Show whether DF, RT, GR, etc.) 3855.1 GL	12. County Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER Deepening of well <input checked="" type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

We propose to continue drilling this well to the Devonian Formation. TD of approximately 13,750' new casing program will be as follows:

Hole 7 7/8", csg. 5 1/2", weight 17# N-80 and S-95 TD 13,750, cement 700 sx to 9200'.

Verbal approval was given by Mike Stogner NMOCD Santa Fe 10/23/84 to continue drilling operations.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Eddie W. Seay TITLE Regulatory Agent DATE 10/24/84

APPROVED BY Oil & Gas Inspector TITLE \_\_\_\_\_ DATE OCT 29 1984

CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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LAND OFFICE	
OPERATOR	

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-78

5a. Indicate Type of Lease  
State  Fee

5. State Oil & Gas Lease No.  
LG 2252

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  
USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL  GAS WELL  OTHER   
7. Unit Agreement Name

2. Name of Operator  
Yates Petroleum Corporation  
8. Farm or Lease Name  
Kochia AAM State

3. Address of Operator  
207 South 4th St., Artesia, NM 88210  
9. Well No.  
1

4. Location of Well  
UNIT LETTER 0 990 FEET FROM THE South LINE AND 2310 FEET FROM  
10. Field and Pool, or Whitcut  
Dean Permo Penn

THE East LINE, SECTION 35 TOWNSHIP 15S RANGE 36E NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)  
3855.1' GR  
12. County  
Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

- PERFORM REMEDIAL WORK
- TEMPORARILY ABANDON
- PULL OR ALTER CASING
- OTHER
- PLUG AND ABANDON
- CHANGE PLANS

SUBSEQUENT REPORT OF:

- REMEDIAL WORK
- ALTERING CASING
- COMMENCE DRILLING OPNS.
- PLUG AND ABANDONMENT
- CASING TEST AND CEMENT JOB
- OTHER

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Spudded 17-1/2" hole 4:15 PM 9-21-84. Ran 10 jts of 13-3/8" 54.5# J-55 casing set 404'. 1-Texas Pattern notched guide shoe set 404'. Insert float set 363'. Cemented w/435 sacks Class "C" 2% CaCl2. Compressive strength of cement - 1250 psi in 12 hours. PD 4:00 PM 9-22-84. Bumped plug to 1000 psi, released pressure and float held okay. Cement circulated 50 sacks. WOC. Drilled out 12:00 midnight 9-23-84. WOC 20 hours. NU and tested to 1000 psi for 30 minutes, OK. Reduced hole to 11". Drilled plug and resumed drilling.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Juanita Goodstein TITLE Production Supervisor DATE 9-24-84

ORIGINAL SIGNED BY JERRY SEKTON  
DISTRICT SUPERVISOR

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE SEP 27 1984

CONDITIONS OF APPROVAL, IF ANY:

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FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

3a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>	
5. State Oil & Gas Lease No. LG-2252	
7. Unit Agreement Name	
8. Farm or Lease Name Kochia "AAM" State	
9. Well No. 1	
10. Field and Pool, or Wildcat Dean Permo Penn	
12. County Lea	

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL  GAS WELL  OTHER

Name of Operator  
YATES PETROLEUM CORPORATION

Address of Operator  
207 South 4th Street, Artesia, New Mexico 88210

Location of Well  
UNIT LETTER 0 990' FEET FROM THE South LINE AND 2310' FEET FROM  
THE East LINE, SECTION 35 TOWNSHIP 15S RANGE 36E NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)  
3855.1 GL

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input checked="" type="checkbox"/>	OTHER Change of TD <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Change of TD from 10,700 to Strawn 11,700.

Also change of production casing.

7 7/8"    5 1/2"    17# N-80 and S-95    11,700'    500sx    9200'

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED *Jerry Sexton* TITLE Regulatory Agent DATE 9/12/84

APPROVED BY DISTRICT I SUPERVISOR TITLE \_\_\_\_\_ DATE SEP 17 1984

CONDITIONS OF APPROVAL, IF ANY:

30-035-28905

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LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease  
STATE  FEE

5. State Oil & Gas Lease No.  
LG-2252

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work  
DRILL  DEEPEN  PLUG BACK

b. Type of Well  
OIL WELL  GAS WELL  OTHER   
SINGLE ZONE  MULTIPLE ZONE

3. Name of Operator  
YATES PETROLEUM CORPORATION

4. Address of Operator  
207 South 4 Street, Artesia, New Mexico 88210

6. Location of Well  
UNIT LETTER 0 LOCATED 990' FEET FROM THE South LINE  
AND 2310' FEET FROM THE East LINE OF SEC. 35 TWP. 15S RGE. 36E NMPM

7. Unit Agreement Name

8. Farm or Lease Name  
Kochia "AAM" State

9. Well No.  
1

10. Field and Pool, or Wildcat  
Dean Permo Penn

12. County  
Lea

19. Proposed Depth 10,700  
19A. Formation Bought "C"  
20. Rotary or C.T. Rotary

1. Elevations (show whether DF, RT, etc.) 3855.1 GL  
21A. Kind & Status Plug. Bond Blanket  
21B. Drilling Contractor McVay 8  
22. Approx. Date Work will start ASAP

PROPOSED CASING AND CEMENT PROGRAM

LEASE EXPIRES 10-1-84

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	48# H-40	405'	400sx	circ
12 1/4"	8 5/8"	32# J-55	5000'	1300sx	400'
7 7/8"	5 1/2"	17# N-80 and S-95	TD	450sx	9200'

We propose to drill a 10,700' well and test the Bought "C" and intermediate formations. Approximately 405' of surface casing will be set and cement circulated and approximately 5000' of intermediate will be set and cement circulated back to about 400'. Production casing will be set to TD and cemented back to approximately 9200'.

MUD PROGRAM: FW gel to 400', Native mud 5000', Water/paper to 7500'.

BOP PROGRAM: BOP's will be installed at the offset and tested daily.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 9/11/84  
UNLESS DRILLING UNDERWAY

ABOVE SPACE DESCRIBE PROPOSED PROGRAM. IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Jerry Sexton Title Regulatory Agent Date September 10, 1984

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT I SUPERVISOR TITLE \_\_\_\_\_ DATE SEP 11 1984

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

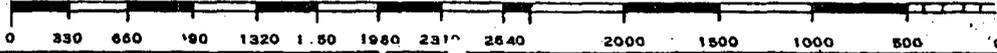
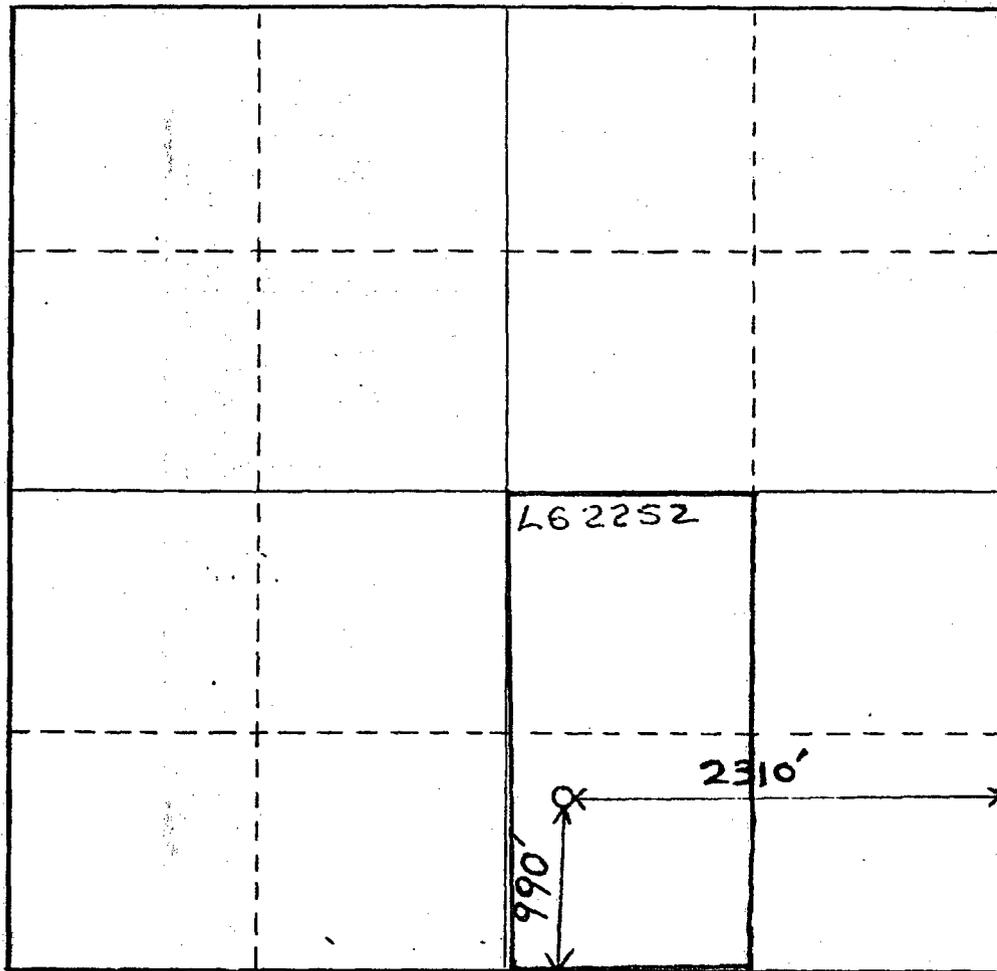
Operator <b>YATES PETROLEUM CORPORATION</b>		Lease <b>Kochia "AAM" State</b>		Well No. <b>1</b>
Unit Letter <b>0</b>	Section <b>35</b>	Township <b>15 South</b>	Range <b>36 East</b>	County <b>Lea</b>
Actual Footage Location of Well: <b>990'</b> feet from the <b>South</b> line and <b>2310'</b> feet from the <b>East</b> line				
Ground Level Elev. <b>3855.1 GL</b>	Producing Formation <b>Bough "C"</b>	Pool <b>Dean Permo Penn</b>	Dedicated Acreage: <b>80</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes  No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Cy Cowan*

Name  
**Cy Cowan**

Position  
**Regulatory Agent**

Company  
**YATES PETROLEUM CORPORATION**

Date  
**September 10, 1984**

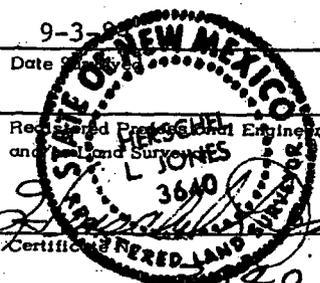
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

9-3-84  
Date

Registered Professional Engineer and Land Surveyor

*[Signature]*

Certified



BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF THE STATE OF NEW  
MEXICO FOR THE PURPOSE OF  
CONSIDERING:

CASE NO. 1102  
Order No. R-892

THE APPLICATION OF SINCLAIR OIL AND  
GAS COMPANY FOR AN ORDER AMENDING  
ORDER NO. R-757 AND CREATING THE  
DEAN PERMO-PENNSYLVANIAN POOL, FOR  
AN ORDER ESTABLISHING 80-ACRE SPACING  
UNITS IN SAID DEAN PERMO-PENNSYLVANIAN  
POOL, AND FOR AN ORDER AMENDING ORDER  
NO. R-799 AND PERMITTING THE DUAL  
COMPLETION OF WELLS IN THE DEAN-  
DEVONIAN AND DEAN PERMO-PENNSYLVANIAN  
POOLS, ALL IN LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9:00 o'clock a.m. on July 18, 1956, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 4th. day of October, 1956, the Commission, a quorum being present, having considered the record herein and the evidence and testimony adduced and being fully advised in the premises,

FINDS:

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

(B) That the Commission on September 15, 1955, heard Case No. 958, which was in the matter of the application of Sinclair Oil and Gas Company for an order creating and defining the Dean-Devonian Pool in Lea County, New Mexico, and establishing a uniform 40-acre spacing pattern for said Dean-Devonian Pool; further that the Commission on October 13, 1955, entered Order No. R-707, in which it found:

- (1) That due notice having been given as required by law, the Commission has jurisdiction of Case No. 958 and the subject matter thereof.
- (2) That a common source of supply in the Devonian formation was discovered by the Sinclair Oil and Gas Company's J. P. Dean Well No. 1, located 660 feet from the south line and 1980 feet from the west line of Section 35, Township 15 South, Range 36 East, Lea County, New Mexico.

- (3) That the said common source of supply should be denominated the Dean-Devonian Pool and should be classified, defined, and described as follows:

TOWNSHIP 15 SOUTH, RANGE 36 EAST, NMPM  
All of Sections 26 and 35  
E/2 NE/4 and the SE/4 of Section 34

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM  
Lots 1, 2, 3, 4, 5, 6, 7, and 8 of Section 5  
Lots 1, 2, 7, and 8 of Section 6

- (4) That geological and engineering data presented to the Commission indicate that one well will drain 40 acres, and that the Dean-Devonian Pool should be developed on 40-acre proration units.
- (5) That all wells drilled in the Dean-Devonian Pool should be located near the center of each governmental quarter-quarter section, with a tolerance of 150 feet in any direction to avoid surface obstructions. That wells now drilled or presently drilling prior to issuance of this order that are not in conformance to this order, should be granted an exception to the spacing pattern.

(C) That the Commission on February 15, 1956, heard Case No. 1017, which was in the matter of the application of Sinclair Oil and Gas Company for an order creating the Dean-Pennsylvanian Pool consisting of all of Section 26, all of Section 35, the E/2 of the NE/4 and the SE/4 of Section 34, Township 15 South, Range 36 East, and Lots 1, 2, 3, 4, 5, 6, 7, and 8, of Section 5, Township 16 South, Range 37 East, NMPM, Lea County, New Mexico, and the establishment of special rules for said pool regarding the spacing and location of wells drilled therein; further that the Commission on March 14, 1956, entered Order No. R-757 in which it found:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of Case No. 1017 and the subject matter thereof.
- (2) That the original application for and the legal advertisement of Case No. 1017 called for the creation of the Dean-Pennsylvanian Pool in Lea County, New Mexico, and the establishment of pool rules regarding the spacing and location of wells in said pool. That applicant, by means of an amended application filed February 2, 1956, and a motion presented at the hearing of Case 1017, moved that that portion of the original application pertaining to said

pool rules be dismissed, and that only that portion of the application concerning the creation of the Dean-Pennsylvanian Pool be considered.

- (3) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Pennsylvanian formation, said pool to bear the designation Dean-Pennsylvanian Pool. Said Dean-Pennsylvanian Pool was discovered by Sinclair Oil and Gas Company, State 735 No. 1, located in the SW<sup>1</sup>/<sub>4</sub> of the NE<sup>1</sup>/<sub>4</sub> of Section 26, Township 15 South, Range 36 East, NMPM. It was completed December 4, 1955. The top of perforations is at 11,560'.
- (4) That evidence presented at said hearing indicates that the horizontal limits of said Dean-Pennsylvanian Pool should be somewhat different from the horizontal limits of the pool as set forth in applicant's application.

(D) That the Commission on February 15, 1956, heard Case No. 1016, which was in the matter of the application of Sinclair Oil and Gas Company for an order authorizing the dual completion of wells in the Devonian common source of supply and the Pennsylvanian common source of supply underlying the E/2 NE/4 and the SE/4 of Section 34, all of Sections 26 and 35, Township 15 South, Range 36 East, and Lots 1 through 8 of Section 5, and Lots 1, 2, 7, and 8 of Section 6, Township 16 South, Range 37 East, NMPM, Lea County, New Mexico; further that the Commission on April 27, 1956, entered Order No. R-799, in which it found:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of Case No. 1016 and the subject matter thereof.
- (2) That although the defined limits of the Dean-Devonian common source of supply are the same as outlined in applicant's application, the defined limits of the Dean-Pennsylvanian common source of supply, as set forth in Commission Order No. R-757, are somewhat different than the defined limits of the Dean-Pennsylvanian common source of supply as outlined in applicant's application and consist of the following described area:

TOWNSHIP 15 SOUTH, RANGE 36 EAST, NMPM

SW/4 SW/4 Section 25

All Section 26

E/2 NE/4 and SE/4 Section 34

All Section 35

NW/4 Section 36

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM

Lots 1, 2, 3, 4, 5, 6, 7, and 8 of Section 5

Lot 1 of Section 6

- (3) That the recoverable reserves in the above-described Dean-Pennsylvanian Pool are such that a well drilled to the Pennsylvanian formation in this pool would probably not be a profitable venture.
- (4) That although some wells have been drilled to and are producing from the Dean-Pennsylvanian Pool, unless means is provided to produce the known reserves in said pool by some method other than drilling separate wells into said Pennsylvanian formation, waste will occur in that all of the known recoverable reserves probably will not be produced.
- (5) That the applicant, Sinclair Oil and Gas Company, has shown that to dually complete wells in the Dean-Devonian Pool and the Dean-Pennsylvanian Pool would probably be a profitable venture, by virtue of which most of the recoverable reserves in the Pennsylvanian formation could be produced and the waste thereby averted.
- (6) That the applicant has shown that a dual completion installation utilizing parallel strings of tubing, one string of tubing to each common source of supply, and a retainer-type production packer will provide adequate separation of the fluids from the two reservoirs within the casing. Applicant has further shown that this type of installation may be readily adapted to the artificial lifting of the fluids from either or both of the two reservoirs if and when that should become necessary.
- (7) That adequate separation of the reservoirs in the well bore outside the casing can be accomplished by setting the production casing string at the total depth of the well bore and by cementing it from total depth to a point at least 500 feet above the top

- (8) That although there is present in any dual completion the inherent danger of communication between the zones involved, and that such communication would result in waste, the evidence submitted in support of applicant's proposal for special pool rules permitting authority for dual completions in the Dean-Pennsylvanian and the Dean-Devonian Pools indicates that there is reasonable assurance that in this particular case, any such communication can be averted, and if it should occur, that it can be detected and corrected. Further, that waste will occur in this particular case if provision is not made for the dual completion of wells in the subject pools.
- (9) That provisions should be made for the Secretary-Director of the Commission to have the authority to grant administrative approval for the dual completion in the Pennsylvanian and Devonian formations only of any well located within the horizontal limits of both of the subject pools or located within the horizontal limits of one of the pools and within one-half mile of the horizontal limits of the other pool as they may now or as they may hereafter be defined.
- (10) That special pool rules should be prescribed governing dual completions in the subject pools, also designating the mechanical manner of completion acceptable, type and manner of tests required, and such other rules as may be necessary to insure safe completion and operation of any wells so dually completed.

THE COMMISSION FINDS FURTHER:

- (1) That the applicant in Case No. 1102, Sinclair Oil and Gas Company, has shown that the reserves in the Wolfcamp formation underlying the area designated as the Dean-Pennsylvanian Pool are such that a well drilled to and completed in said Wolfcamp formation would probably not be a profitable venture.
- (2) That unless means is provided to produce the known reserves in said Wolfcamp formation by some method other than drilling separate wells into said Wolfcamp formation, waste will occur in that all of the known recoverable reserves probably will not be produced.

(3) That the dual completion of wells within the Dean-Pennsylvanian common source of supply and the Dean-Devonian common source of supply in the subject area has been permitted under certain conditions, but the triple completion of wells within the Wolfcamp formation, the Pennsylvanian formation, and the Devonian formation in this area would be impractical.

(4) That the applicant has shown that to combine the Wolfcamp formation and the Pennsylvanian formation underlying the area designated as the Dean-Pennsylvanian Pool into one pool and to re-designate said Dean-Pennsylvanian Pool as the Dean Permo-Pennsylvanian Pool would not cause but would prevent waste in that the reserves of both formations could be produced as a single Permo-Pennsylvanian completion or as the upper completion of a Permo-Pennsylvanian and Devonian dual completion. Further, that the reservoir characteristics of the Wolfcamp formation and the Pennsylvanian formation in the subject area are similar in nature and waste will not occur as a result of their combination.

(5) That applicant, Sinclair Oil and Gas Company, has further shown that there is reasonable assurance that any well completed in said Wolfcamp formation and/or Pennsylvanian formation in the subject area will adequately drain 80 acres, further that all wells drilled to and completed in the Wolfcamp formation and/or the Pennsylvanian formation in the area should be located on 80-acre units embracing two adjacent governmental quarter-quarter sections or lots within a single governmental section, which units should run either North and South or East and West; further, that wells drilled to and completed in the Wolfcamp formation and/or Pennsylvanian formation in said area should be located on either quarter-quarter section or lot comprising the 80-acre units, and should not be closer than 330 feet from the lines of such quarter-quarter section; further, that all wells so located on such 80-acre units should have allowables assigned thereto in accordance with the 80-acre proportional factor for a depth range of 11,000 to 12,000 feet, and with the other provisions of Rule 505 of the Rules and Regulations of the Commission.

(6) That any well which was drilled or was drilling as of October 4th, 1956, and which is located within the horizontal limits of the Dean Permo-Pennsylvanian Pool as herein defined should be granted an exception to the 80-acre spacing requirements of this order; further, that any such excepted well should be assigned an allowable which is in the same proportion to the standard 80-acre allowable that the well's dedicated acreage is to 80 acres; further, that the allowable for any such excepted well should be increased to that of a standard unit upon receipt by the Commission of proper evidence that such well has 80 acres dedicated thereto.

(7) That the application of Sinclair Oil and Gas Company for an order amending Order No. R-757 and creating the Dean Permo-Pennsylvanian Pool, for an order establishing 80-acre spacing units in said Dean Permo-Pennsylvanian Pool, and for an order amending Order No. R-799 and permitting the dual completion of wells in the Dean Permo-Pennsylvanian and the Dean-Devonian Pools should be approved. Further, that in the interests of clarity and simplicity, Order No. R-707, which order created and defined the Dean-Devonian Pool and established a uniform 40-acre spacing pattern for said Dean-Devonian Pool, Order No. R-757, which order

created and defined the Dean-Pennsylvanian Pool, and Order No. R-799, which order authorized, under certain conditions, the dual completion of wells in the Dean-Pennsylvanian Pool and Dean-Devonian Pool should be rescinded and superseded by one order, which order should set forth the vertical and horizontal limits of each of the common sources of supply involved and which should also set forth all special rules relative to the spacing and the dual completion of wells therein.

IT IS THEREFORE ORDERED:

(1) That the application of Sinclair Oil and Gas Company for an order amending Commission Orders No. R-757 and No. R-799 and for an order establishing 80-acre spacing in the Dean Permo-Pennsylvanian Pool be and the same is hereby approved.

(2) That Commission Orders No. R-707, No. R-757, and No. R-799 be and the same are hereby rescinded and superseded by Commission Order No. R-892.

(3) That the vertical limits of the Dean-Devonian Pool shall be the Devonian formation and the horizontal limits of said Dean-Devonian Pool shall be that area described in Exhibit "A" attached hereto and made a part hereof.

(4) That the vertical limits of the Dean Permo-Pennsylvanian Pool shall consist of the Wolfcamp formation and the Pennsylvanian formation and the horizontal limits of said Dean Permo-Pennsylvanian Pool shall be that area described in Exhibit "B" attached hereto and made a part hereof.

IT IS FURTHER ORDERED:

That special pool rules applicable to the Dean-Devonian Pool be and the same are hereby promulgated as follows:

SPECIAL RULES AND REGULATIONS FOR  
THE DEAN-DEVONIAN POOL

IT IS ORDERED:

(1) That the Dean-Devonian Pool be and the same is hereby created as the common source of supply as discovered in the Sinclair Oil and Gas Company's J. P. Dean Well No. 1, located 660 feet from the south line and 1980 feet from the west line of Section 35, Township 15 South, Range 36 East, NMPM, Lea County, New Mexico, and any extension thereof as may be determined by further development.

(2) That 40-acre proration units be and the same are hereby established for the Dean-Devonian Pool.

(3) That all wells drilled in the Dean-Devonian Pool shall be located in the center of each governmental quarter-quarter section, with a tolerance of 150 feet in any direction to avoid surface obstructions.

(4) That the Magnolia Petroleum Company's Harkrider Well No. 1, located 1980 feet from the South line and 330 feet from the East line of Section 34, Township 15 South, Range 36 East, NMPM, and the Ohio Oil Company's A. C. Dean "A" Well No. 1, located 990 feet from the North line and 660 feet from the West line of Section 35, Township 15 South, Range 36 East, NMPM, shall each be an exception to the spacing rules herein provided.

(5) That no well shall be drilled or produced in said pool except in conformity with the spacing pattern set forth above without special order of the Commission after due notice and hearing.

(6) That individual well allowables for wells drilled in conformity with the spacing pattern set forth above shall be established in accordance with the 40-acre proportional factors provided in the Rules and Regulations of the Commission.

(7) That those wells completed within the Dean-Devonian Pool on lots containing more than 40 acres shall have their allowables computed in accordance with the provisions of Rule 104, Paragraphs (h) and (j).

(8) That those wells located on lots containing more than 40 acres may be located 660 feet from the north line of the lot.

IT IS FURTHER ORDERED:

That special pool rules applicable to the Dean Permo-Pennsylvanian Pool be and the same are hereby promulgated as follows:

SPECIAL RULES AND REGULATIONS FOR THE  
DEAN PERMO-PENNSYLVANIAN POOL

IT IS ORDERED:

(1) That the Dean Permo-Pennsylvanian Pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp-Pennsylvanian production be and the same is hereby created.

(2) That 80-acre proration units be and the same are hereby established for the Dean Permo-Pennsylvanian Pool; further, that all wells drilled to and completed in said Dean Permo-Pennsylvanian Pool shall be located on 80-acre proration units embracing two adjacent governmental quarter-quarter sections or lots within a single governmental section; further, that the aforesaid 80-acre proration units shall run either North and South or East and West. The well thereon may be located on either quarter-quarter section or lot comprising the 80-acre unit, but shall not be closer than 330 feet from the boundaries of such quarter-quarter section or lot.

(3) That Form C-128 filed in conformance with Rule 1104 shall outline the acreage dedicated to any projected well.

(4) That individual well allowables for wells drilled in conformity with the 80-acre spacing rules herein provided for the Dean Permo-Pennsylvanian Pool shall be established in accordance with the 80-acre proportional factor for a depth range of 11,000 to 12,000 feet, and with the other provisions of Rule 505 of the Rules and Regulations of the Commission. Provided, however, that the date of assignment of an allowable to a newly completed well shall be governed by the provisions of Rule 503 (c) and the date of receipt by the Commission of the Commission's Affidavit of Communitization Agreement, if applicable.

(5) That each well which was drilled or was drilling as of October 4, 1956, and which is located within the limits of the Dean Permo-Pennsylvanian Pool as herein defined, is hereby granted an exception to the 80-acre spacing requirements of this order; further, that any such excepted well shall be assigned an allowable, effective at 7 o'clock a.m., Mountain Standard Time, December 1, 1956, which is in the same proportion to the standard 80-acre allowable that the well's dedicated acreage is to 80 acres. Provided, however, that the allowable of any such excepted well may be increased to that of a standard unit effective on the date of receipt by the Commission of Commission Form C-128, Well Location and/or Gas Proration Plat, indicating that sufficient additional acreage has been dedicated to the excepted well to form a standard proration unit as defined in Paragraph (2) above, or on the date of receipt by the Commission of the Commission's Affidavit of Communitization Agreement, if applicable, whichever date is later. Provided however, that no well shall have its allowable increased to that of a standard unit prior to December 1, 1956.

(6) The allowable for any well completed in the Dean Permo-Pennsylvanian Pool and to which is assigned any governmental quarter-quarter section or lot containing less than 39 1/2 acres or more than 40 1/2 acres shall have its allowable decreased or increased in the proportion that the total number of acres assigned to the well bears to 80 acres.

IT IS FURTHER ORDERED:

That special rules for the dual completion of wells in the Dean-Devonian Pool and the Dean Permo-Pennsylvanian Pool be and the same are hereby promulgated as follows:

SPECIAL RULES FOR THE DUAL COMPLETION  
OF WELLS IN THE DEAN-DEVONIAN POOL AND THE  
DEAN PERMO-PENNSYLVANIAN POOL

IT IS ORDERED:

1. That the application of Sinclair Oil and Gas Company for an order promulgating special pool rules for the Dean-Devonian common source of supply and the Dean Permo-Pennsylvanian common source of supply permitting the dual completion of a well within the horizontal and the vertical limits of the subject pools, after individual approval as hereinafter provided, be and the same is hereby approved.

(2) (a) That the dual completion of any well within the horizontal and vertical limits of the subject pools may be permitted only by order of the Commission after due notice and hearing, except as noted by Paragraph 2 (c) below.

(b) The application for such hearing shall be submitted in triplicate and shall include an exhibit showing the location of all wells in both pools and a diagrammatic sketch of the proposed dual completion and shall set forth all material facts on the common sources of supply involved, and the manner and method of completion proposed.

(c) The Secretary of the Commission shall have authority to grant administratively an exception to the requirements of Paragraph (a) above without notice and hearing where application for administrative approval has been filed in due form and includes an exhibit showing the location of all wells in the subject pools and a diagrammatic sketch of the proposed dual completion, and has set forth all material facts on the common sources of supply involved, and the manner and method of dual completion proposed, and

(1) applicant proposes to dually complete a well in the Dean-Devonian common source of supply and the Dean Permo-Pennsylvanian common source of supply and the well is located within the horizontal limits of both of the pools or is located within the horizontal limits of one of the pools and within one-half mile of the horizontal limits of the other pool, and

(2) applicant proposes to complete and equip the well in such a manner that the Dean-Devonian common source of supply and the Dean Permo-Pennsylvanian common source of supply shall be completely segregated from each other by setting the production casing string at total depth and circulating cement from total depth to a point at least 500 feet above the uppermost perforation, and by utilizing parallel strings of tubing, one string to each of the common sources of supply, and a permanent retainer-type production packer.

Applicants shall also furnish all operators who own leases within the horizontal limits of either or both pools a copy of the application and a diagrammatic sketch of the proposed dual completion and a plat showing the location of all wells in the subject pools. Applicant shall include with his application to the Commission a written

stipulation that all such operators have been properly notified. The Secretary of the Commission shall wait at least 20 days before approving any such dual completion, and shall approve such dual completion only in the absence of objection from any such operator owning acreage in either or both of the pools. In the event an operator objects to the dual completion, the Commission shall consider the matter only after proper notice and hearing.

The Commission may waive the 20-day waiting period requirements if the applicant furnishes the Commission with the written consent to the dual completion by all of the aforesaid operators involved.

PROVIDED HOWEVER, That any well so dually completed shall be completed and thereafter produced in such a manner that there will be no commingling within the well-bore, either within or outside the casing, of gas, oil and gas, or oil produced from either or both of the separate strata.

PROVIDED FURTHER, That upon the actual dual completion of any such well, the operator shall submit to the District Office of the Commission at Hobbs, New Mexico, copies of Oil Conservation Commission Form C-103, Form C-104, and Form C-110 outlining the information required on those forms by existing Rules and Regulations, packer setting affidavit form, and two copies of the electric log of the well. Operator shall also submit in duplicate evidence indicating that the cement behind the production casing string was circulated from total depth to a point at least 500 feet above the uppermost perforation.

PROVIDED FURTHER, That any well so dually completed shall be equipped in such a way that reservoir pressures may be determined separately for each of the two specified strata, and further, be equipped with all necessary connections required to permit recording meters to be installed and used, at any time, as may be required by the Commission or its representatives, in order that natural gas, oil, or oil and gas from each separate stratum may be accurately measured and the gas-oil ratio thereof determined.

PROVIDED FURTHER, That the operator shall be required to make any and all tests, including segregation tests, but not excluding other tests and/or determinations at any convenient time and in such manner as deemed necessary by the Commission; the original and all subsequent tests shall be witnessed by representatives of the Commission and by representatives of offset operators, if any there be, at their election, and the results of each test properly attested to by the operator and all witnesses, and shall be filed with the Commission within ten days after completion of such test.

PROVIDED FURTHER, That upon the actual dual completion of any such well, operator shall submit to the Commission a diagrammatic sketch of the mechanical installation which was actually used to complete and

produce the seal between the strata, and a special report of production, gas-oil ratio, and reservoir pressure determination of each producing zone or stratum immediately following completion.

PROVIDED FURTHER, That upon actual dual completion of any well, operator shall within 10 days commence a segregation test, and shall conduct and report the results of said test in accordance with the instructions pertaining to and a part of the Commission's "Packer Leakage Test" form. Such segregation tests shall also be conducted at six-months intervals from the date of initial dual completion and at such other times as may be deemed necessary by the Commission.

IT IS FURTHER ORDERED:

That jurisdiction of this cause is hereby retained by the Commission for such further order or orders as may seem necessary or convenient for the prevention of waste and/or the protection of correlative rights; upon failure of any operator to comply with any requirement of this order, after proper notice and hearing the Commission may terminate the authority granted and require, in the interests of conservation, the operator or its successors and assigns to limit its activities to regular single-zone production insofar as the well wherein the failure to comply be concerned.

EXHIBIT "A"

Horizontal limits of the Dean-Devonian Pool

TOWNSHIP 15 SOUTH, RANGE 36 EAST, NMPM

All Section 26;

E/2 NE/4 and SE/4 Section 34;

All Section 35;

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM

Lots 1, 2, 3, 4, 5, 6, 7, & 8 of Section 5;

Lots 1, 2, 7, & 8 of Section 6;

EXHIBIT "B"

Horizontal limits of the Dean Permo-Pennsylvanian Pool

TOWNSHIP 15 SOUTH, RANGE 36 EAST, NMPM

SW/4 SW/4 Section 25;

All Section 26;

E/2 NE/4 and SE/4 Section 34;

All Section 35;

NW/4 Section 36;

-13-

Order No. R-892

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM  
Lots 1, 2, 3, 4, 5, 6, 7, & 8 of Section 5;  
Lot 1 of Section 6;

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

JOHN F. SIMMS, Chairman

E. S. WALKER, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

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BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF THE STATE OF NEW  
MEXICO FOR THE PURPOSE OF  
CONSIDERING:

CASE NO. 1102  
Order No. R-892-A

THE APPLICATION OF SINCLAIR OIL AND  
GAS COMPANY FOR AN ORDER AMENDING  
ORDER NO. R-757 AND CREATING THE DEAN  
PERMO-PENNSYLVANIAN POOL, FOR AN ORDER  
ESTABLISHING 80-ACRE SPACING UNITS IN  
SAID DEAN PERMO-PENNSYLVANIAN POOL AND  
FOR AN ORDER AMENDING ORDER NO. R-799  
AND PERMITTING THE DUAL COMPLETION OF  
WELLS IN THE DEAN-DEVONIAN AND DEAN  
PERMO-PENNSYLVANIAN POOLS, ALL IN LEA  
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for consideration upon the petition of  
Ohio Oil Company for rehearing on Order R-892 heretofore entered by the  
Commission on October 4, 1956.

NOW, on this 7th day of November, 1956, the Commission, a  
quorum being present, having considered the said petition of Ohio Oil  
Company and being fully advised in the premises,

HEREBY ORDERS:

That the above entitled cause be reopened and a rehearing be  
held at the regular monthly hearing on November 13, 1956 at 9 o'clock a.m.  
in Mabry Hall at Santa Fe, New Mexico, at which time all interested parties  
may appear.

IT IS FURTHER ORDERED:

That the matter to be considered upon rehearing shall be  
limited to those issues raised in the petition for rehearing.

IT IS FURTHER ORDERED:

That Order R-892 shall remain in full force and effect pending  
the issuance of any further order.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

Signed by: John F. Simms, Chairman; E. S. Walker, Member; A. L. Porter, Jr.  
Member and Secretary.  
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BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF THE STATE OF NEW  
MEXICO FOR THE PURPOSE OF  
CONSIDERING:

CASE NO. 1102  
Order No. R-892-B

APPLICATION OF THE OHIO OIL COMPANY  
FOR REHEARING IN CASE 1102, ORDER  
R-892 WHICH ESTABLISHED POOL RULES  
FOR THE DEAN DEVONIAN AND DEAN PERMO-  
PENNSYLVANIAN POOLS, LEA COUNTY, NEW  
MEXICO.

ORDER OF DISMISSAL

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on November 13, 1956, and at 9 o'clock a.m. on December 13, 1956, and again at 9 o'clock a.m., on January 16, 1957, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 30th day of January, 1957, the Commission, a quorum being present, having considered the evidence adduced, and being fully advised in the premises,

FINDS:

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

(2) That applicant, by its attorney, entered an appearance and moved to dismiss the cause.

(3) That said cause should therefore be dismissed.

IT IS THEREFORE ORDERED:

That the application of the Ohio Oil Company for rehearing in Case 1102, Order R-892, which established pool rules for the Dean-Devonian and Dean Permo-Pennsylvanian Pools, Lea County, New Mexico, be and the same is hereby dismissed.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman  
MURRAY E. MORGAN, Member  
A. L. PORTER, Jr., Member & Secretary

S E A L  
ir/

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

CASE NO. 958  
Order No. R-707

THE MATTER OF THE APPLICATION OF  
SINCLAIR OIL AND GAS COMPANY FOR AN  
ORDER CREATING AND DEFINING THE  
DEAN-DEVONIAN POOL, AND ESTABLISH-  
ING A UNIFORM 40-ACRE SPACING PATTERN  
IN THE DEVONIAN COMMON SOURCE OF  
SUPPLY DISCOVERED BY THEIR J. P. DEAN  
WELL NO. 1, SE 1/4 SW/4 SECTION 35, TOWN-  
SHIP 15 SOUTH, RANGE 36 EAST, NMPM,  
LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9:00 a. m. on September 15, 1955, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this 13th. day of October, 1955, the Commission, a quorum being present, having considered the testimony adduced and the exhibits received at said hearing, and being fully advised in the premises,

FINDS:

- (1) That due notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That a common source of supply in the Devonian formation was discovered by the Sinclair Oil and Gas Company's J. P. Dean Well No. 1, located 660 feet from the south line and 1980 feet from the west line of Section 35, Township 15 South, Range 36 East, Lea County, New Mexico.
- (3) That the said common source of supply should be denominated the Dean-Devonian Pool and should be classified, defined, and described as follows:

Township 15 South, Range 36 East, NMPM  
All of Sections 26 and 35  
E/2 NE/4 and the SE/4 of Section 34

Township 16 South, Range 37 East, NMPM

Lots 1, 2, 3, 4, 5, 6, 7 and 8 of Section 5

Lots 1, 2, 7 and 8 of Section 6

(4) That geological and engineering data presented to the Commission indicates that one well will drain 40 acres, and that the Dean-Devonian Pool should be developed on 40 acre proration units.

(5) That all wells drilled in the Dean-Devonian Pool should be located near the center of each governmental quarter-quarter section, with a tolerance of 150 feet in any direction to avoid surface obstructions. That wells now drilled or presently drilling prior to issuance of this order that are not in conformance to this order, should be granted an exception to the spacing pattern.

IT IS THEREFORE ORDERED:

(1) That the Dean-Devonian Pool be and the same is hereby created as the common source of supply as discovered in the Sinclair Oil and Gas Company's J. P. Dean Well No. 1, located 660 feet from the south line and 1980 feet from the west line of Section 35, Township 15 South, Range 36 East, Lea County, New Mexico, and any extension thereof as may be determined by further development.

(2) That 40-acre proration units be and the same are hereby established for the Dean-Devonian Pool, the limits of which are hereby designated to include the following probable productive acreage:

Township 15 South, Range 36 East, NMPM

All of Section 26 and 35

E/2 NE/4 and SE/4 of Section 34

Township 16 South, Range 37 East, NMPM

Lots 1 through 8 inclusive of Section 5

Lots 1, 2, 7 and 8 of Section 6

(3) That all wells drilled in the Dean-Devonian Pool shall be located in the center of each governmental quarter-quarter section, with a tolerance of 150 feet in any direction to avoid surface obstructions.

(4) That the Magnolia, Harkrider Well No. 1, located 330 feet from the east line and 1980 feet from the south line of Section 34, Township 15 South, Range 36 East, which is now drilling in this pool shall be an exception to the spacing rules herein provided.

(5) That no well shall be drilled or produced in said pool except in conformity with the spacing pattern set forth above without special order of the Commission after due notice and hearing.

(6) That individual well allowables for wells drilled in conformity with the spacing pattern set forth above shall be established in accordance with the 40 acre proportional factors provided in the Rules and Regulations of the Commission.

(7) That those wells completed within the Dean-Devonian Oil Pool on lots containing more than 40 acres shall have their allowables computed in accordance with the provisions of Rule 104, Paragraph h and j.

(8) That those wells located on lots containing more than 40 acres may be located 660 feet from the north line of the lot.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

JOHN F. SIMMS, Chairman

E. S. WALKER, Member

W. B. MACEY, Member and Secretary

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