

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

## OIL CONSERVATION DIVISION

2040 Pacheco St.  
Santa Fe, NM 87505

WELL API NO. 30-015-25077
Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
State Oil & Gas Lease No. E-742
Lease Name or Unit Agreement Name New Mexico EO St. Com SWD
Well No. #1
Pool name or Wildcat

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)	
Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Disposal <input type="checkbox"/>	
Name of Operator Mewbourne Oil Company	
Address of Operator P.O. Box 5270 Hobbs, N.M. 88241 505-393-5905	
Well Location Unit Letter <u>E</u> : <u>1980</u> Feet From The <u>North</u> Line and <u>660</u> Feet From The <u>West</u> Line <u>20</u> Section <u>17-S</u> Township <u>29-E</u> Range <u>NMPM</u> <u>Eddy</u> County	
Elevation (Show whether DF, RKB, RT, GR, etc.) 3638 GL	

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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: Change of Operator on SWD Order-763 ☒

### SUBSEQUENT REPORT OF:

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

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.

Mewbourne Oil Company would like to takeover the SWD Order 763 on the aboved captioned well. Clayton Williams Energy applied & received SWD approval from NMOCD. Mewbourne Oil Company owns this wellbore and would like approval to continue with this order.

Enclosed are:

- 1) NMOCD approved Order-763
- 2) Mewbourne Oil Company's C-108
- 3) Mewbourne Oil Company's proposed ammendment to Order-763 to add additional Cisco perfs (8500-9100').
- 4) Mewbourne Oil Company's revised procedure.
- 5) Schematics of current & proposed wellbores.
- 6) Schematic of BOP's during operation.



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

SIGNATURE A.M. Young TITLE N.M. Young District Manager DATE 07-28-00

TYPE OR PRINT NAME \_\_\_\_\_ TELEPHONE NO. \_\_\_\_\_

(This space for State Use)

ORIGINAL SIGNED BY TIM W. GUM  
DISTRICT II SUPERVISOR

APPROVED BY BEX TITLE \_\_\_\_\_ DATE AUG 8 2001

CONDITIONS OF APPROVAL, IF ANY: Amended order needed to add perfs BEX  
T/Penn @ 8720'



# NEW MEXICO ENERGY MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON  
Governor  
Jennifer A. Salisbury  
Cabinet Secretary

Lori Wrotenber  
Director  
Oil Conservation Division

*CORRECTED ADMINISTRATIVE ORDER SWD-763*

## *APPLICATION OF CLAYTON WILLIAMS ENERGY, INC. FOR PRODUCED WATER DISPOSAL, EDDY COUNTY, NEW MEXICO.*

### ADMINISTRATIVE ORDER OF THE OIL CONSERVATION DIVISION

Under the provisions of Rule 701(B), Clayton Williams Energy, Inc. made application to the New Mexico Oil Conservation Division on February 24, 2000, for permission to complete for produced water disposal its New Mexico "EO" State Com Well No. 1 (API No. 30-015-25077) located 1980 feet from the North line and 660 feet from the West line (Unit E) of Section 20, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico.

#### THE DIVISION DIRECTOR FINDS THAT:

- (1) The application has been duly filed under the provisions of Rule 701(B) of the Division Rules and Regulations;
- (2) Satisfactory information has been provided that all offset operators and surface owners have been duly notified;
- (3) The applicant has presented satisfactory evidence that all requirements prescribed in Rule 701 will be met; and
- (4) No objections have been received within the waiting period prescribed by said rule.

#### IT IS THEREFORE ORDERED THAT:

The applicant herein, is hereby authorized to complete its New Mexico "EO" State Com Well No. 1 (API No. 30-015-25077) located 1980 feet from the North line and 660 feet from the West line (Unit E) of Section 20, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico, in such a manner as to permit the injection of produced water for disposal purposes into the Cisco formation from approximately 8,750 feet to 8,950 feet through 2 7/8 inch plastic-lined tubing set in a packer located at approximately 8,700 feet.

#### IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.



Prior to commencing injection operations into the well, the casing shall be pressure tested from the surface to the packer setting depth to assure the integrity of said casing.

The casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge at the surface or left open to the atmosphere to facilitate detection of leakage in the casing, tubing, or packer.

The injection well or system shall be equipped with a pressure limiting device which will limit the wellhead pressure on the injection well to no more than 1750 psi.

The Director of the Division may authorize an increase in injection pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the injected fluid from the Cisco formation. Such proper showing shall consist of a valid step-rate test run in accordance with and acceptable to this office.

The operator shall notify the supervisor of the Artesia district office of the Division of the date and time of the installation of disposal equipment and of any mechanical integrity test so that the same may be inspected and witnessed.

The operator shall immediately notify the supervisor of the Artesia district office of the Division of the failure of the tubing, casing, or packer in said well and shall take such steps as may be timely and necessary to correct such failure or leakage.

PROVIDED FURTHER THAT, jurisdiction is retained by the Division for the entry of such further orders as may be necessary for the prevention of waste and/or protection of correlative rights or upon failure of the operator to conduct operations (1) to protect fresh water or (2) consistent with the requirements in this order, whereupon the Division may, after notice and hearing, terminate the injection authority granted herein.

The operator shall submit monthly reports of the disposal operations on Division Form C-115, in accordance with Rule Nos. 706 and 1120 of the Division Rules and Regulations.

The injection authority granted herein shall terminate one year after the effective date of this order if the operator has not commenced injection operations into the subject well, provided however, the Division, upon written request by the operator, may grant an extension thereof for good cause shown.

*Corrected Administrative Order SWD-763*

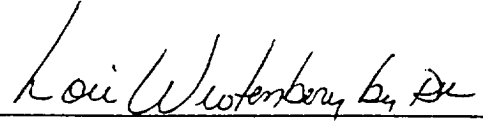
*Clayton Williams Energy, Inc.*

*June 6, 2000*

*Page 3*

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Approved at Santa Fe, New Mexico, on this 6th day of June, 2000.

A handwritten signature in cursive script, appearing to read "Lori Wrotenbery, Director", written over a horizontal line.

LORI WROTENBERY, Director

LW/MWA/kv

cc: Oil Conservation Division – Artesia  
State Land Office – Oil and Gas Division

### III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

### XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

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NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.



APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: Secondary Recovery Pressure Maintenance X Disposal Storage  
Application qualifies for administrative approval? Yes No
- II. OPERATOR: Mewbourne Oil Company  
ADDRESS: P. O. Box 7698, Tyler, TX 75711  
CONTACT PARTY: Monty Whetstone PHONE: (903) 561-2900
- III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.  
Additional sheets may be attached if necessary. Attachment 1
- IV. Is this an expansion of an existing project? Yes X No  
If yes, give the Division order number authorizing the project: \_\_\_\_\_
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review. Attachment 2
- VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail. Attachment 3
- VII. Attach data on the proposed operation, including: Attachment 4
1. Proposed average and maximum daily rate and volume of fluids to be injected;
  2. Whether the system is open or closed;
  3. Proposed average and maximum injection pressure;
  4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
  5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- \*VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval. Attachment 5
- IX. Describe the proposed stimulation program, if any. Attachment 6
- \*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted). Attachment 7
- \*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken. Attachment 8
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water. Attachment 9
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- NAME: Monty Whetstone TITLE: Vice-President of Operations  
SIGNATURE: Monty Whetstone DATE: July 21, 2000
- \* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: \_\_\_\_\_





**Mewbourne Oil Company**  
**New Mexico "EO" State Com #1**

1980' FNL & 660' FWL

Sec. 20, T17S, R29E

Eddy Co., New Mexico

API# 30-015-25077

**Re-entry for Proposed SWD**

June 27 2000

- 1) Excavate dry hole marker and weld on 9 5/8" SOW x 11" 3000# head with top of head at GL.
- 2) MIRU work-over unit and install 11" 3000# manual double BOP with 2 7/8" pipe rams and blinds.
- 3) PU 8 1/2" bit, bit sub and 1-4 3/4" drill collar with hydraulic swivel. Drill out surface plug and continue PU DC's for a total of 6.
- 4) PU 2 7/8", 10.4#, AOH drill pipe and continue to drill out cement plugs to top of 5 1/2" casing stub at +1300'. Circulate hole clean and TOOH. Stand 4 3/4" drill collars and drill pipe for later use.
- 5) PU 4 3/4" bit, bit sub and 6-3 1/2" drill collars with 2 7/8", 6.5#, N80 tubing. TIH and drill out cement plug in top of 5 1/2" casing stub. Continue TIH and drill out cement plugs to +5125'. Circulate hole clean and TOOH. Stand 3 1/2" DC's and tubing for later use.
- 6) PU 7 5/8" Kutrite flat bottom shoe, 2 jts. 7 5/8" washpipe and 7 5/8" Kutrite dress-off mill/top bushing. TIH with 6-4 3/4" DC's and 2 7/8" AOH DP to top of 5 1/2" casing stub at ±1300'.
- 7) Wash/cut over top of casing and continue wash over to bottom out casing stub on mill. Dress off 2-3' of casing or until "clean". TOOH and LD 4 3/4" drill collars, washpipe, shoe and mill.
- 8) PU 7 5/8" overshot with 5 1/2" grapple and TIH on 2 7/8" AOH DP. Work over top of casing and engage.
- 9) RU wireline truck and freepoint 5 1/2" casing to determine back off point. TIH with shot and back off casing in desired coupling. TOOH and LD fish and 2 7/8" AOH DP. RD wireline truck.
- 10) RU casing tools and run 5 1/2", 17#, N80 casing. Screw into top of casing stub and torque to specifications.
- 11) Load casing and test to 2000 psi to determine casing integrity.
- 12) ND 11" BOP, set 5 1/2" casing slips, cut off and NU 11" 3000# x 7 1/16" 3000# tubing spool. Test seal to 1500 psi. NU 7 1/16" manual double BOP with 2 7/8" pipe rams and blinds.



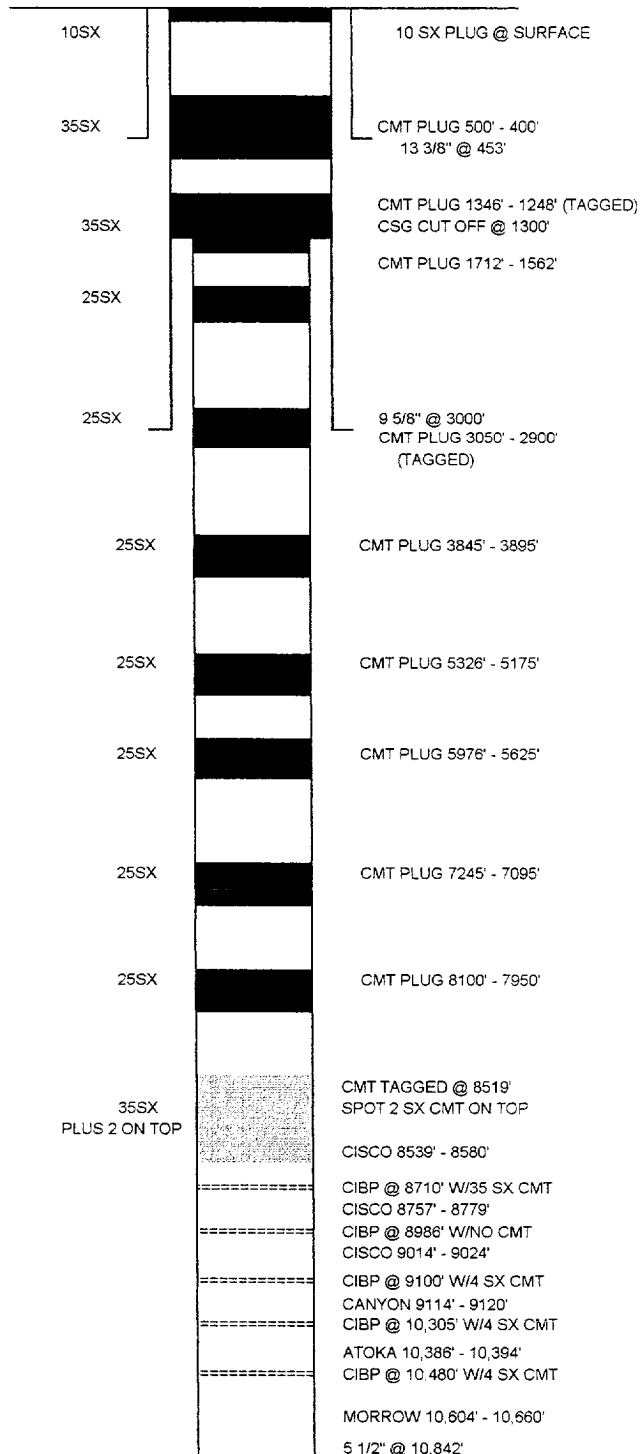
- 13) PU 4 3/4" bit and bit sub. TIH with 3 1/2" DC's and 2 7/8" tubing. Drill out cement plugs to 8710'. Circulate hole clean.
- 14) Drill out CIBP's at 8710' and 8988'. Clean out to  $\pm$ 9100' and circulate clean. TOOH and LD DC's, bit sub and bit.
- 15) PU 4 3/4" bit, 5 1/2" casing scraper and bit sub. TIH on 2 7/8" tubing. Drill out cement plugs and CIBP to 9100'. Circulate hole clean. TOH with BHA.
- 16) PU Loc-set packer and TIH to 8450'. Set packer and establish injection rate across new approved Cisco formation selected perforations from 8500' - 8950'.
- 17) Acidize all Cisco perms if necessary. Establish injection rate. Release packer. LD tubing and packer.
- 18) PU injection packer and 2 7/8" plastic coated tubing. Test tubing while running in the hole to 5000 psi. Set packer at  $\pm$ 8450'. Load and test annulus with 2% KCL packer fluid.
- 19) ND BOP and hang tubing in spool. Flange up wellhead and release all rental equipment.
- 20) Prepare location for surface equipment.

F.C. "Frosty" Lathan



**MEWBOURNE OIL COMPANY**  
**New Mexico "EO" State Com #1**  
**1980' FNL & 660' FWL**  
**Sec. 20, T17S, R29E**  
**Eddy Co., New Mexico**

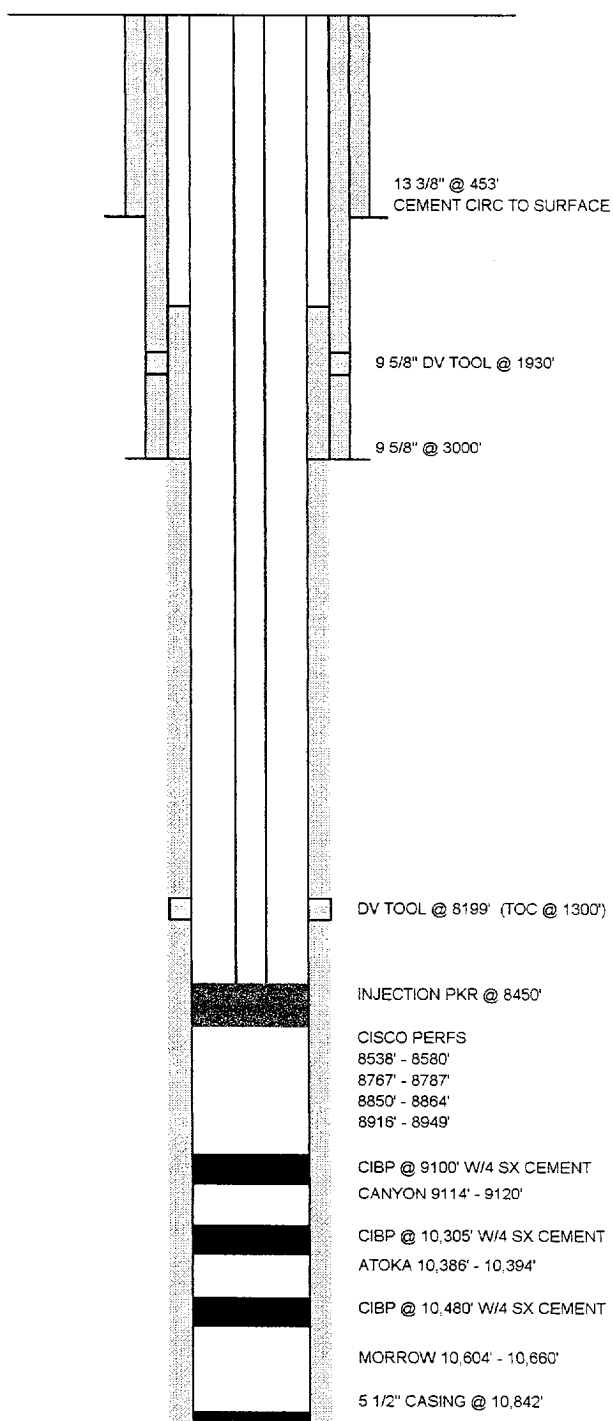
**WELLBORE SCHEMATIC**  
**(Current)**





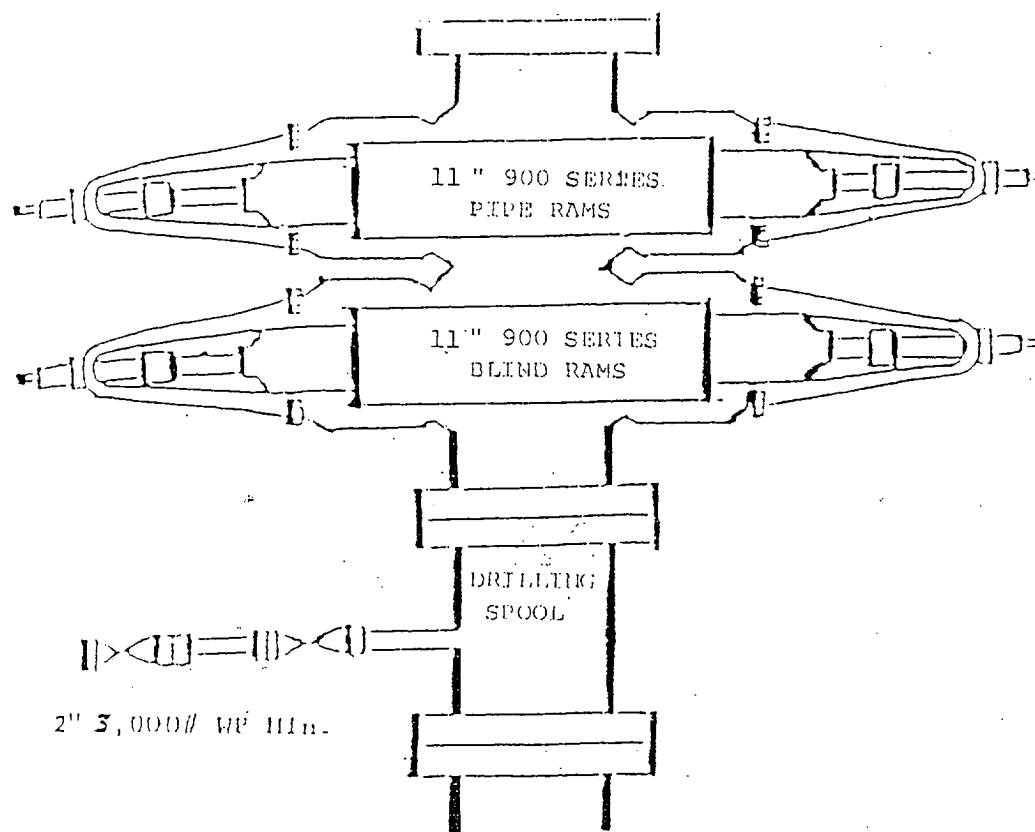
**MEWBOURNE OIL COMPANY**  
**New Mexico "EO" State Com #1**  
**1980' FNL & 660' FWL**  
**Sec. 20, T17S, R29E**  
**Eddy Co., New Mexico**

**WELLBORE SCHEMATIC**  
**(Proposed)**





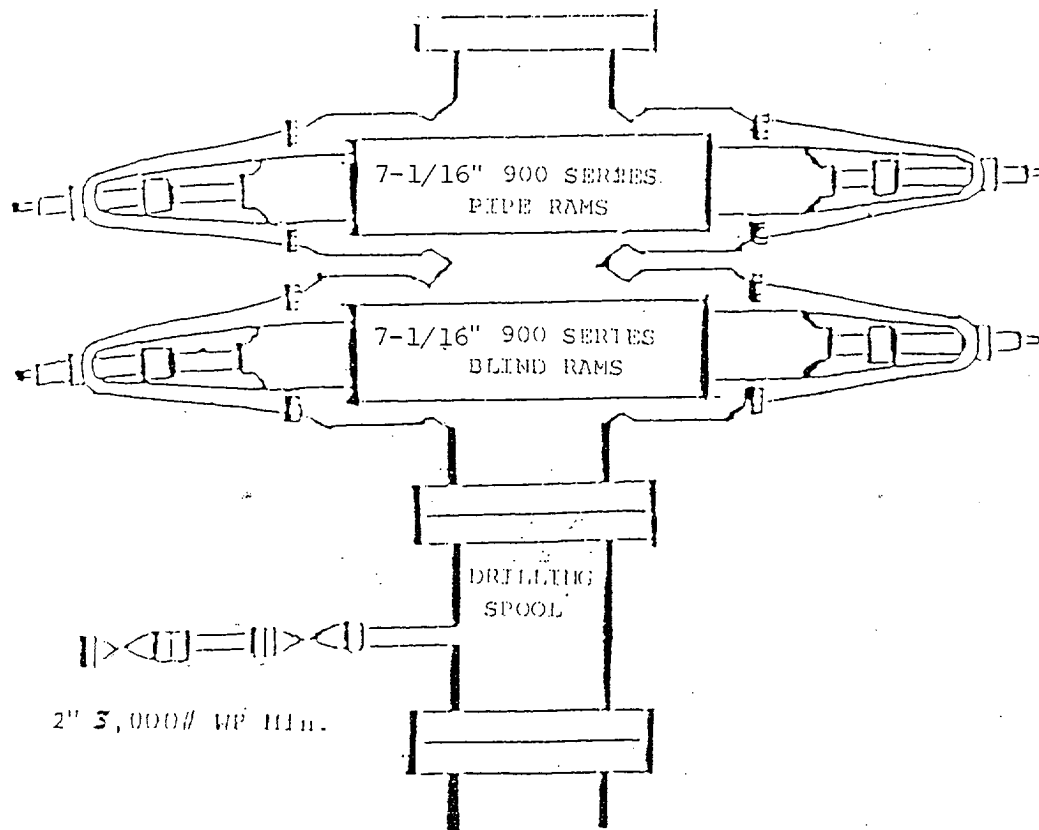




## BOP SCHEMATIC

New Mexico "EO" State Com #1  
 Sec.20; T-17S; R-29E  
 1980' FNL & 660' FWL  
 Eddy County, New Mexico





## BOP SCHEMATIC

New Mexico "EO" State Com #1  
 Sec.20; T-17S; R-29E  
 1980' FNL & 660' FWL  
 Eddy County, New Mexico

