

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
811 South First, Artesia, NM 88210

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

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-101

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 6 Copies

Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address Mewbourne Oil Company PO Box 5270 Hobbs, New Mexico 88214		OGRID Number 14744
		API Number 30 - 0 15-25077
Property Code 26901	Property Name New Mexico "EO" State Com	Well No. 1 SWD

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
E	20	17S	29E		1980	North	660	West	Eddy

Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
Proposed Pool 1 96138					Proposed Pool 2				

Work Type Code E	Well Type Code S	Cable/Rotary	Lease Type Code S	Ground Level Elevation 3638
Multiple	Proposed Depth 9100	Formation Cisco	Contractor TBA	Spud Date 09-05-00

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2	13 3/8	52	453	N/A	Surface
12 1/4	9 5/8	40	3000	N/A	Surface
8 3/4	5 1/2	17	10842	N/A	1500 +/-

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Well was P & A'ed as noted on attached Sundry dated 9/20/93. 5 1/2" casing was cut off @ 1300' & pulled.
Attached is Mewbourne Oil Company's procedure to re-enter well & use for water disposal.

T/Penn @ 8720'

Amended order needed to add parts. Bix

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

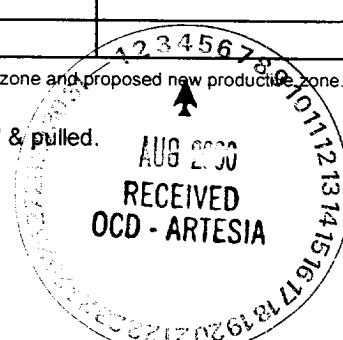
Signature: *N.M. Young*
Printed name: N.M. Young

Title: District Manager

OIL CONSERVATION DIVISION

Approved By: **ORIGINAL SIGNED BY TIM W. GUM** **DISTRICT II SUPERVISOR** **BEX**

Approval Date: **AUG 8 2000** Expiration Date: **AUG 8 2001**



District I
PO Box 1980, Hobbs, NM 88241-1980

District II
811 South First, Artesia, NM 88210

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

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-25077	2 Pool Code	3 Pool Name
4 Property Code	5 Property Name New Mexico "EO" State Com	6 Well Number #1
7 OGRID No.	8 Operator Name Mewbourne Oil Company	9 Elevation 3638

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
E	20	17S	29E		1980	North	660	West	Eddy

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No. SWD 763						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16 1980' 660'					17 OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i> Signature <u>N.M. Young</u> Printed Name <u>District Manager</u> Title <u>08-03-00</u> Date <u></u>
					18 SURVEYOR CERTIFICATION <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 belief.</i> Date of Survey <u></u> Signature and Seal of Professional Surveyer: <u></u> Certificate Number <u></u>

DISTRICT I
P.O. Box 1983, Hobbs, NM 88240

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

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

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

RECEIVED

APR 16 1993

WELL API NO.	30-015-25077
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	E-742

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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	7. Lease Name or Unit Agreement Name New Mexico "EO" State Com
2. Name of Operator Mewbourne Oil Company	8. Well No. 1
3. Address of Operator P.O. Box 5270 Hobbs, New Mexico 88241	9. Pool name or Wildcat South Empire Morrow Gas
4. 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 Section <u>20</u> Township <u>17S</u> Range <u>29E</u> NMPM <u>Eddy</u> County	10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3637.60' G.R.

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"/>	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 checked="" type="checkbox"/>
	CASING TEST AND CEMENT JOB <input 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.

1. Set 5-1/2" CIBP @ 8740'. Cap w/35 sx. cement.
2. Tagged cement @ 8519'. Spotted 2 sx. cement.
3. Set 25 sx. plug @ 8100'
4. Set 25 sx. plug @ 7245'.
5. Set 25 sx. plug @ 5975'.
6. Set 25 sx. plug @ 5325'.
7. Set 25 sx. plug @ 3845'.
8. Set 25 sx. plug @ 3050'.
9. Tagged plug @ 2900'.
10. Set 25 sx. plug @ 1712'.
11. Cut casing off 1300'. Lay down casing.
12. Set 35 sx. plug @ 1346'.
13. Tag plug @ 1248'.
14. Set 35 sx. plug @ 500'.

15. Cut off casing head.
16. Spot 10 sx. surface plug.
17. Install P & A marker & clean location.

*Note: Plugged as per MNOCD field representative.

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

SIGNATURE Erick W. Nelson TITLE Engineer DATE April 8, 1993

TYPE OR PRINT NAME Erick W. Nelson TELEPHONE NO.

(This space for State Use)

APPROVED BY Johnny Robinson TITLE Field Rep I DATE SEP 20 1993

CONDITIONS OF APPROVAL, IF ANY:

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Ent Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

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

DEC - 7 1992

O. C. D.

WELL API NO.

30-015-25077

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.
E-742

7. Lease Name or Unit Agreement Name

New Mexico "EO" State

8. Well No.

1

9. Pool name or Wildcat

South Empire Morrow Gas Pool

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

Mewbourne Oil Company

3. Address of Operator

P.O. Box 5270 Hobbs, New Mexico 88240

4. Well Location

Unit Letter E : 1980 Feet From The North Line and 660 Feet From The West Line

Section 20 Township 17S Range 29E NMPM Eddy County

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

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.

09/24/92 RIH w/CIBP & set CIBP @ 10,480' KB over Morrow perf. Dump 4 sx. cement on CIBP.

09/26/92 Perforated Atoka Formation (10,386'-10,394')

10/07/92 Acidize Atoka perfs. w/2500 gal. 7 1/2% HCL acid.

10/09/92 Set CIBP @ 10,305' over Atoka perfs. Dump 4 sx. cement.

10/10/92 Perforated Canyon formation (9114'-9120')

10/11/92 Acidize Canyon perfs. w/1500 gal 15% HCL acid

10/15/92 Set CIBP @ 9100' over Canyon formation. Dump 4 sx. of cement.

10/16/92 Perforated Cisco formation (9014'-9024')

10/17/92 Acidize Cisco perfs. w/3500 gal. of 15% HCL acid

10/20/92 Set CIBP @ 8988' over Cisco perfs.

10/21/92 Perforated Cisco formation (8767'-8787')

10/29/92 Acidize Cisco perfs. w/3500 gal. 15% HCL acid

11/18/92 Set RBP @ 8702. Dump 2 sx. sand

11/19/92 Perf. Upper Cisco from 8539'-8580'

11/20/92 Acidize Cisco w/
4000 gal. 15%
HCL acid.

11/25/92 Pulled RBP @ 8702

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

RIH w/tbg.

SIGNATURE

Brent Thurman

TITLE

Engineer

DATE

12/03/92

TYPE OR PRINT NAME

Brent Thurman

TELEPHONE NO.

505
393-5905

(This space for State Use)

ORIGINAL SIGNED BY

MIKE WILLIAMS

SUPERVISOR, DISTRICT II

APPROVED BY

TITLE

DATE

DEC 12 1992

CONDITIONS OF APPROVAL IF ANY:

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

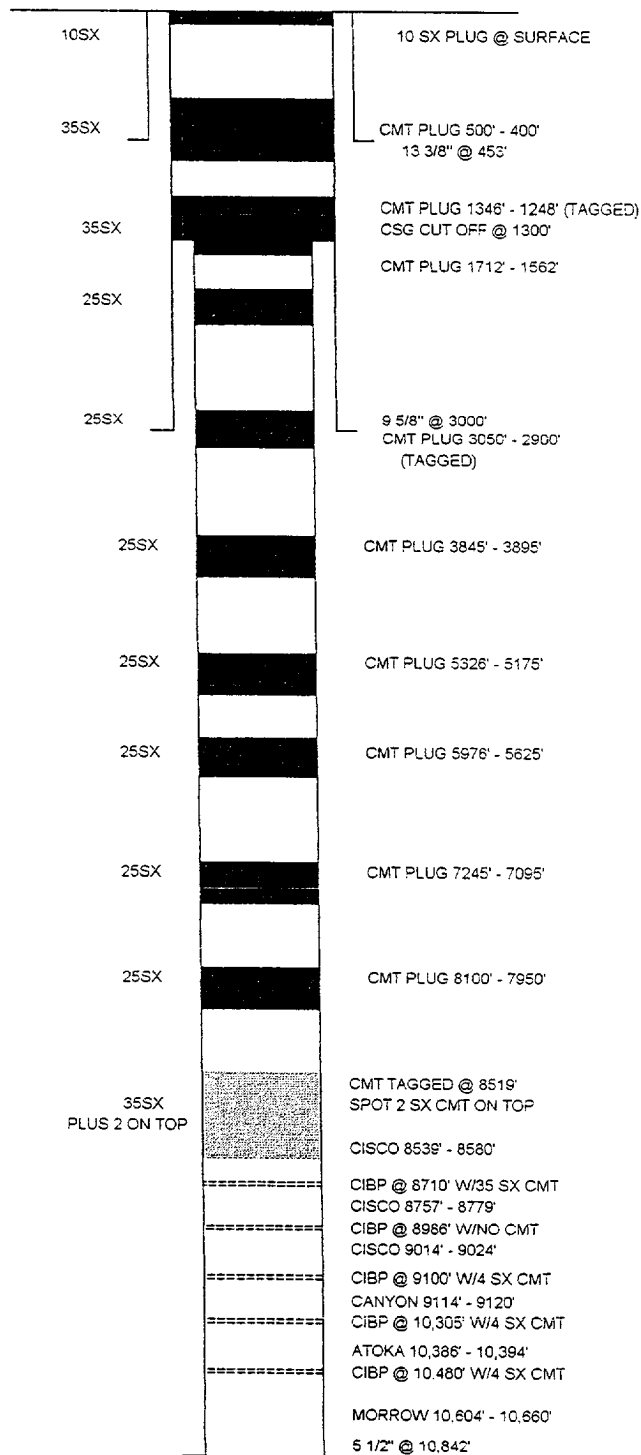
Re-entry for Proposed SWD
June 27 2000

- 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 TOO. 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 TOO. 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". TOO 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. TOO 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 perfs 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.

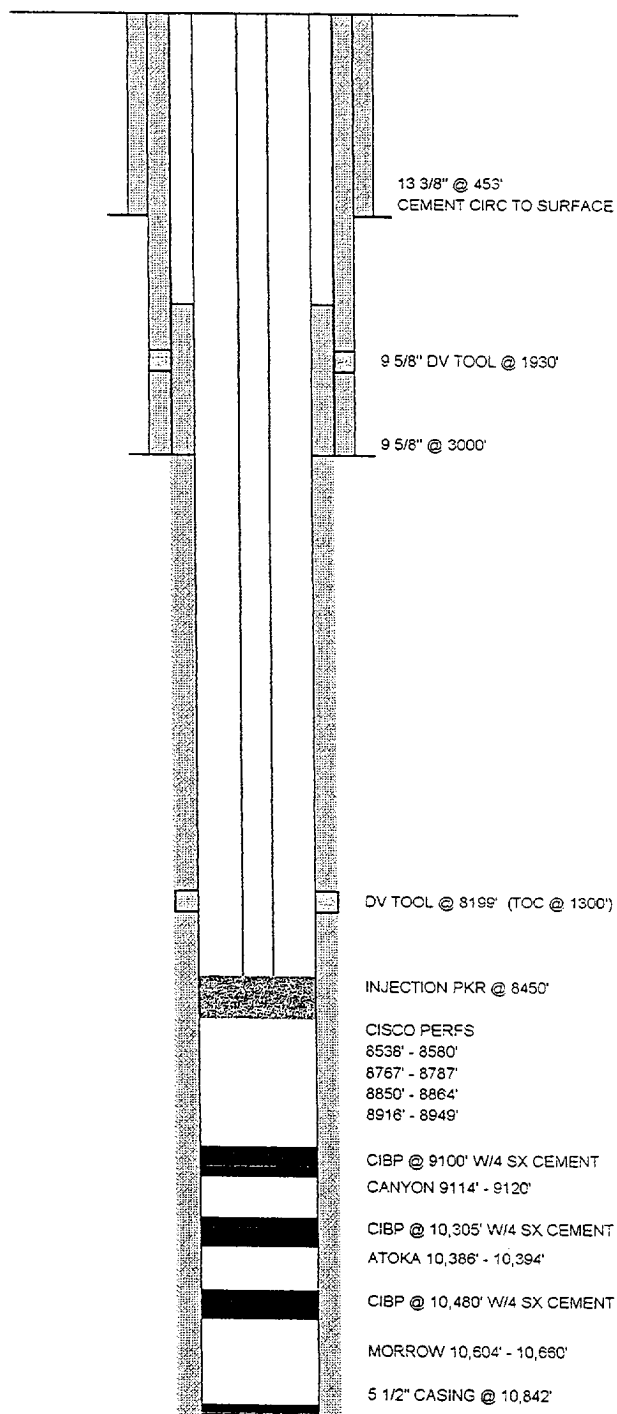
MEWBOURNE OIL COMPANY
 New Mexico "EO" State Com #1
 1980' FNL & 660' FWL
 Sec. 20, T17S, R29E
 Eddy Co., New Mexico

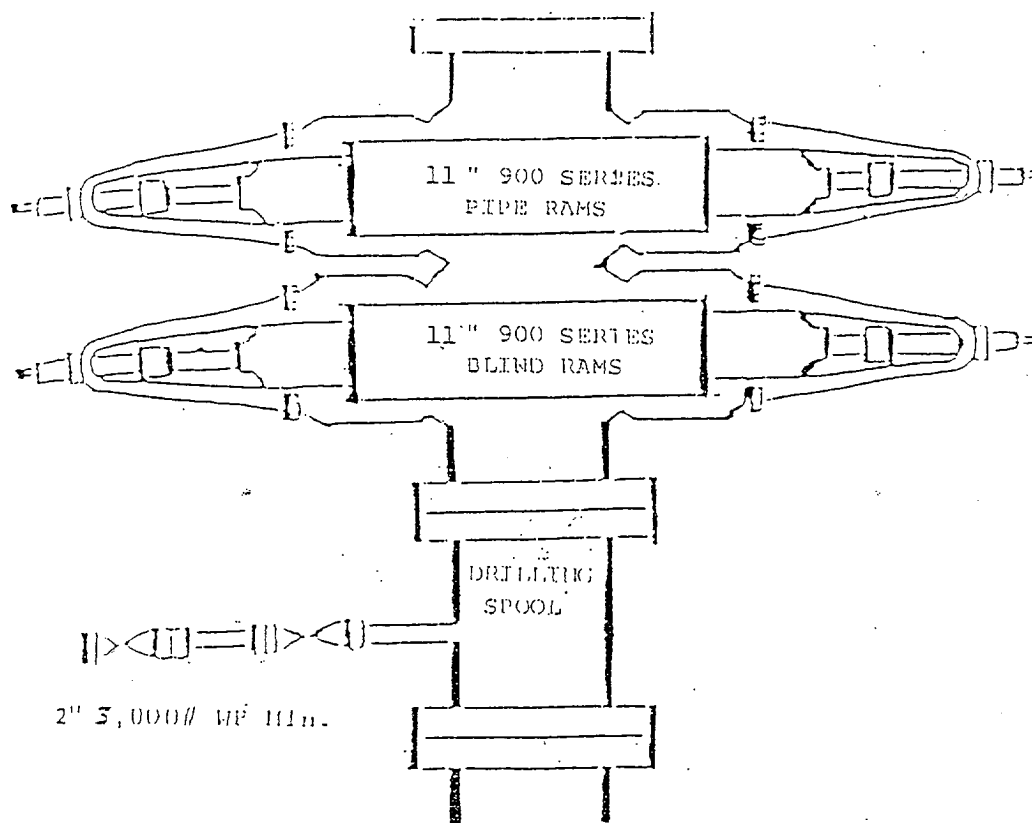
WELLBORE SCHEMATIC
 (Current)



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

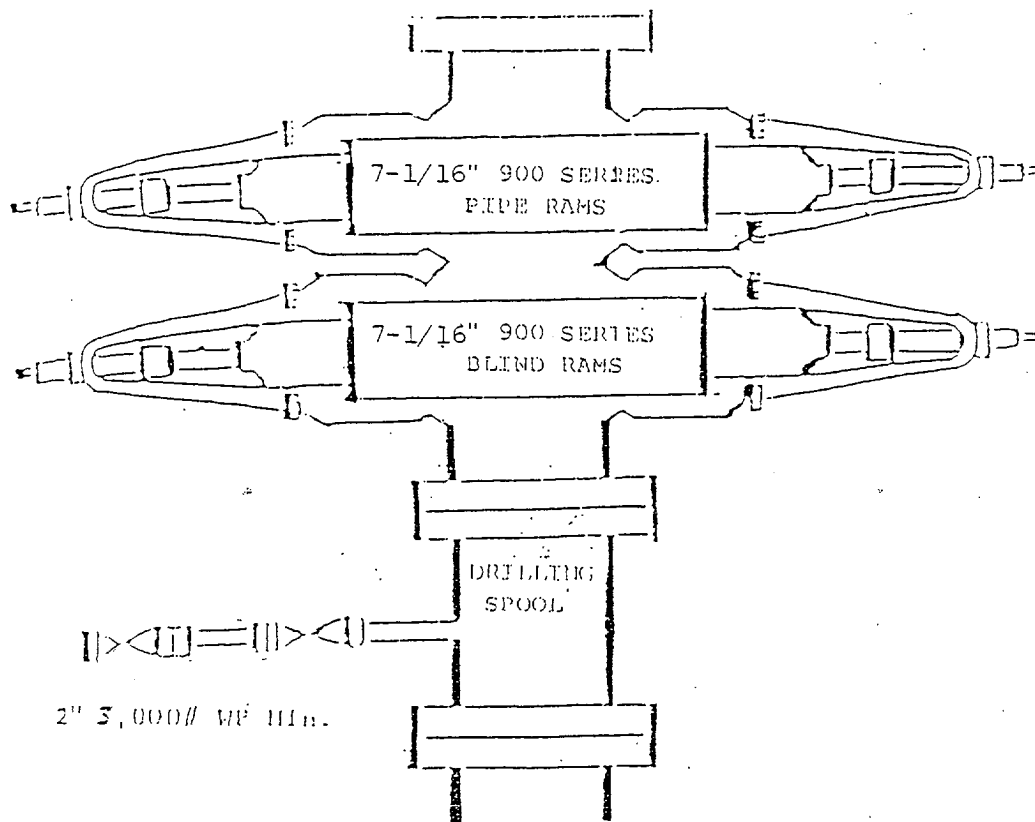
WELLBORE SCHEMATIC
(Proposed)





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

