



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

April 20, 1999

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

Attention: Robert Bullock

Re: Application dated April 15, 1999 for the Yates Petroleum Corporation to drill its proposed Concho "ACT" State Com. Well No. 1 at an unorthodox gas well location to test the Undesignated Crow Flats-Morrow Gas Pool 1650' FSL & 660' FEL (H) of Section 8, Township 17 South, Range 27 East, NMPM, Eddy County, New Mexico.

Dear Mr. Bullock:

I am returning the subject application. An active APD for the Morrow interval underlying the N/2 of Section 8 exists for Concho Resources, Inc.'s proposed Chama "8" Federal Com. Well No. 1 (API No. 30-015-30472) to be drilled at a standard gas well location in Unit "B" of Section 8 (see copy of the Division's records attached).

Should you have additional information concerning this matter please resubmit your application with full details.

Thank you.

Sincerely,

Michael E. Stogner
Chief Hearing Officer/Engineer

cc: New Mexico Oil Conservation Division – Artesia
U. S. Bureau of Land Management – Carlsbad
William F. Carr, Legal Counsel for Yates Petroleum Corporation – Santa Fe
Kathy Valdes, NMOCD – Santa Fe

MARTIN YATES, III
1912 - 1985
FRANK W. YATES
1936 - 1986



105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210
TELEPHONE (505) 748-1471

S. P. YATES
CHAIRMAN OF THE BOARD
JOHN A. YATES
PRESIDENT
PEYTON YATES
EXECUTIVE VICE PRESIDENT
RANDY G. PATTERSON
SECRETARY
DENNIS G. KINSEY
TREASURER

APR 19 1999

April 15, 1999

Mr. Michael Stogner
New Mexico Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

Re: Application for Unorthodox Well Location
Concho ACT State Com #1 Well
Township 17 South, Range 27 East
Section 8: N/2
Eddy County, New Mexico

Dear Mr. Stogner:

Yates Petroleum Corporation respectfully requests administrative approval for an unorthodox Morrow gas well location, the Concho ACT State Com #1. The well is located on State of New Mexico minerals, 1650' FNL and 660' FEL of Section 8, Township 17 South, Range 27 East, Eddy County, New Mexico. The acreage dedicated to the well is the N/2 of Section 8 which is 50% State of New Mexico minerals and 50% USA minerals.

The necessity for this unorthodox location is based on geologic conditions prevailing in the primary objective Lower Morrow clastics interval.

The sand isopach map is enclosed herewith. The map exhibit is an isopach map of the Lower Morrow clastics. Double circled well spots are Morrow penetrations. The contour interval is 20 feet. The spacing unit is outlined in red and the proposed location is pointed out.

The isopach map depicts the varying thickness of the Lower Morrow to Mississippian unconformity interval in the environs of the subject proration unit. Contouring of the available well control shows that the proposed location is on the west flank of the main "thick" in the area. Experience in this area has shown that wells in or near "thicks" have a much better chance of encountering Lower Morrow alluvial channel sand reservoirs capable of producing very good economic volumes of gas.

The proposed location should encounter sufficient Lower Morrow interval to accommodate an alluvial sand channel capable of producing economic reserves of gas.

Notification to the offset operator(s) to the east was made by certified mail on April 15, 1999 including a copy of this application letter with all attachments.

New Mexico Oil Conservation Division
April 15, 1999

Page 2

Yates requests that this unorthodox well location be administratively approved if no objections are received within the cited twenty (20) days as required by New Mexico Oil Conservation Division regulations or earlier if waivers are received.

Enclosed with the isolith map are forms C-101, C-102 and a land plat showing offset operator(s).

Please call me at 505-748-4351 if you need further information.

Thank you.

Very truly yours,

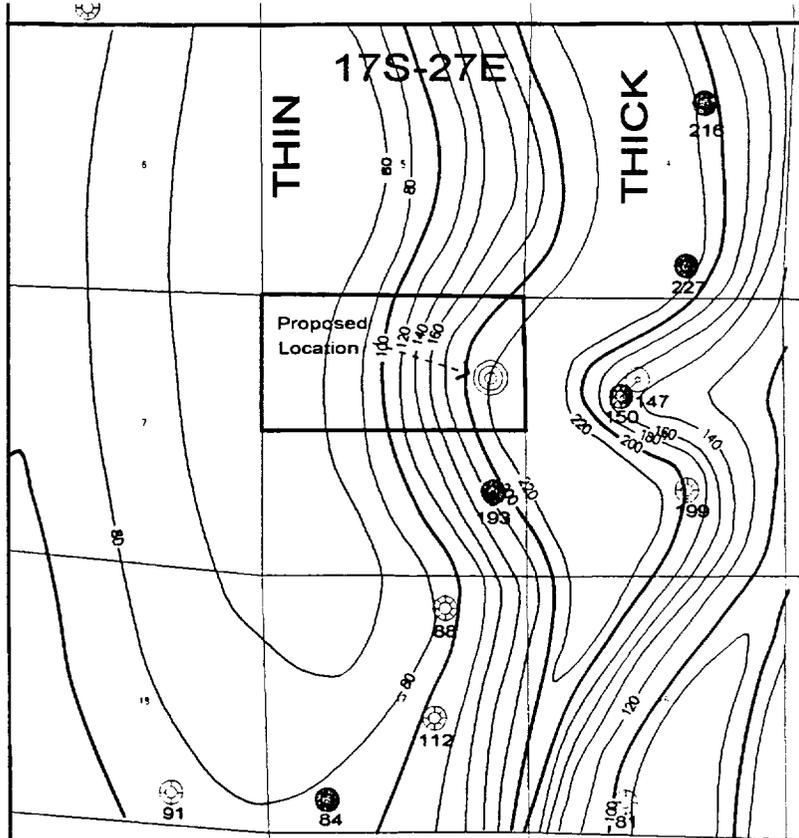
YATES PETROLEUM CORPORATION

A handwritten signature in black ink that reads "Robert Bullock". The signature is written in a cursive style with a large, prominent initial "R".

Robert Bullock
Landman

RB/mw

Enclosures



| LEGEND | |
|--------|---|
| | Morrow Penetrations |
| | Lower Morrow to Miss. Thickness |
| | Lower Morrow Producer |
| | Solid Contours of Lower Morrow to Miss. Thickness: C.I. = 20' |

| YATES PETROLEUM CORPORATION | | |
|---------------------------------------|--------------|----------------------|
| New Mexico | | |
| Empire - Logan Draw - Dog Canyon Area | | |
| Isopach Lower Morrow Clastics | | |
| Prepared by: Ray Beck | Date: 5-1-70 | Sheet: 411599 |
| Scale: 1:4000 | | Drawn by: F. Fuentes |

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

Form C-101
 Revised October 18, 1994
 Instructions on back
 Submit to Appropriate District Office
 State Lease - 6 Copies
 Fee Lease - 5 Copies

OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, NM 87505

AMENDED REPORT

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

| | | |
|--|---|-------------------------------------|
| ¹ Operator Name and Address. YATES PETROLEUM CORPORATION 105 South Fourth Street Artesia, New Mexico 88210 | | ² OGRID Number 025575 |
| | | ³ API Number 30 - 0 |
| ⁴ Property Code | ⁵ Property Name Concho "ACT" State Com. | ⁶ Well No. 1 |

⁷ Surface Location

| UL or lot no. | Section | Township | Range | Lot Ida | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| H | 8 | 17S | 27E | | 1650' | North | 660' | East | Eddy |

⁸ Proposed Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Ida | Feet from the | North/South line | Feet from the | East/West line | County |
|--|---------|----------|-------|---------|-------------------------------|------------------|---------------|----------------|--------|
| ⁹ Proposed Pool 1 Morrow | | | | | ¹⁰ Proposed Pool 2 | | | | |

| | | | | |
|-----------------------------------|---------------------------------------|-----------------------------------|--|---|
| ¹¹ Work Type Code N | ¹² Well Type Code G | ¹³ Cable/Rotary R | ¹⁴ Lease Type Code S | ¹⁵ Ground Level Elevation 3362' |
| ¹⁶ Multiple No | ¹⁷ Proposed Depth 9150' | ¹⁸ Formation Morrow | ¹⁹ Contractor Undesignated | ²⁰ Spud Date ASAP |

²¹ Proposed Casing and Cement Program

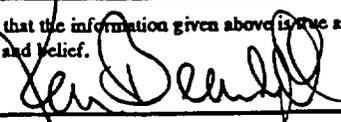
| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|---------------|
| 12 1/4" | 8 5/8" | 24# J-55 | 1400' | 500 sx | Circulated |
| 7 7/8" | 4 1/2" | 11.6# S-95 | 9150' | 400 sx | TOC 7500' |
| | | | | | |
| | | | | | |

²² 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.

Yates Petroleum Corporation proposes to drill and test the Morrow and intermediate formations. Approximately 1400' of surface casing will be set and cement circulated to shut off gravel and cavings. If commercial, production casing will be run and cement circulated, will perforate and stimulate as needed for production.

MUD PROGRAM: 0-1400' FW; 1400'-4700' FW Gel; 4700'-8100' Cut Brine; 8100'-TD Salt Gel/Starch.

BOPE PROGRAM: BOPE will be installed on the 8 5/8" casing and tested daily for operational.

| | | |
|--|--|------------------|
| ²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature:  | OIL CONSERVATION DIVISION | |
| Printed name: KEN BEARDEMPHL | Approved by: | |
| Title: LANDMAN | Title: | |
| Date: April 6, 1999 | Approval Date: | Expiration Date: |
| Phone: 505-748-4348 | Conditions of Approval: Attached <input type="checkbox"/> | |

District I
 PO Box 1980, Hobbs, NM 88241-1980
 District II
 PO Drawer DD, Artesia, NM 88211-0719
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
 Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
 PO Box 2088
 Santa Fe, NM 87504-2088

Form C-102
 Revised February 10, 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

| | | | |
|---------------------|--|-----------|---------------------|
| API Number | | Pool Code | Pool Name Morrow |
| Property Code | Property Name CONCHO "ACT" STATE COM | | Well Number 1 |
| OGRID No. 025575 | Operator Name YATES PETROLEUM CORPORATION | | Elevation 3362. |

Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| H | 8 | 17-S | 27-E | | 1650 | NORTH | 660 | EAST | EDDY |

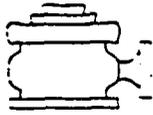
Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| | | | | | | | | | |

| | | | |
|------------------------|-----------------|--------------------|-----------|
| Dedicated Acres 320 | Joint or Infill | Consolidation Code | Order No. |
|------------------------|-----------------|--------------------|-----------|

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

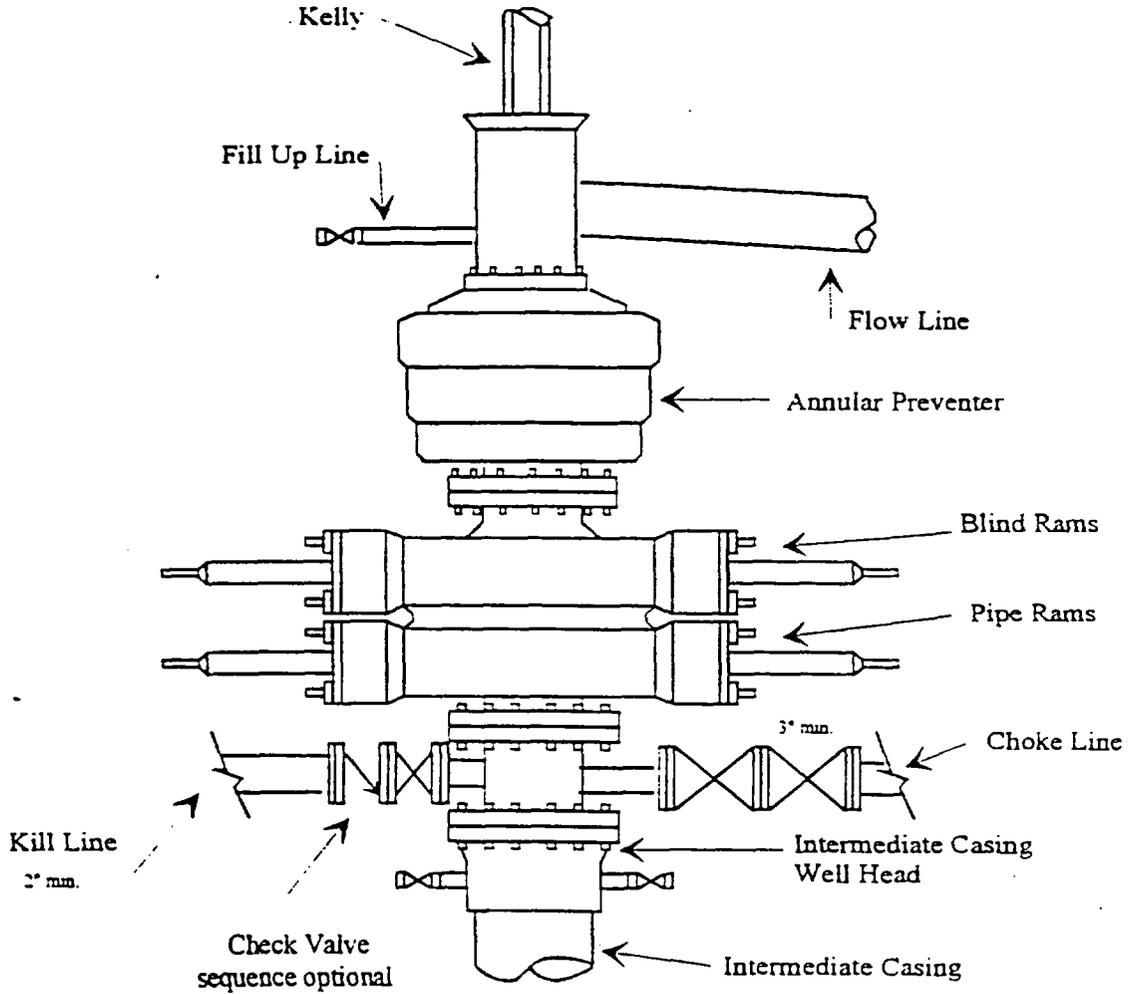
| | |
|--|---|
| | <p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature: <i>Ken Beardemphl</i></p> <p>Printed Name: Ken Beardemphl</p> <p>Title: Landman</p> <p>Date: April 6, 1999</p> |
| | <p>18 SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was placed 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.</p> <p>APRIL 3, 1999</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor: </p> <p>Certificate Number: NM REGPS-NQ.000942</p> |



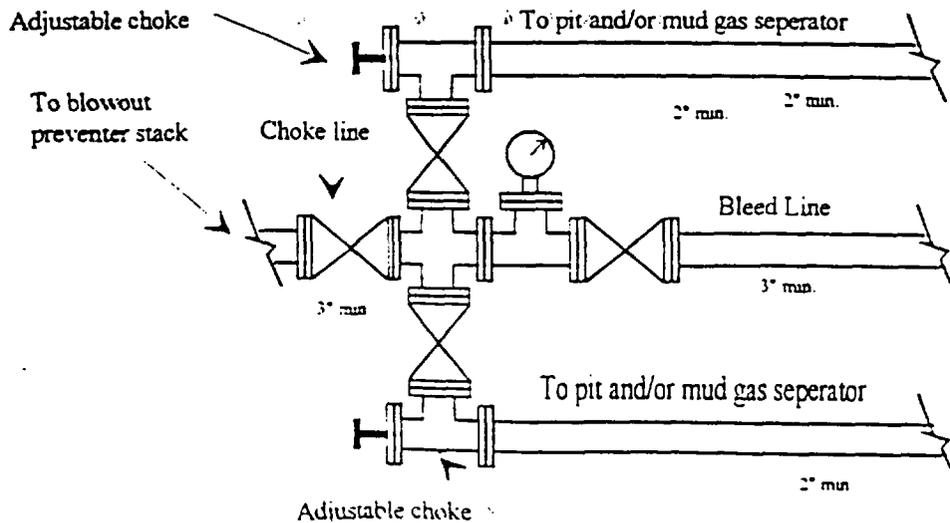
Yates Petroleum Corporation

BOP-3

Typical 3,000 psi Pressure System Schematic Annular with Double Ram Preventer Stack



Typical 3,000 psi choke manifold assembly with at least these minimum features



Notification List of Offset Operator(s)
to Unorthodox Morrow Gas well location
Concho "ACT" St. Com. #1
Township 17 South, Range 27 East
Section 8: 1650' FNL & 660' FEL
Eddy County, New Mexico

Oxy USA, Inc.
Box 50250
Midland, Texas 79710

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

48
Form C-104

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

5 Copies

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

| | | |
|--|---|--|
| ¹ Operator name and Address Concho resources, Inc. 110 W. Louisiana, Suite 410 Midland, Tx 79701 | | ² OGRID Number 16411-166111 |
| | | ³ Reason for Filing Code CH 2/1/99 |
| ⁴ API Number 30 - 0 15-30472 | ⁵ Pool Name Crow Flat - Morrow | ⁶ Pool Code 75720 |
| ⁷ Property Code 24303 | ⁸ Property Name Chama "8" Federal Com | ⁹ Well Number 1 |

II. 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| B | 8 | 17S | 27E | | 660 | North | 1650 | East | Eddy |

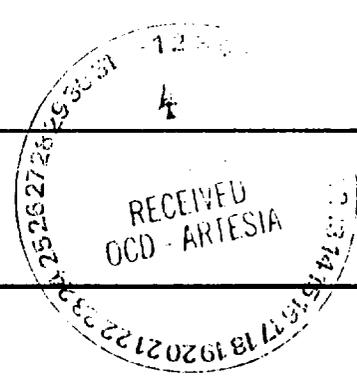
¹¹ Bottom Hole Location

| Ul or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South Line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| B | 8 | 17S | 27E | | 660 | North | 1650 | East | Eddy |

| | | | | | |
|------------------------|--|-----------------------------------|-----------------------------------|------------------------------------|-------------------------------------|
| ¹² Lse Code | ¹³ Producing Method Code N/A | ¹⁴ Gas Connection Date | ¹⁵ C-129 Permit Number | ¹⁶ C-129 Effective Date | ¹⁷ C-129 Expiration Date |
|------------------------|--|-----------------------------------|-----------------------------------|------------------------------------|-------------------------------------|

III. Oil and Gas Transporters

| ¹⁸ Transporter OGRID | ¹⁹ Transporter Name and Address | ²⁰ POD | ²¹ O/G | ²² POD ULSTR Location and Description |
|---------------------------------|--|-------------------|-------------------|--|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |



IV. Produced Water

| | |
|-------------------|--|
| ²³ POD | ²⁴ POD ULSTR Location and Description |
|-------------------|--|

V. Well Completion Data

| | | | | | |
|-------------------------|------------------------------------|-------------------------|----------------------------|----------------------------|---------------------------|
| ²⁵ Spud Date | ²⁶ Ready Date | ²⁷ TD | ²⁸ PBTD | ²⁹ Perforations | ³⁰ DHC, DC, MC |
| ³¹ Hole Size | ³² Casing & Tubing Size | ³³ Depth Set | ³⁴ Sacks Cement | | |
| | | | | | |
| | | | | | |
| | | | | | |

VI. Well Test Data

| | | | | | |
|----------------------------|---------------------------------|-------------------------|---------------------------|-----------------------------|-----------------------------|
| ³⁶ Date New Oil | ³⁶ Gas Delivery Date | ³⁷ Test Date | ³⁸ Test Length | ³⁹ Tbg. Pressure | ⁴⁰ Csg. Pressure |
| ⁴¹ Choke Size | ⁴² Oil | ⁴³ Water | ⁴⁴ Gas | ⁴⁵ AOF | ⁴⁶ Test Method |

⁴⁷ I hereby certify that the rules 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: *Terri Stattem*
 Printed name: Terri Stattem
 Title: Production Analyst
 Date: 01/22/99
 Phone: 915-683-7443

OIL CONSERVATION DIVISION

Approved by: *Jim W. Seem* B00
 Title: District Supervisor
 Approval Date: 3-10-99

⁴⁸ If this is a change of operator fill in the OGRID number and name of the previous operator

Penwell Energy, Inc., OGRID #147380

| | | | |
|--|------------------------------|-----------------------------|------------------|
| Previous Operator Signature <i>L. D. Walker</i> | Printed Name Linda Walker | Title Regulatory Analyst | Date 01/22/99 |
|--|------------------------------|-----------------------------|------------------|

(July 1992)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

811 (Other Instructions on reverse side) ARTESIA, NM 88210-2804

FORM APPROVED OMB NO. 1004-0136 Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL [X] DEEPEN []
b. TYPE OF WELL OIL WELL [] GAS WELL [X] OTHER [] SINGLE ZONE [X] MULTIPLE ZONE []
2. NAME OF OPERATOR PENWELL ENERGY, INC. (BILL PIERCS) 915-683-2534 147380
3. ADDRESS AND TELEPHONE NO. 600 NORTH MARIENFELD SUITE 1100 MIDLAND, TEXAS 79701
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) AT SURFACE 1650' FEL & 660' FNL SEC. 8 UNIT "B" T17S-R27E EDDY CO. NM At proposed prod. zone SAME

5. LEASE DESIGNATION AND SERIAL NO. NM-98809
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME WELL NO. 23832 CHAMA "8" FEDERAL #1
9. AP WELL NO. 30-015-30472
10. FIELD AND POOL OR WILDCAT CROW FLAT - MORROW 7572
11. SEC., T., R., M. OR BLK. AND SUBVEY OR AREA SEC. 8 T17S-R27E
12. COUNTY OR PARISH EDDY CO. 13. STATE NM

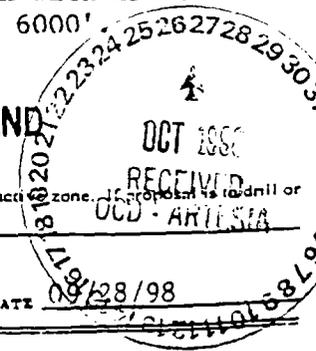
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 5 miles Northeast of Artesia New Mexico
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 660'
16. NO. OF ACRES IN LEASE 320
17. NO. OF ACRES ASSIGNED TO THIS WELL 320
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. NA
19. PROPOSED DEPTH 9200'
20. ROTARY OR CABLE TOOLS ROTARY
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3360' GR.
22. APPROX. DATE WORK WILL START* WHEN APPROVED

Table with 5 columns: SIZE OF HOLE, GRADE SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Includes rows for 25" hole, 12 1/2" hole, 7 7/8" hole, and 17-1/2" hole.

- 1. Drill 25" hole to 40'. Set 40' of 20" conductor pipe and cement to surface with Redi-mix
2. Drill 12 1/2" hole to 1850'. Run and set 1850' of 8 5/8" J-55 24# ST&C casing. Cement with 950 Sx. of Class "C" cement, circulate cement to surface.
3. Drill 7 7/8" hole to 9200'. Run and set 9200' of 5 1/2" casing as follows: 1500' of 5 1/2" 17# N-80 LT&C, 2200' of 5 1/2" J-55 17# LT&C, 3100' of 5 1/2" J-55 15.5# LT&C, 2400' of 5 1/2" 17# J-55 LT&C casing. Cement with 350 Sx. of Halco Light, tail in with 250 Sx. of Class "H" Premium Plus cement + additives, estimate top of cement 6000'

SUBJECT TO LIKE APPROVAL BY STATE

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on proposed productive zone and proposed new production zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE Agent DATE 09/28/98

PERMIT NO. APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

CONDITIONS OF APPROVAL IF ANY: Acting Assistant Field Office Manager. Lands and Minerals (ORIG. SGD.) ARMANDO A. LOPEZ DATE OCT 26 1998

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|---------------------|--------------------------------------|---------------------------------|
| API Number | Pool Code 75720 | Pool Name CROW FLAT - MORROW |
| Property Code | Property Name Chama "8" Federal | Well Number 1 |
| OGRID No. 147380 | Operator Name Penwell Energy Inc. | Elevation 3360' |

Surface Location

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| B | 8 | 17 S | 27 E | | 660 | North | 1650 | East | Eddy |

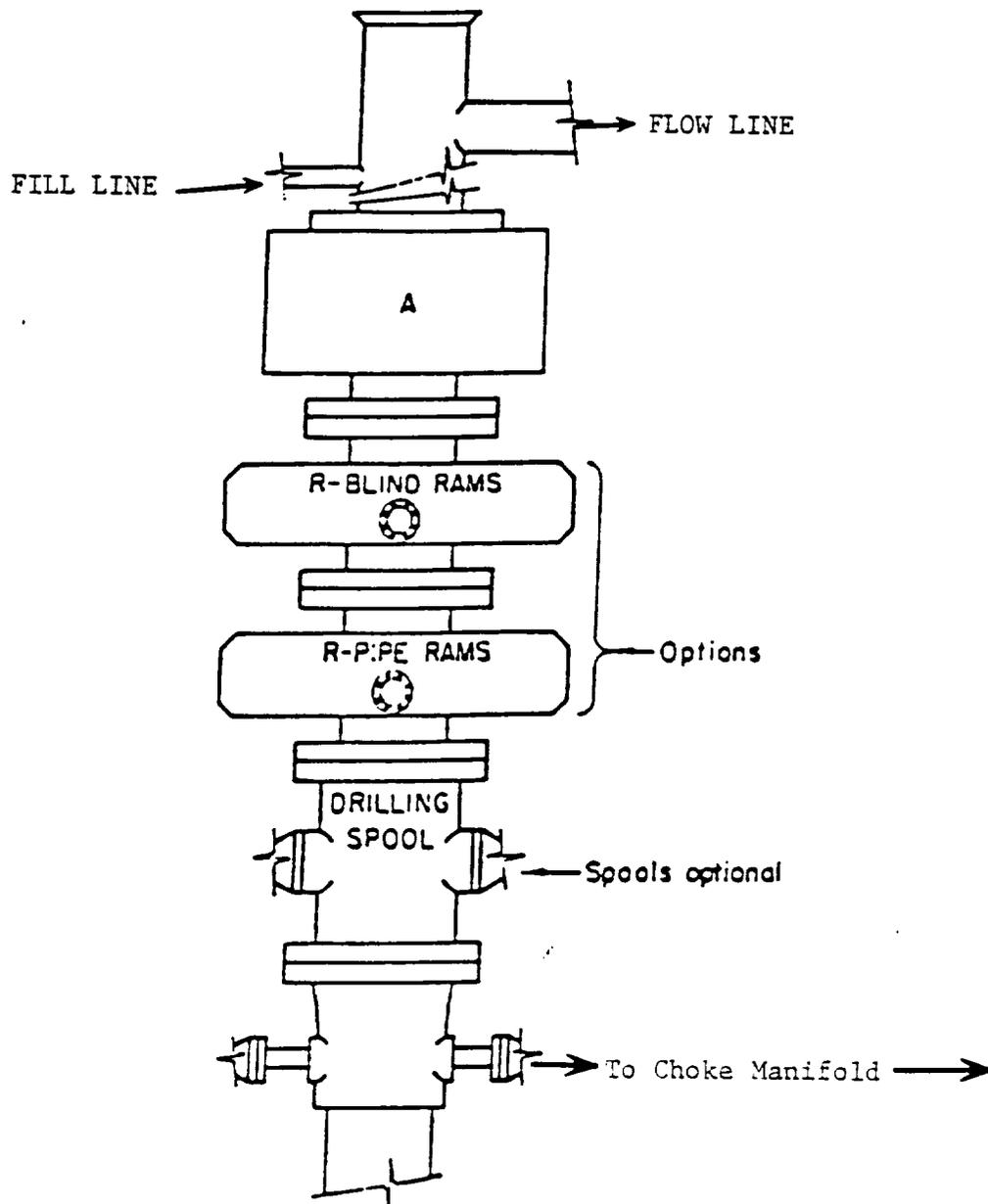
Bottom Hole Location If Different From Surface

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| | | | | | | | | | |

| | | | |
|------------------------|-----------------|--------------------|-----------|
| Dedicated Acres 320 | Joint or Infill | Consolidation Code | Order No. |
|------------------------|-----------------|--------------------|-----------|

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

| | |
|--|--|
| | <p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Joe T. Janica</i> Signature</p> <p>Joe T. Janica Printed Name</p> <p>Agent Title</p> <p>09/28/98 Date</p> |
| | <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>September 24, 1998 Date Surveyed</p> <p><i>W. Q. Jones</i> Signature Professional Surveyor</p> <p>W. Q. Jones Certificate No. 7977</p> <p>Basin Surveys</p> |

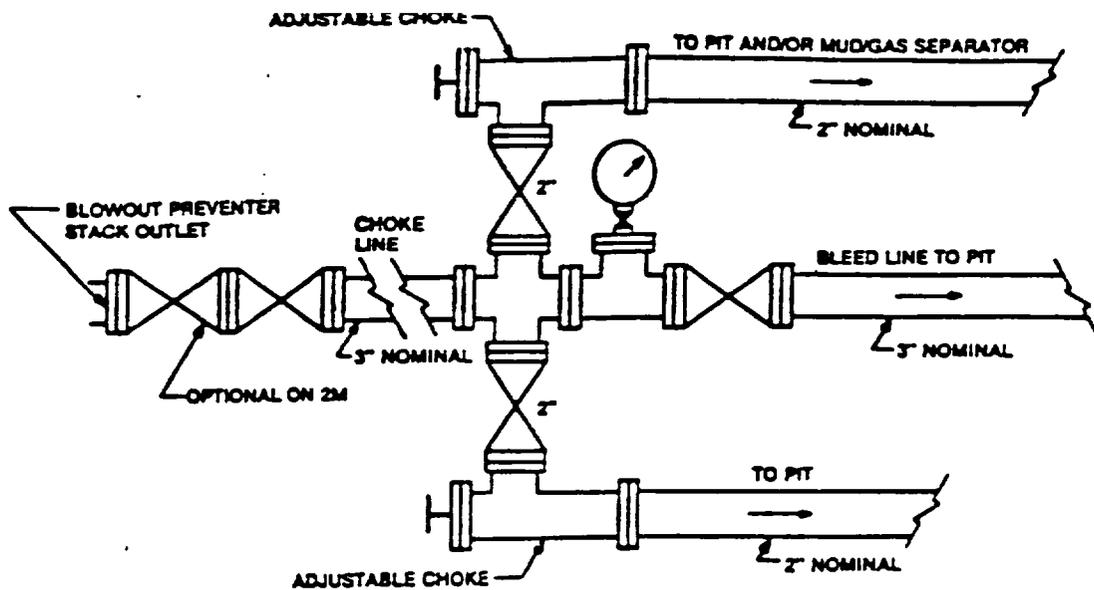


ARRANGEMENT SRRA

900 Series
3000 PSI WP

EXHIBIT "E"
B.O.P. SKETCH TO BE USEN ON

PENWELL ENERGY, INC.
CHAMA "8" FEDERAL # 1
UNIT "B" SECTION 8
T17S-R27E EDDY CO NM



Typical choke manifold assembly for 3M WP system

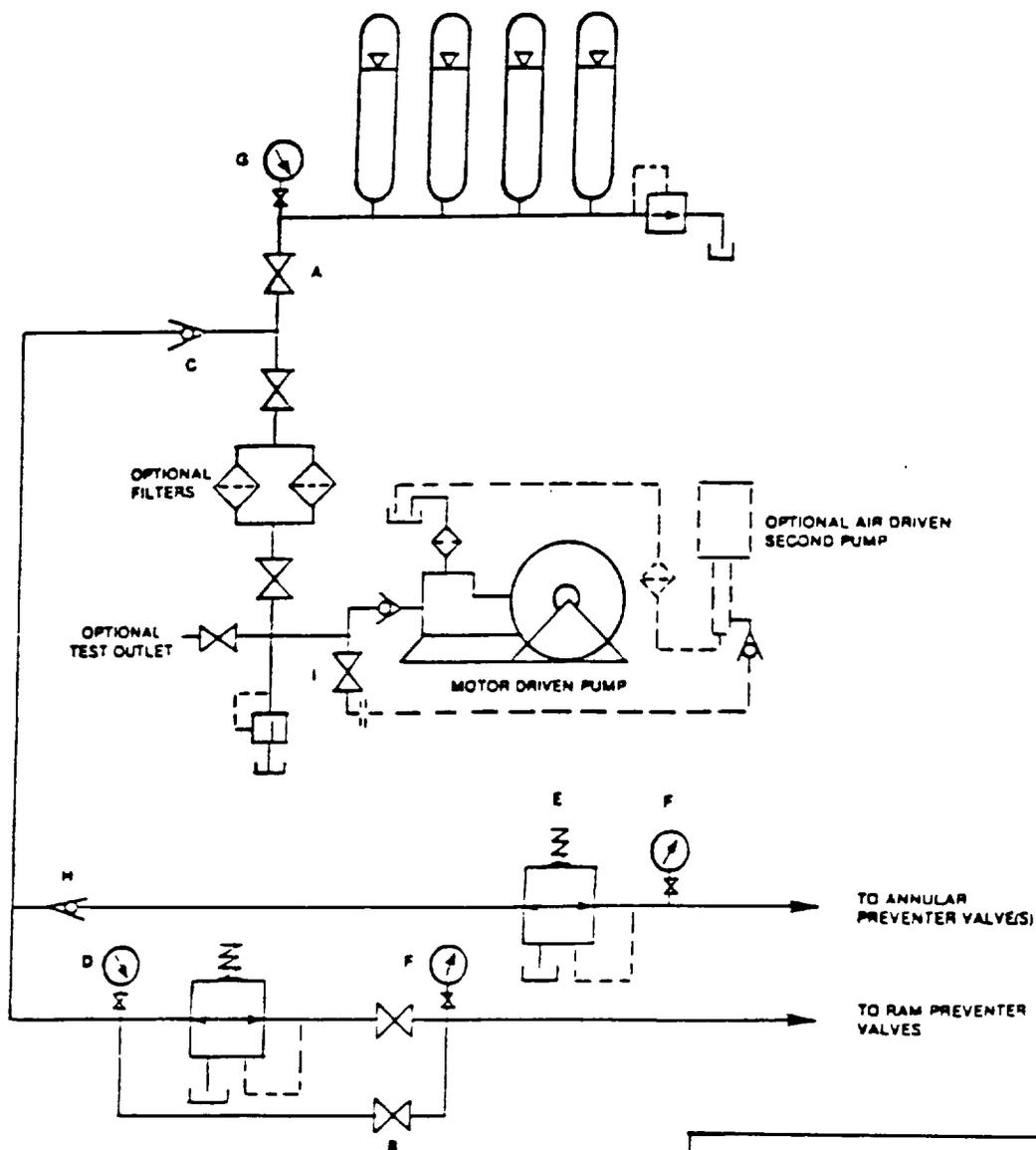
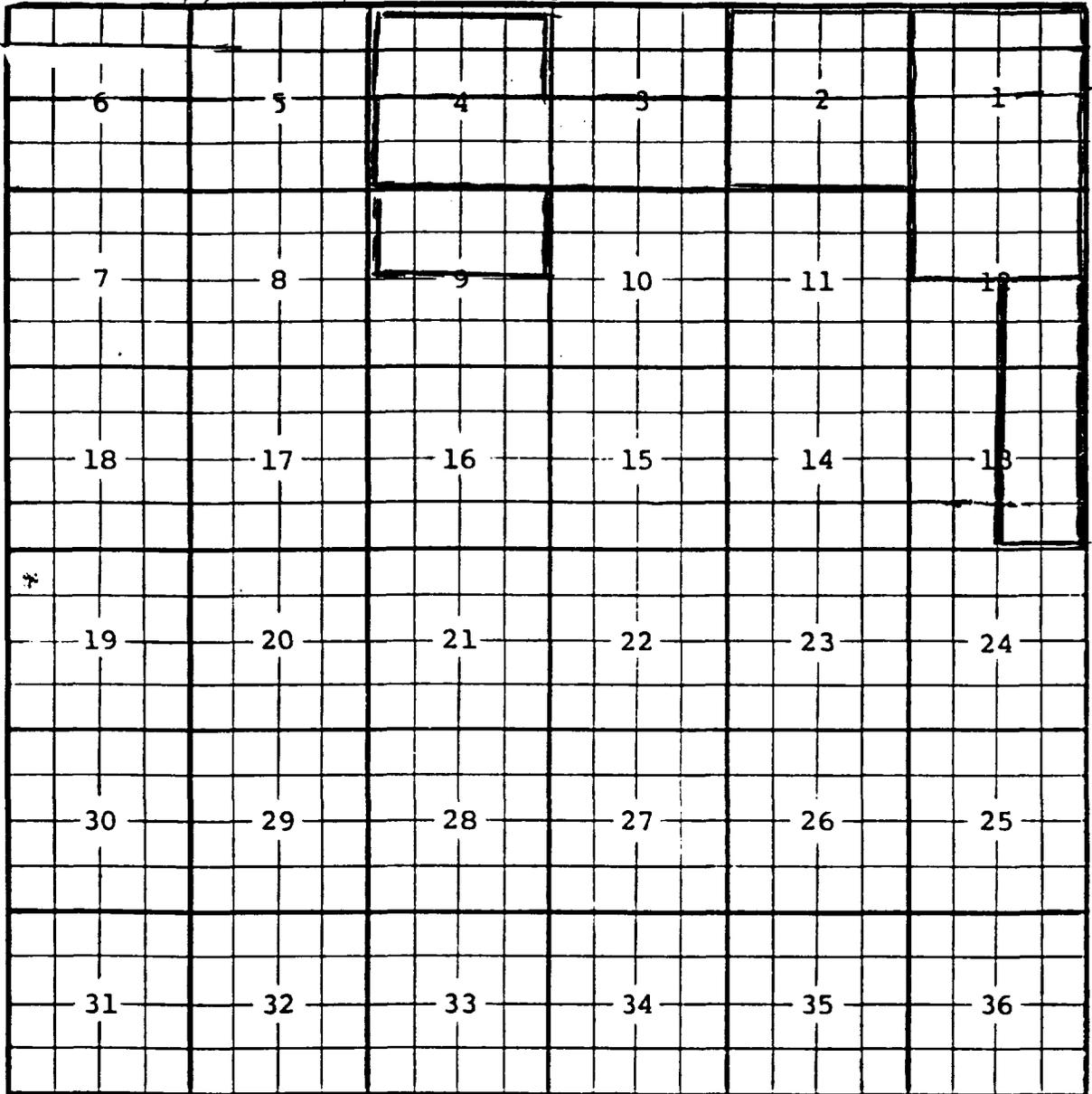


EXHIBIT "E-1"
CHOKE MANIFOLD & CLOSING UNIT

PENWELL ENERGY, INC.
CHAMA "8" FEDERAL # 1
UNIT "B" SECTION 8
T176-2278 FDDY CO. NM

County Eddy Pool Crow Flats - Morrow Gas

TOWNSHIP 17 South Range 27 East NMPM



EXT: All sec 1, $\frac{N}{2}$ sec 12 (R-6994, 5-28-82)

Ext: All Sec 2 (A-7248, 3-30-83) Ext: $\frac{S}{2}$ Sec 3, $\frac{S}{2}$ Sec 4 (R-11013, 7-30-98)

Ext: $\frac{N}{2}$ Sec 4, $\frac{SE}{4}$ Sec 12, $\frac{E}{2}$ Sec 13 (R-11097, 12-10-98)

Ext: $\frac{N}{2}$ Sec 9 (R-11120, 1-21-99)