

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

JP 11/07/97

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

PENWELL ENERGY, INC.

(BILL PIERCE) 915-683-2534

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

1700' FNL & 800' FWL SEC. 6 T20S-R28E EDDY CO. NM

At proposed prod. zone SAME

2310' FNL + 990' FWL Unit E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 11 miles North of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

860'

16. NO. OF ACRES IN LEASE

331

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1400'

19. PROPOSED DEPTH

6500'

20. ROTARY OR CABLE TOOLS

ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3374' GR.

22. APPROX. DATE WORK WILL START*

As soon as approved

23.

PROPOSED CASING AND CEMENTING PROGRAM

Captain Controlled Water Basin

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
25"	20" Conductor	NA	40'	Cement to surface with Redi-mix.
17½"	H-40 13 3/8"	48	450'	450 Sx. Circulate to surface.
11"	J-55 8 5/8"	32	2900'	750 Sx. Circulate to surface.
7 7/8"	J-55 5½"	15.5	6500'	600 Sx. Estimate top cement 2600'

1. Drill 25" hole to 40'. Set 40' of 20" conductor and cement to surface with Redi-mix.
2. Drill 17½" hole to 450'. Run and set 450' of 13 3/8" H-40 48# 8-R ST&C casing. Cement with 450 Sx. of Class "C" cement + 2% CaCl, circulate cement to surface.
3. Drill 2900' of 11" hole to 2900'. Run and set 2900' of 8 5/8" J-55 32# 8-R ST&C casing. Cement with 500 Sx. of Class "C" Halco Light, tail in with 250 Sx. of Class "C" + 2% CaCl, circulate cement to surface.
4. Drill 7 7/8" hole to 6500'. Run and set 6500' of 5½" J-55 15.5# 8-R ST&C casing. Cement with 400 Sx. of Class "C" Halco Light, tail in with 200 Sx. of Class "H" cement + additives, estimate top of cement 2600'.

Subject to
General requirements and
Special Stipulations
AttachedPost ID-2
10-16-98
API & Loc

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive 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

Joe T. Jones

TITLE

Agent

DATE

11/06/97

(This space for Federal or State office use)

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:

(ORIG. SGD.) ARMANDO A. LOPEZ

Acting

Assistant Field Office Manager,
Lands and Minerals

APPROVED BY

TITLE

DATE

10/7/98

*See Instructions On Reverse Side

RECEIVED
BUREAU OF LAND MANAGEMENT
ROSWELL OFFICE

1997 NOV -7 A 11:38

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

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

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

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
	48035	OLD MILLMAN RANCH-ASSOC BONE SPRING
Property Code	Property Name	Well Number
20438	ANGEL "6" FEDERAL	5
OGRID No.	Operator Name	Elevation
147380	PENWELL ENERGY INC.	3371'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 5	6	20 S	28 E		2310	NORTH	990	WEST	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	Joint or Infill	Consolidation Code	Order No.						
40									

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 the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Joe T. Janica</i> Signature Joe T. Janica Printed Name Agent Title 08/18/98 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>August 05, 1998 Date Surveyed Signature & Seal of Professional Surveyor Professional Surveyor W.O. No. 80578 Certificate No. 7977 BASIN SURVEYS</p>					

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Oil and Gas Division
11 S. 1st Street
Artesia, NM 2834

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. NM-96212
2. Name of Operator PENWELL ENERGY, INC. (BILL PIERCE) Ph 915-683-2534	6. If Indian, Allottee or Tribe Name -----
3. Address and Telephone No. 600 NORTH MARIENFELD SUITE 1100 MIDLAND, TEXAS 79701	7. If Unit or CA, Agreement Designation -----
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 990' FWL & 2310' FNL SEC. 6 T20S-R28E	8. Well Name and No. ANGEL "6" FEDERAL # 5
	9. API Well No. -----
	10. Field and Pool, or Exploratory Area OLD MILLMAN RANCH ASSOC. BONE SPRING
	11. County or Parish, State EDDY CO. NEW MEXICO

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input checked="" type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other <u>Move location.</u>	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1. Penwell Energy, Inc. requests the approval to move the location of their ANGEL "6" FEDERAL # 5 from 2180' FNL & 460' FWL SEC. 6 T20S-R28E, to 2310' FNL & 990' FWL SEC. "6" T20S-R28E EDDY CO. NEW MEXICO.

2. The reason for this move is to comply with a request from The BLM Archaeologist.

14. I hereby certify that the foregoing is true and correct

Signed Art Janice Title Agent

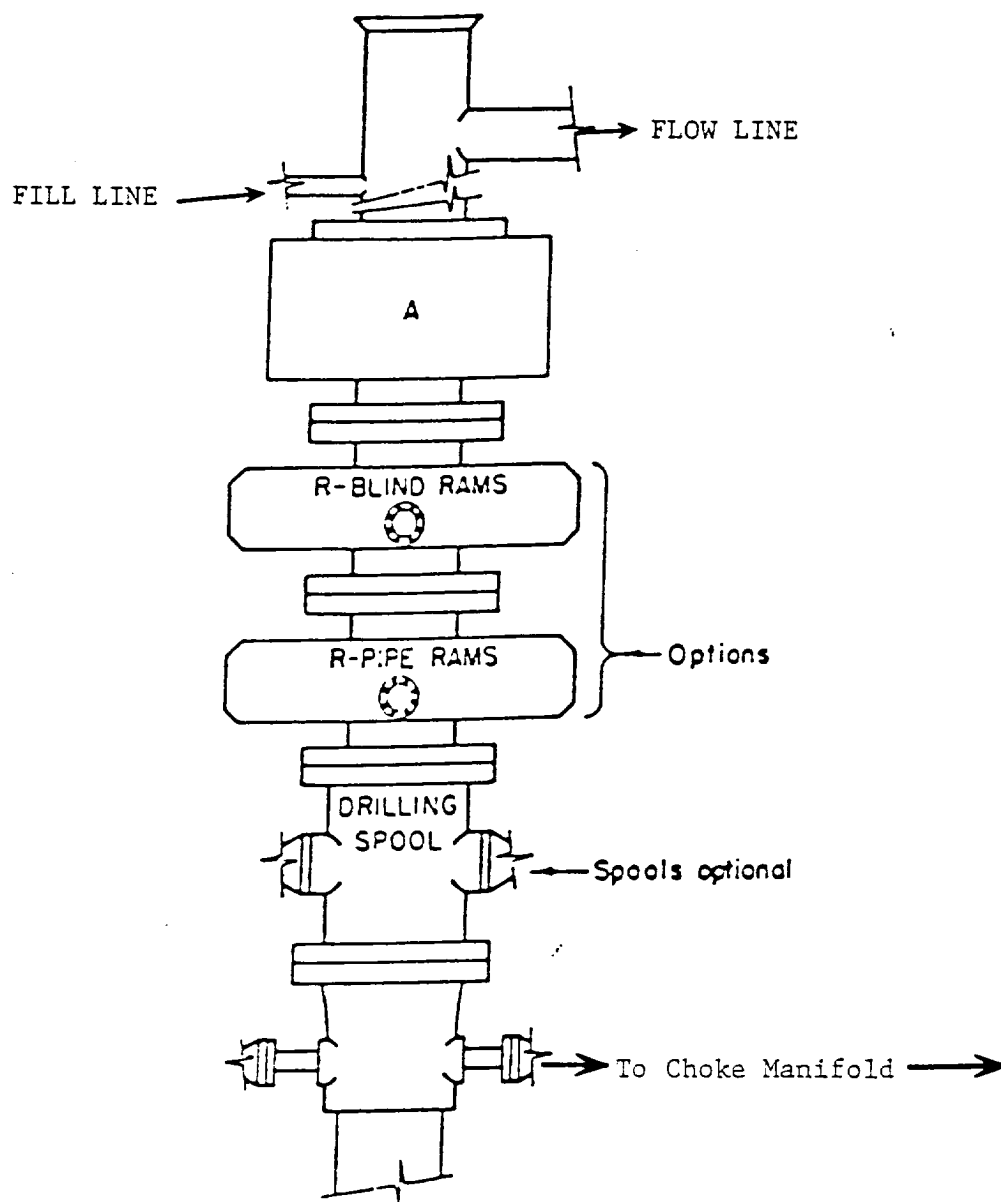
Date 08/18/98

(This space for Federal or State office use)

Approved by (ORIG. SGD.) ARMANDO A. LOPEZ
Conditions of approval, if any:

Acting Assistant Field Office Manager,
Lands and Minerals

Date 10/7/98

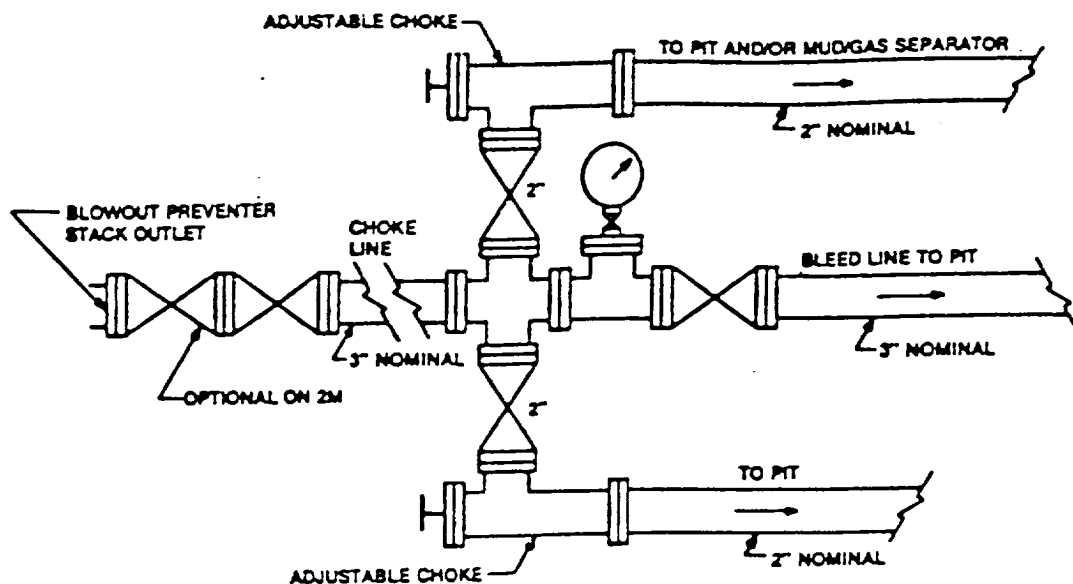


ARRANGEMENT SRRA

900 Series
3000 PSI WP

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

PENWELL ENERGY, INC.
ANGEL "6" FEDERAL # 5
UNIT "E" SECTION 6
T20S-R28E EDDY CO. NM



Typical choke manifold assembly for 3M WP system

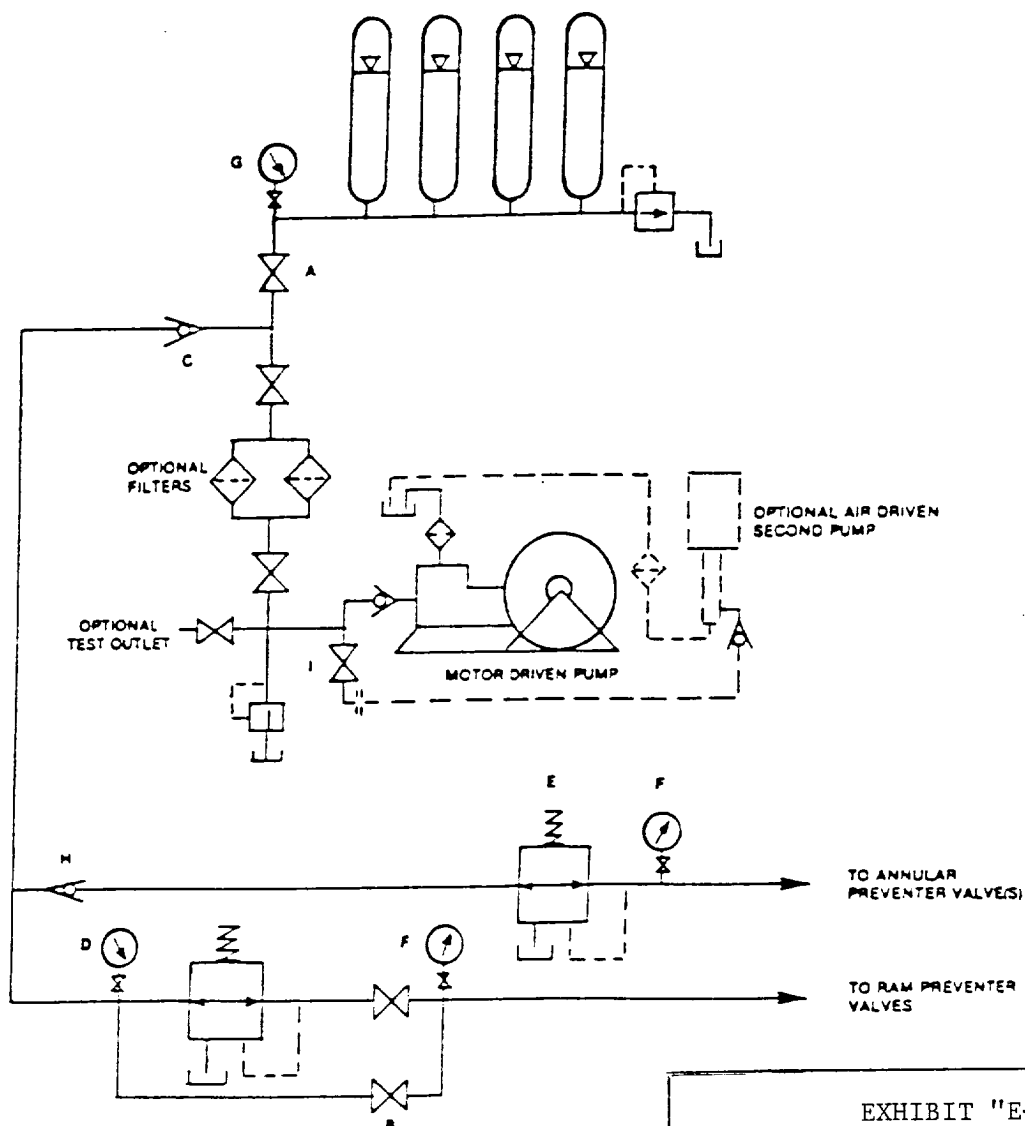


EXHIBIT "E-1"
CHOKE MANIFOLD TO BE USED ON

PENWELL ENERGY, INC.
ANGEL "6" FEDERAL # 5
UNIT "E" SECTION 6
T20S-R28E EDDY CO. NM