

N. M. Oil Cons. Division

811 S. 1ST ST.

ARTESIA, NM 87002-0234

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995Form 3160-3
(July 1992)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1A. TYPE OF WORK

DRILL ☒DEEPEN ☐MAR 07 1997
FEB 18 1997

B. TYPE OF WELL

OIL

WELL ☒

GAS

WELL ☐OTHER ☐

2. NAME OF OPERATOR

PENWELL ENERGY INC. 147380 (BILL PIERCE)

DIST. 2

Phone 915-683-2534

3. ADDRESS AND TELEPHONE NO.

1100 ARCO BUILDING 600 N MERINFELD MIDLAND, TEXAS 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

660' FNL & 660' FWL SEC. 30 T18S-R31E EDDY CO. NEW MEXICO
At proposed prod. hole SAME

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

Approximately 7 miles Southeast of Loco Hills new Mexico

15. DISTANCE FROM PROPOSED*

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

660'

16. NO. OF ACRES IN LEASE

470

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.

200' ±

19. PROPOSED DEPTH

10,500'

20. ROTARY OR CABLE TOOLS

ROTARY

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

3621' GR.

22. APPROX. DATE WORK WILL START*

As soon as approved

23.

PROPOSED CASING AND CEMENTING PROGRAM

CITIZEN CONTROLLED WATER BASIN

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
24"	20" Conductor	.25 Wall Thick.	40'	Cement to surface Redi-mix
17 1/2"	H-40 13 3/8"	48	450'	400 Sx. Class "C" Neat/3% CaCl.
12 1/4"	J-55 8 5/8"	32	2800'	1000 Sx Class "C" Circulate to S
7 7/8"	N-80 5 1/2"	17	10500'	1050 Sx Two stage job

1. Drill 25" hole to 40'. set 40' of conductor pipe cement to surface with Redi-mix.
2. Drill 17 1/2" hole to 450'. Run and set 450' of 48# H-40 13 3/8" ST&C casing. Cement with 400 Sx. Class "C" + 2% CaCl circulate cement to surface.
3. Drill 12 1/4" hole to 2800'. Run and set 2800' of 8 5/8" J-55 32# ST&C casing. Cement with 700 Sx. Class "C" light tail in with 300 Sx. Class "C" neat + 2% CaCl circulate cement to surface.
4. Drill 7 7/8" hole to 10,500'. Run and set 10,500' of 5 1/2" 17# N-80 LT&C casing. Cement 1st stage with 450 Sx. Class "H" cement with additives. DV tool set at 6800' ± cement 2nd stage with 400 Sx. Class "C" light + additives tail in with 200 Sx. Class "C" light + additives bring cement 2600' ± into 8 5/8" casing.

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

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 brief description of program, if any.

24.

SIGNED

Post James

TITLE Agent

DATE 02/14/97

(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.) TONY L. FERGUSON

ADM, MINERALS

APPROVED BY

TITLE

DATE

3.5.97

*See Instructions On Reverse Side

DISTRICT II
P.O. Drawer 110, 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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-		Pool Code 96686	Pool Name WILDCAT Shugart; Wolfcamp, East
Property Code 19509	Property Name West Shugart "30" Federal		Well Number 4
OGRID No. 147380	Operator Name Penwell Energy Inc.		Elevation 3621'

Surface Location

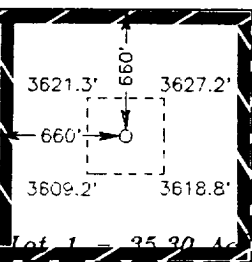
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	30	18 S	31 E		660	North	660	West	Eddy

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
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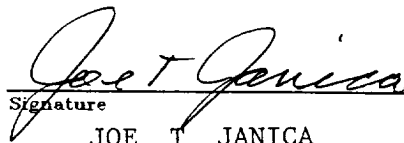
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

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>Lot 1 - 35.30 Ac</p>			
<p>Lot 2 - 35.38 Ac</p>			
<p>Lot 3 - 35.46 Ac</p>			
<p>Lot 4 - 35.54 Ac</p>			

OPERATOR CERTIFICATION

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

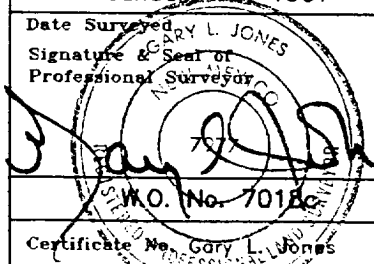

 Signature
 JOE T JANICA
 Printed Name
 AGENT
 Title
 02/14/97
 Date

SURVEYOR CERTIFICATION

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.

January 18, 1997

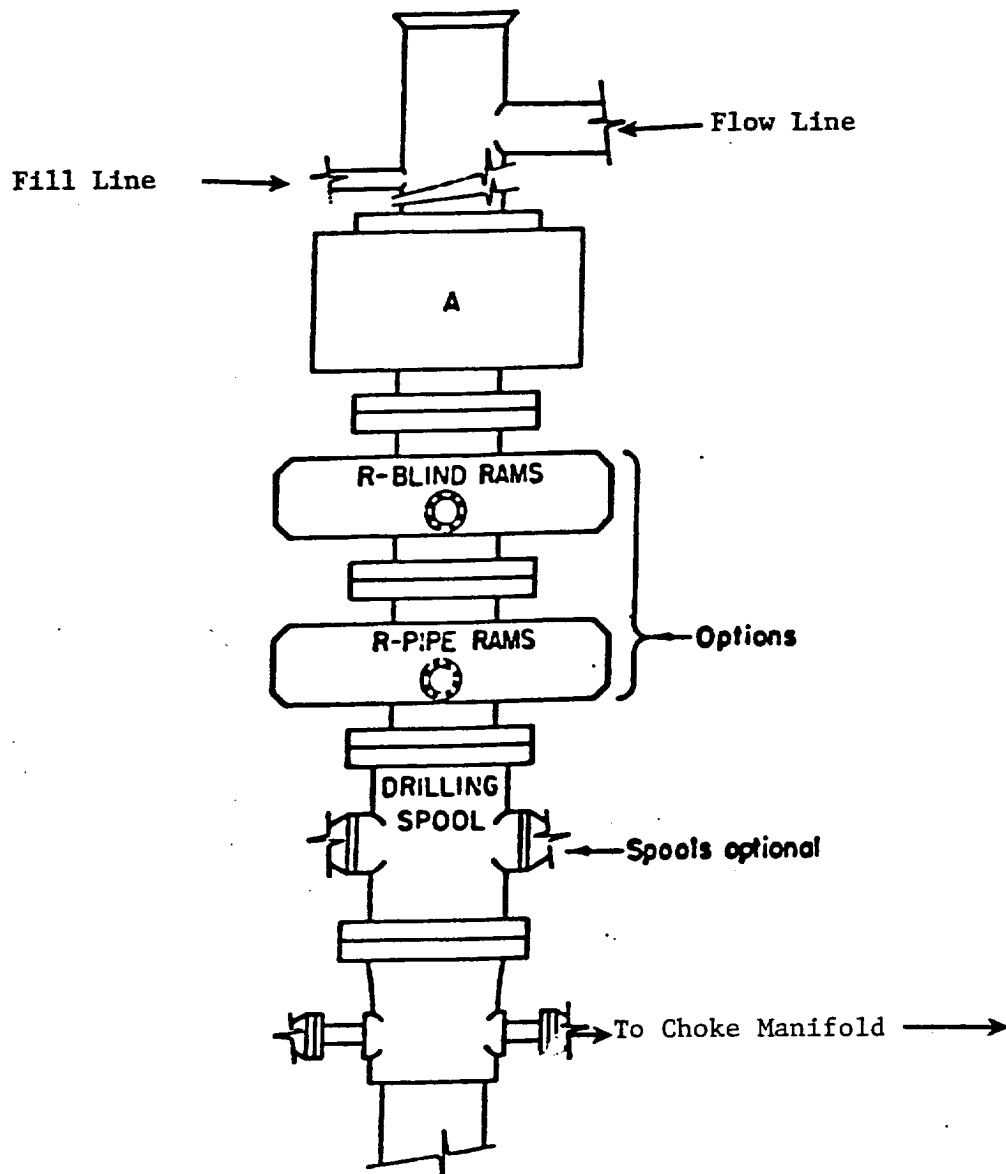
Date Surveyed
 Signature & Seal of
 Professional Surveyor



W.O. No. 7018c

Certificate No. Gary L. Jones 7977

BASIN SURVEYS



ARRANGEMENT SRRA

1500 Series
5000# Working Pressure

EXHIBIT "E"
B.O.P. SKETCH TO BE USED ON
PENWELL ENERGY INC.
WEST SHUGART "30" FEDERAL # 4
660' FNL & 660' FWL SEC. 30
T18S-R31E EDDY CO. NM

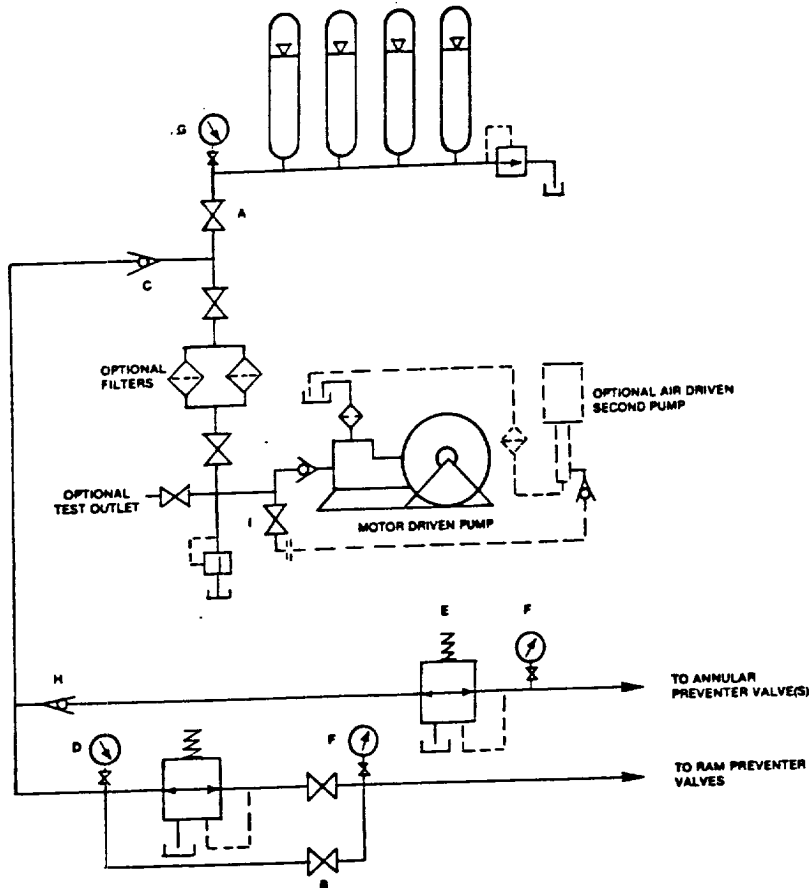


FIGURE K6-1. The schematic sketch of an accumulator system shows required and optional components.

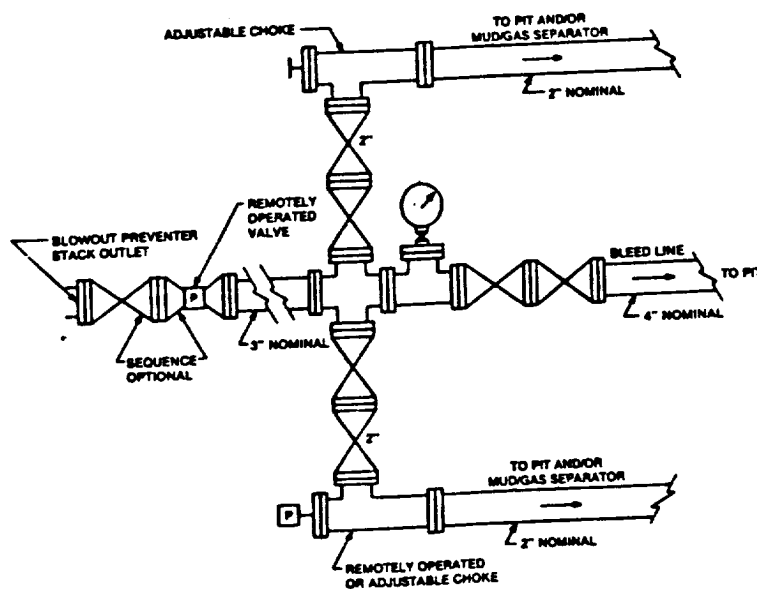


FIGURE K4-2. Typical choke manifold assembly for 5M rated working pressure service — surface installation.

EXHIBIT "1-E"
CHOKE MANIFOLD & CLOSING UNIT

PENWELL ENERGY INC.
WEST SHUGART "30" FEDERAL # 4
660' FNL & 660' FWL SEC. 30
T18S-R31E EDDY CO. NM