

JAMES A. GILLHAM
DISTRICT SUPERVISOR

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to re-drill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-

All distances must be from the outer boundaries of the Section.

Operator JOSEPH P. MAY Energy Co.		Lease MAY ENERGY		Well No. 2	
Unit Letter 11	Section 28	Township 22 S	Range 7 W	County LUNA	
Actual Footage Location of Well: 660 feet from the SOUTH line and 660 feet from the WEST line					
Ground Level Elev. 4360	Producing Formation MONTOYA		Pool Wildcat - Section		Dedicated Acreage: 40

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to work interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.

<div style="text-align: center;"> </div>		<div style="text-align: center;"> RECEIVED MAY 05 1982 OIL & GAS U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO </div>	
		<div style="text-align: center;"> RECEIVED MAY 11 1982 OIL & GAS U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO </div>	

CERTIFICATION

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

JOSEPH P. MAY

Name
Joseph P. May
Position
PRESIDENT

Company
MAY ENERGY

Date
5/5/82

I hereby certify that the well location shown on this plat was plotted from the notes of actual surveys made by me under my supervision, and that the same is true and correct to the best of my knowledge and belief.

APRIL 16, 1982

Date Surveyed
KARL D. KING
Registered Professional Engineer
and/or Land Surveyor

NEW MEXICO NO. 7250

Certificate No.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator JOE P. MAY Energy Co.		Lease MAY ENERGY		Well No. 2 ME 28-1A	
Unit Letter 711	Section 28	Township 22 S.	Range 7 W.	County LUNA	
Actual Footage Location of Well: 660 feet from the SOUTH line and 660 feet from the WEST line					
Ground Level Elev. 4360	Producing Formation MONTOYA		Pool W. 1	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

<div style="font-size: 48px; font-weight: bold;">28</div>	<div style="font-size: 48px; font-weight: bold;">28</div>	<div style="font-size: 48px; font-weight: bold;">28</div>	<div style="font-size: 48px; font-weight: bold;">28</div>
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CERTIFICATION

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

Name _____

Position _____

Company _____

Date _____

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 knowledge and belief.

~~APRIL 16, 1982~~ **APRIL 16, 1982**

Date Surveyed
Karl D. King
Registered Professional Engineer
and/or Land Surveyor

NEW MEXICO No. 7250
Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

APPLICATION FOR DRILLING
MAY ENERGY COMPANY
ME 28-1A
660' FWL and 660' FSL
Section 28, T22S, R7W
LUNA COUNTY, NEW MEXICO
(EXPLORATORY WELL)

In conjunction with Form 9-331C, Application for Permit to Drill subject well, MAY ENERGY COMPANY submits the following ten items pertinent information in accordance with USGS requirements:

1. The geologic surface formation is Permian.
2. The estimated tops of geologic markers are as follows:

Permian	2100'
Pennsylvanian	2250'
Mississippian	2650'
Devonian	2850'
Silurian	3350'
Ordovician	3500' to 4000'
(Montoya)	
3. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:

Water:	Approximately 195' and 600'
Oil or gas:	3500' to 4000'
	Ordovician (Montoya)
4. Proposed Casing Program: See Form 9-331C and exhibit F.
5. Pressure Control Equipment: See Form 9 331C and exhibit E.
6. Mud Program: See exhibit G.
7. Auxiliary Equipment: See exhibit H.
8. Logging:

At TD, Compensated Density Log
Induction Electrical Log
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated starting date: As soon as possible.

11. OPERATOR'S REPRESENTATIVES.

- A. The field representatives responsible for assuring compliance with the approved surface use plan are:

Drilling Supt.
MAY ENERGY COMPANY

Jerry Schonfield
Okemah, Oklahoma
918 623-1704

Operator
MAY ENERGY COMPANY

Joseph P. May
Stroud, Oklahoma
918 968-2305
918 968-3564

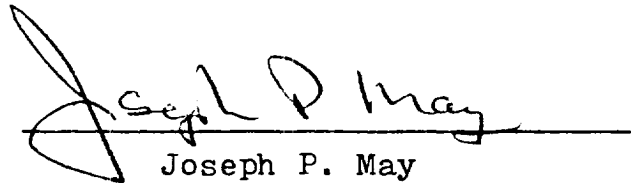
Carl Ketchum
Broken Arrow, Oklahoma
918 455-0138

12. CERTIFICATION.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access routs; that I am familiar with the condition which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by MAY ENERGY COMPANY and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

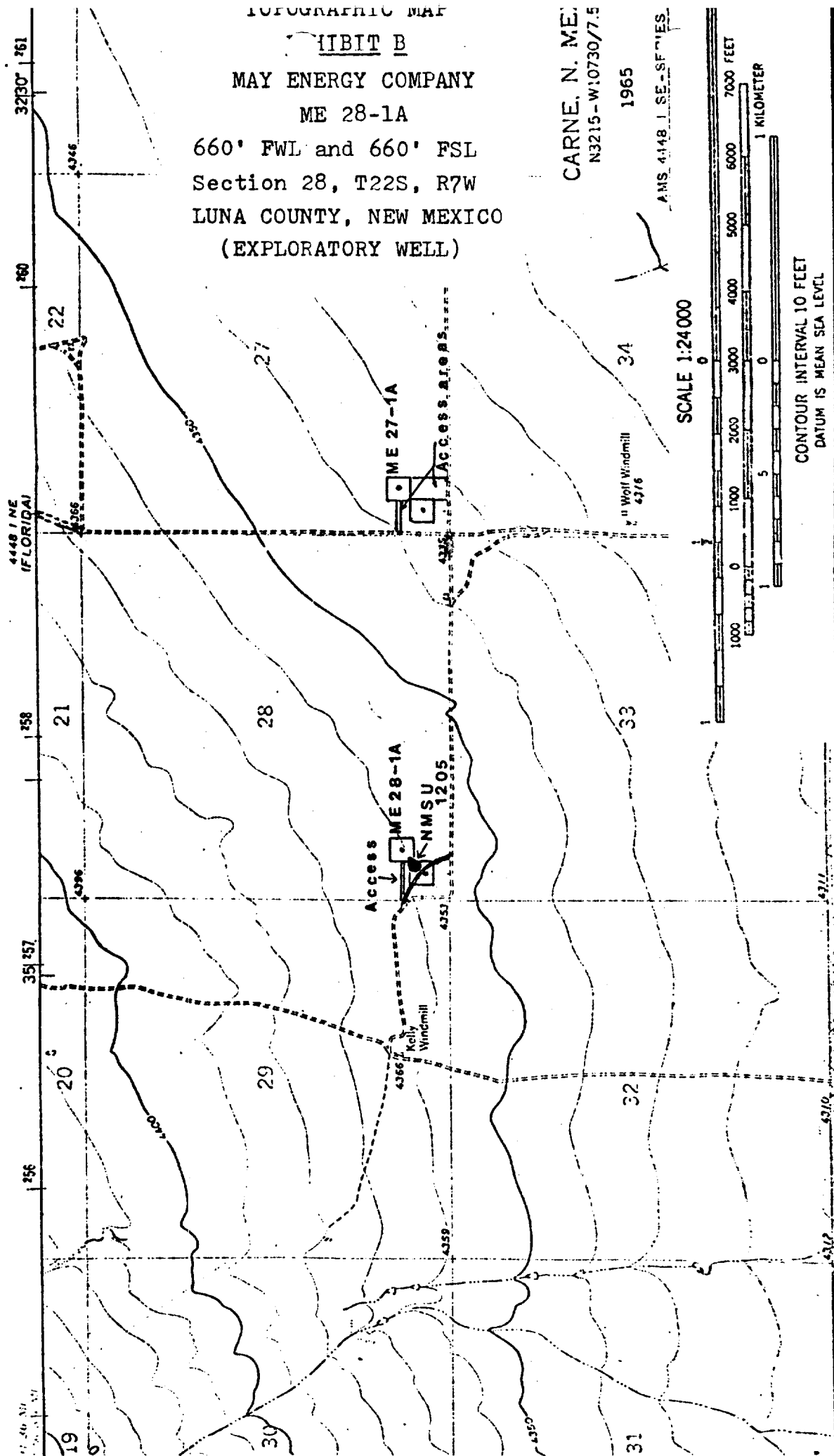
4-22-82

Date

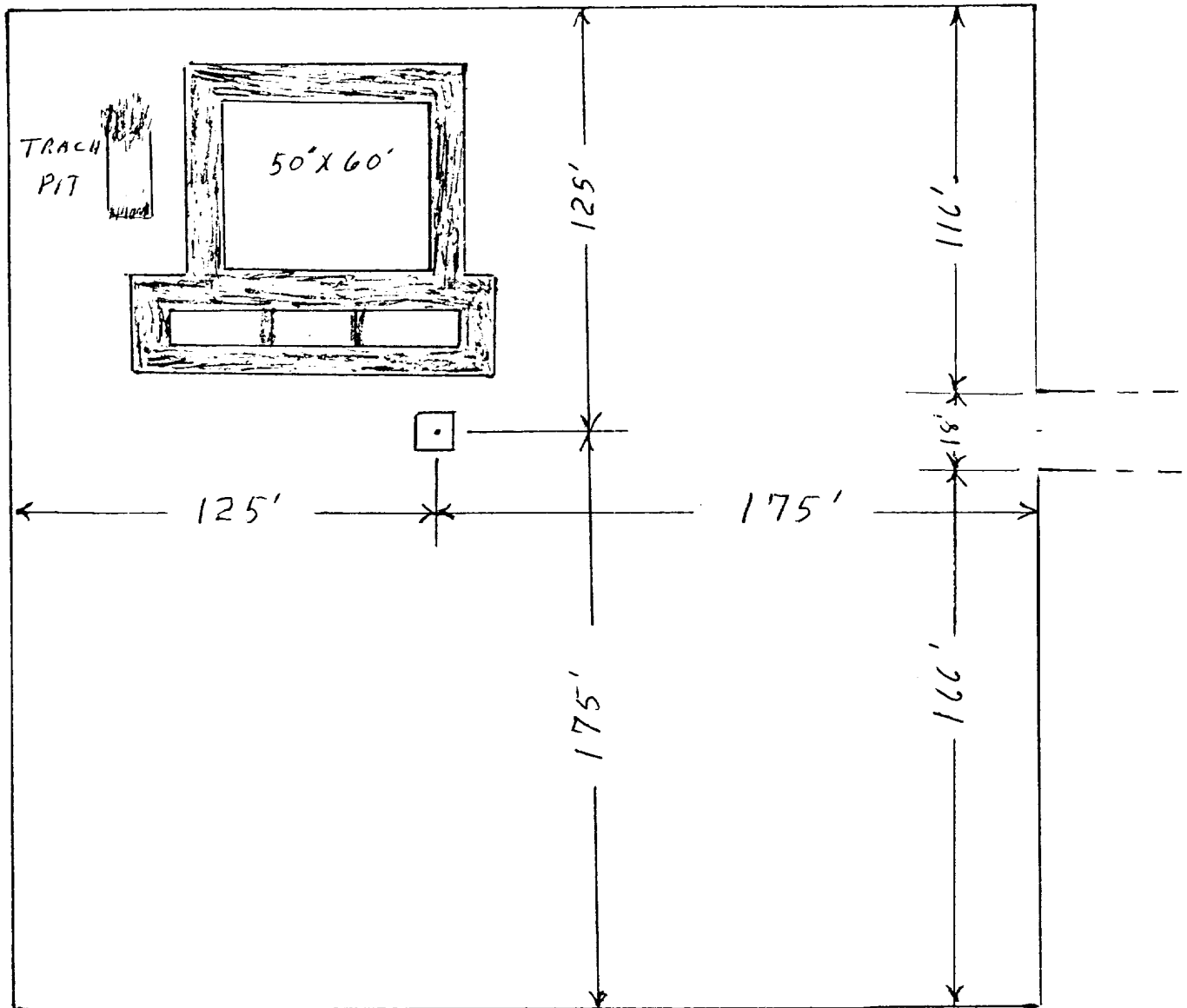


Joseph P. May

MAY ENERGY COMPANY



PAD LAYOUT
EXHIBIT D
MAY ENERGY COMPANY
ME 28-1A
660' FWL and 660' FSL
Section 28, T22S, R7W
LUNA COUNTY, NEW MEXICO



BLOWOUT PREVENTOR

EXHIBIT E

MAY ENERGY COMPANY

ME 28-1A

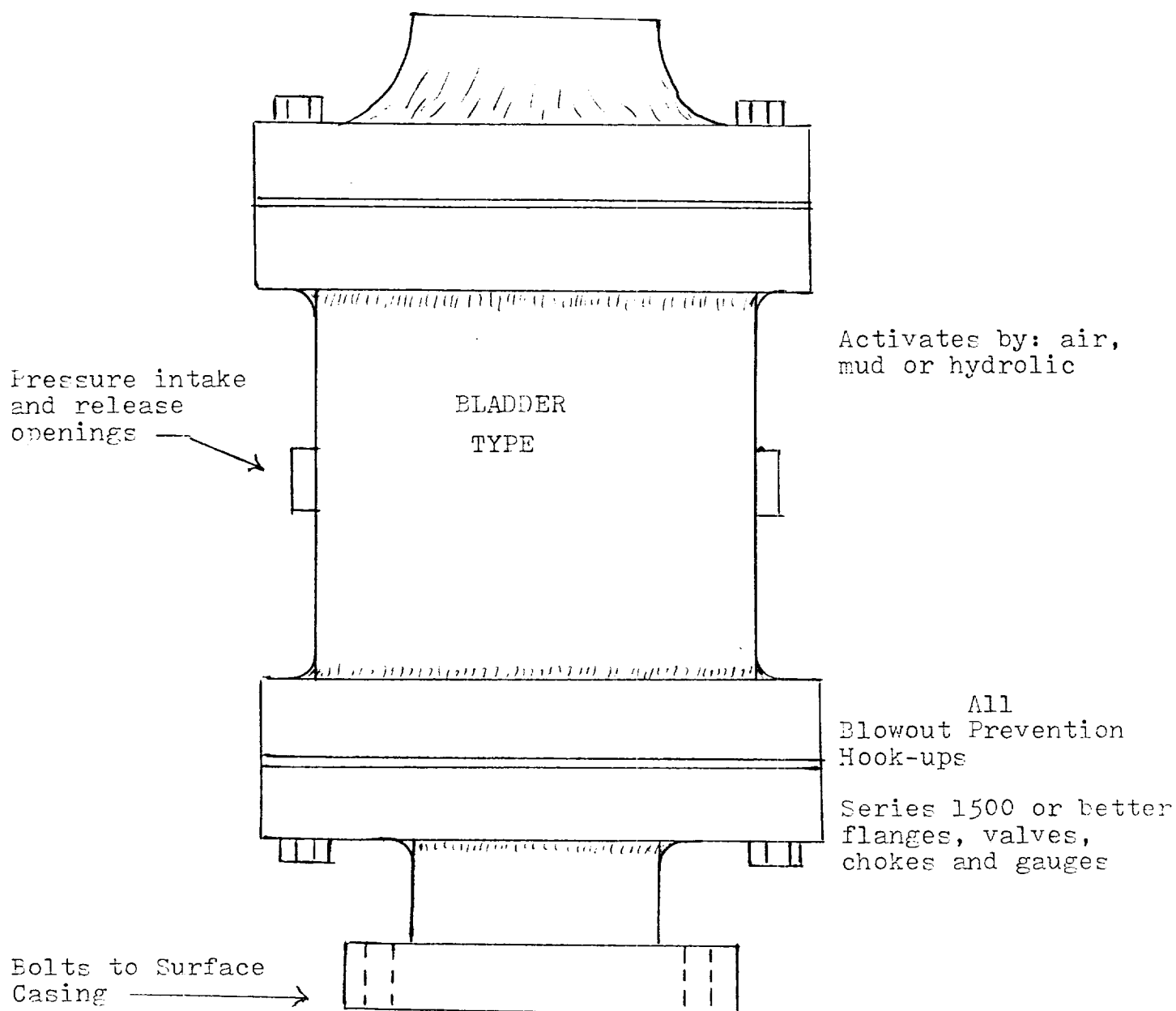
660' FLW and 660' FSL

Section 28, T22S, R7W

LUNA COUNTY, NEW MEXICO

(EXPLORATORY WELL)

Regan 8 5/8" BOP
5000 PSI Working Pressure



PRODUCTION COMPANY

SUMMARY

EXHIBIT F

MAY ENERGY COMPANY

ME 28-1A

660' FWL and 660' FSL

Section 28, T22S, R7W

LUNA COUNTY, NEW MEXICO

(EXPLORATORY WELL)

DRILLING, LOGGING, CASING and CEMENTING.

1. Drill 11" hole to 850' \pm .
2. Cement 8 5/8", 28 # casing with 675 sx., containing 3% CaCl_2 and 1/4 #/sk Flocele. Run guide shoe, cement basket and centralizer on first joint and centralizer and cement basket at 400'. Use one wooden plug to displace cement.
3. Release pressure immediately, nipple up and install PCPs. Test Casing to 600 PSI after approximately 18 hours and drill out cement.
4. Drill 7 7/8" hole to TD at 3500' \pm . A fresh water mud system will be used to 2000'. At this point the system will be mudded with Drispac, Flocele, Soda ash, Super lignite and Costic soda for 33 - 35 Sec./1000^{cc} viscosity and 10^{cc} water loss. This type of drilling fluid should be sufficient to drill to 3500' or TD, with exception of weight viscosity which may need altering as hole conditions dictate.
5. Run 4 1/2", 10.5 # Casing and cement with 120 sx, 50-50 Pozmis "A", 10% salt, 0.75 % DFR-2 friction reducer and 1/4 #/sk. Flocele. Use guide shoe, float valve, automatic fillup and 8-10 centralizers as necessary. Use rubber plug, displace cement with clean fresh water treated with 2% KCl.
6. Perforations, acid job, and additional stimulation to be determined after completion.