

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.

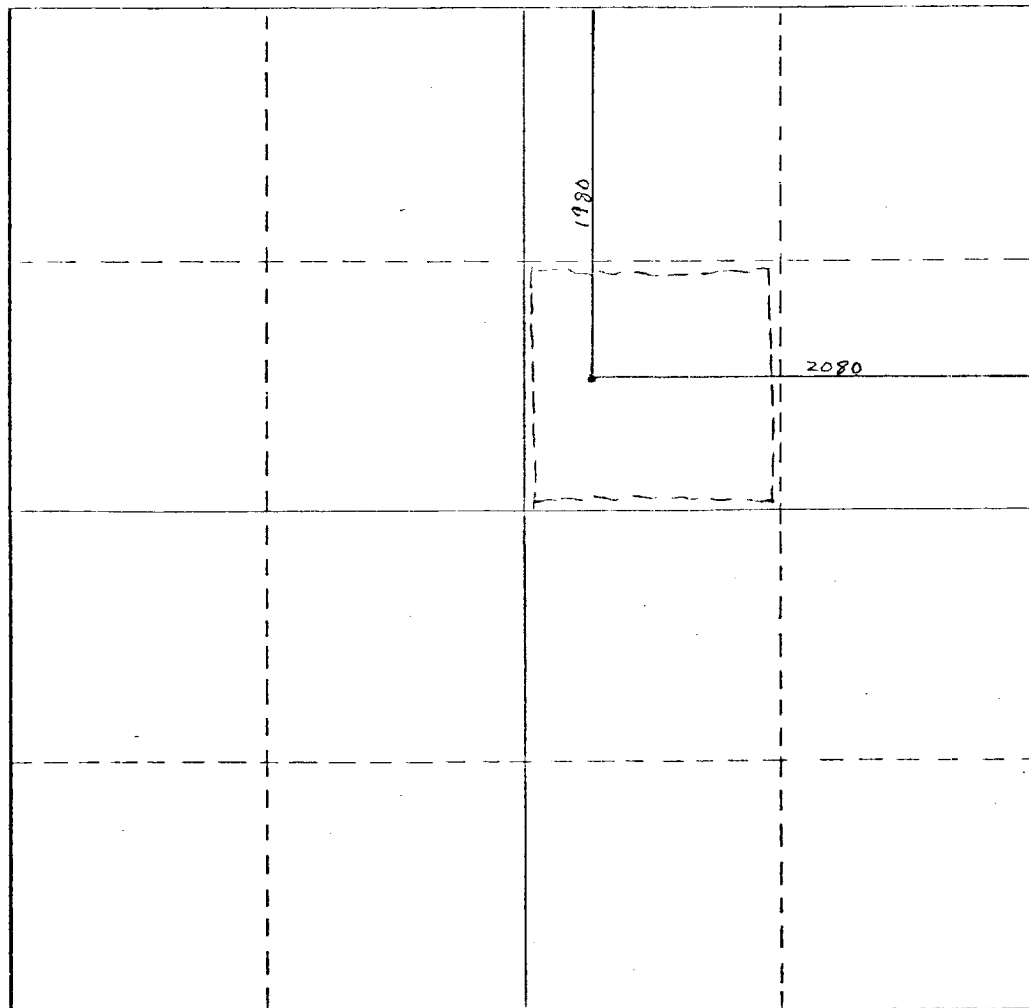
Operator <i>Conoco Inc.</i>		Lease <i>SEMU Penn</i>		Well No. <i>4</i>
Unit Letter <i>G</i>	Section <i>23</i>	Township <i>20S</i>	Range <i>37E</i>	County <i>Lea</i>
Actual Well Location of Well: <i>1980</i> feet from the <i>North</i> line and <i>2080</i> feet from the <i>East</i> line				
Ground Level Elev.	Producing Formation <i>Drinkard</i>		Pool <i>Weir Drinkard</i>	Dedicated Acreage: <i>40</i> Acres

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 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.



CERTIFICATION

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

Name *Wm A. Heatherfield*
Position *Administrative Supervisor*
Company *Conoco Inc*

Date *February 19, 1981*

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.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

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

SEMU PENN #4

TEST WEIR-DRINKARD FORMATION

LOCATION: 1980' FNL & 2080' FBL ELEVATION: 3539' DF
Sec. 23, T-20S, R-37E TD: 10,174'
Lea County, New Mexico PBTD: 7790'
PBTD: 7152'

COMPLETION DATE: 1947

CASING: 13-3/8", 48# @ 240' w/700 sx.
9-5/8", 36# @ 3115' w/2500 sx.
7", 23# @ 7798' w/300 sx.
4-1/2", 9.5# from 4111' to 7658' w/400 sx.

11 sx center 35' cut

1a) GIH w/ BP to 7152'. Spot ~~2500~~ on top of BP.

RECOMMENDED PROCEDURE

1. Move in rig. Install BOP. GIH w/2-3/8" J-55 tubing to +6920'. Pressure test casing to 1000 psi for 5 mins.
2. Spot 170 gals. 15% NE-FE-HCL from 6920' to 6670'. POOH. (Inhibit acid for 24 hrs. @ 115°F)
3. Rig up CRC Wireline. GIH w/3-1/8" Posi-jet decentralized casing gun. Perforate the Weir-Drinkard formation w/2 JSPF @ 6713', 6716', 6720', 6740', 6762', 6764', 6800', 6821', 6823', 6827', 6838', 6840', 6842', 6862', 6864', and 6912' (Total: 32 holes) Casing collars to be determined from attached copy of the TDT log. POOH.
- 4.* GIH w/2-3/8" tubing and retr. pkr. Set pkr. @ +6670'. Load the casing-tubing annulus w/TFW to 800 psi. Treat the Weir-Drinkard formation w/5400 gals. 28% NE-FE-HCL @ 3 BPM utilizing 40 - 7/8" RCN ballsealers (SG-1.1). Release 2 ballsealers every 400 gals. for the first 4800 gals. Release 4 ballsealers every 400 gals. for the remainder of the acid. Flush w/TFW. Shut in well for 2 hrs.

ACID SPECIFICATIONS/1000 GALS. (DRESSER TITAN)

2 gals. J-11 (inhibitor)
2 gals. NE-12 (non-emulsifier)
5 gals. C-100 (sequesterant)
1 gal. TFS-2000 (surfactant)

5. Swab test. Report results to Division office.

*NOTE: Maximum treating pressure: 6000 psi.

New 7" 20# @ 4111'

Old 7" 36# col @ 4137'

13-3/8" 48# @ 240'
w/200 sx.

9-5/8" 36# @ 3115'
w/2500 sx.

4-1/2" 9.5# from 4111
to 7658' w/400 sx.

6600'

Drifted formation

6900'

7152' Perm. BP w/2 ~~115 cent~~ cent.

or 35 cent

7658'

7710'

7770' Cass Penn formation

PTD - 7790'

Conoco Inc.
Calculation Sheet

File SEMU PENN #4

Job No.

Field

State

New 7" 20# @ 4111'

Original 7" 36# cut @ 4137'

13-3/8" 48# @ 240'
w/200 sx.

9-5/8" 36# @ 3115'
w/2500 sx.

4-1/2" 9.5# from 4111
to 7658' w/400 sx.

6600'

Drinkard formation

6900'

7152' Perm. BP w/2 ~~115~~ cent.

or 35' cut

7658'

7710'

7770' Cass Penn formation

PSTD - 7790'

Conoco Inc.
Calculation Sheet

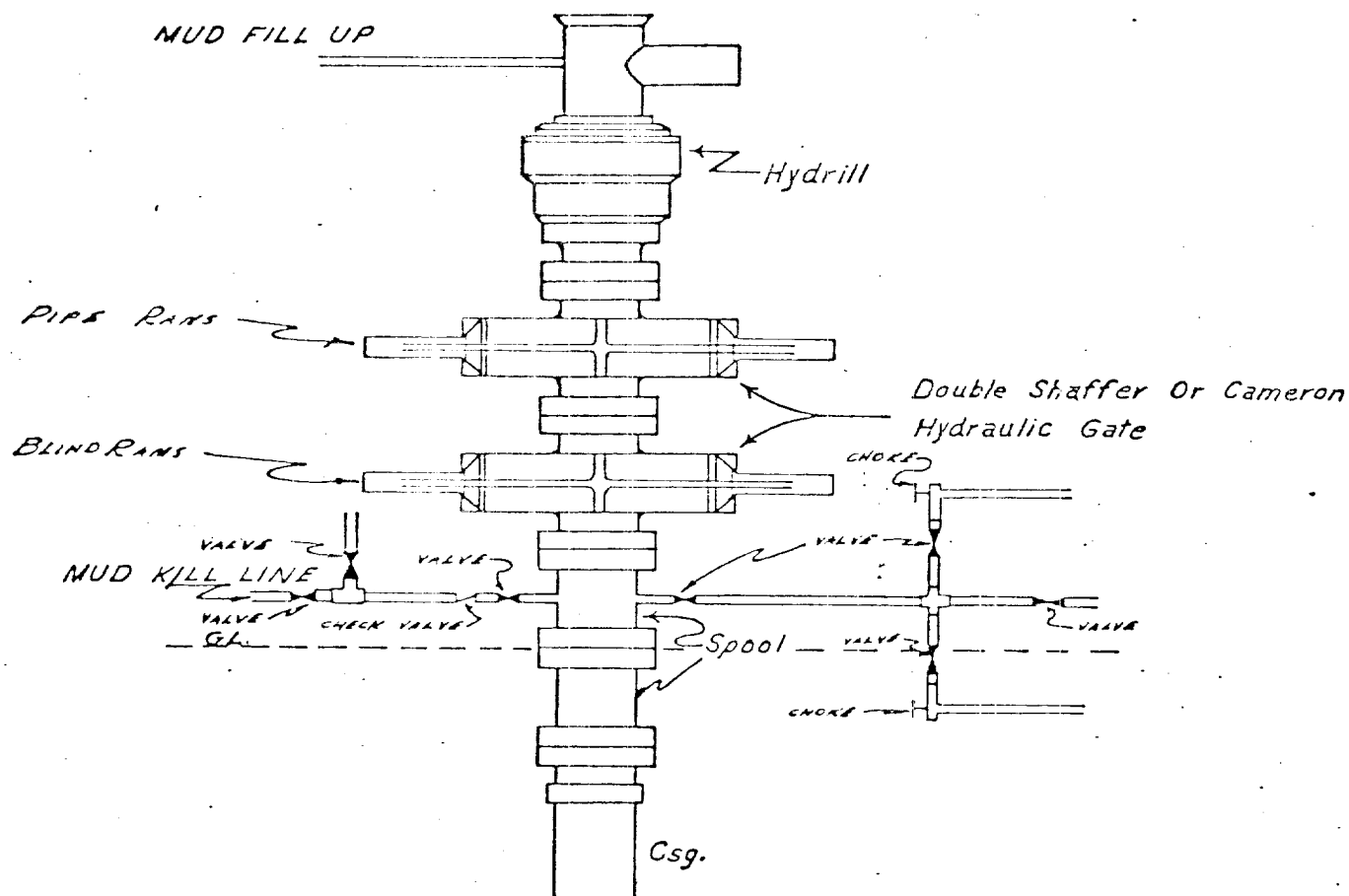
Job No.

File SEMU PENN #4

Field

State

CONTINENTAL OIL COMPANY
Blow-out Preventer Specifications



NOTE:

Manual and Hydraulic controls with closing unit no less than 75' from well head.
Remote controls on rig floor.

*DUE TO SUBSTRUCTURE CLEARANCE,
HYDRILL MAY OR MAY NOT BE USED.*