

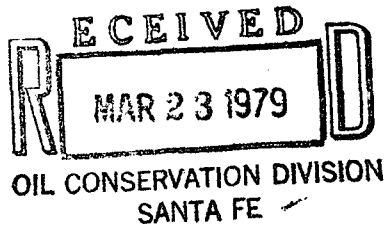
DELTA DRILLING COMPANY

Box 2012 TELEPHONE 214 595-1911

TYLER, TEXAS 75710

915-682 4161

March 19, 1979



ADDRESS REPLY TO

R.D. Keadle
Delta Drilling Company
P.O. Box 3467
Midland, Texas 79702

Director
New Mexico Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87501

Re: Application for unorthodox Gas
Well Location
Lea County, New Mexico

NSL
Delta Unit State #1
Rule 104F
Immediate
Waivers in

Dear Sir:

Delta Drilling Company hereby makes application for approval of an unorthodox gas well location and states:

- 1) Applicant plans to re-enter the #1 Unit State well located 660' FNL & 660' FWL of Section 30, Township 16 South, Range 33 East, N.M.P.M., Lea County New Mexico and attempt a completion in the Morrow formation.
- 2) Said well was originally drilled as a Morrow test and was subsequently re-entered and deepened to the Devonian formation. This re-entry resulted in the well being plugged and abandoned in 1962.
- 3) The N/2 of Section 30, Township 16 South, Range 33 East, N.M.P.M. will be dedicated to the well if the re-entry is successful in the Morrow.
- 4) Approval of the unorthodox location will be in the interest of conservation, prevention of waste and protection of correlative rights.

Inasmuch as this is a re-entry of an existing well we request administrative approval of the unorthodox location outlined herein.

Enclosed in support of this application are waivers from the offsetting operators and an information copy of our Application for Permit to Drill, Deepen, or Plug Back (Form C-101).

Thank you for your consideration.

Yours very truly,


R. Dale Keadle
Division Land Manager

RDK/mls
cc: NMOCD-Hobbs District

DELTA DRILLING COMPANY

Box 2012 TELEPHONE 214 595-1911

TYLER, TEXAS 75710

March 6, 1979

ADDRESS REPLY TO

E. W. Hooper
Delta Drilling Company
P. O. Box 3467
Midland, Texas 79702

Murphy Minerals Corporation
P. O. Drawer 2164
Roswell, New Mexico 88201

Re: Request for Waiver
Delta #1 Unit State (Re-entry)
660' FNL & 660' FWL
Section 30-16S-33E
W. Kemnitz Prospect
Lea County, New Mexico

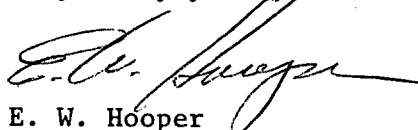
Gentlemen:

Delta Drilling Company is making application to reenter the Williamson #1 Unit State well located 660' FN&WL of Section 30-16S-33E, Lea County, New Mexico.

It is our intent to attempt a completion in the Wolfcamp and Morrow formations. While the location is orthodox for the Wolfcamp, it is unorthodox for a Morrow well. Therefore, to allow us to obtain the required permit, we request that you as an offsetting operator waive any objections to this unorthodox location. Please signify your waiver of objection by signing in the space below and returning this letter to our Midland, Texas address.

Thank you very much for your consideration.

Very truly yours,


E. W. Hooper

EWH:gk

We hereby waive any objections to
the unorthodox location set out above.

MURPHY MINERALS CORPORATION

By: 

March 9, 1979

DELTA DRILLING COMPANY

Box 2012 TELEPHONE 214 595-1911

TYLER, TEXAS 75710

March 6, 1979

ADDRESS REPLY TO

E. W. Hooper
Delta Drilling Company
P. O. Box 3467
Midland, Texas 79702

.Yates Petroleum Corporation
Yates Building
207 South 4th
Artesia, New Mexico 88210

Re: Request for Waiver
Delta #1 Unit State (Re-entry)
660' FNL & 660' FWL
Section 30-16S-33E
W. Kemnitz Prospect
Lea County, New Mexico

Gentlemen:

Delta Drilling Company is making application to reenter the Williamson #1 Unit State well located 660' FN&WL of Section 30-16S-33E, Lea County, New Mexico.

It is our intent to attempt a completion in the Wolfcamp and Morrow formations. While the location is orthodox for the Wolfcamp, it is unorthodox for a Morrow well. Therefore, to allow us to obtain the required permit, we request that you as an offsetting operator waive any objections to this unorthodox location. Please signify your waiver of objection by signing in the space below and returning this letter to our Midland, Texas address.

Thank you very much for your consideration.

Very truly yours,


E. W. Hooper

EWH:gk

We hereby waive any objections to
the unorthodox location set out above.

YATES PETROLEUM CORPORATION

By: 

March 9, 1979

DELTA DRILLING COMPANY

Box 2012 TELEPHONE 214 595-1911

TYLER, TEXAS 75710

March 6, 1979

ADDRESS REPLY TO

E. W. Hooper
Delta Drilling Company
P. O. Box 3467
Midland, Texas 79702

Holly Energy, Inc.
2001 Bryan Tower
Suite 2680
Dallas, Texas 75201

Re: Request for Waiver
Delta #1 Unit State (Re-entry)
660' FNL & 660' FWL
Section 30-16S-33E
W. Kemnitz Prospect
Lea County, New Mexico

Gentlemen:

Delta Drilling Company is making application to reenter the Williamson #1 Unit State well located 660' FN&WL of Section 30-16S-33E, Lea County, New Mexico.

It is our intent to attempt a completion in the Wolfcamp and Morrow formations. While the location is orthodox for the Wolfcamp, it is unorthodox for a Morrow well. Therefore, to allow us to obtain the required permit, we request that you as an offsetting operator waive any objections to this unorthodox location. Please signify your waiver of objection by signing in the space below and returning this letter to our Midland, Texas address.

Thank you very much for your consideration.

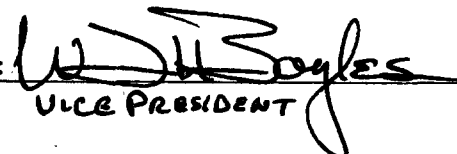
Very truly yours,


E. W. Hooper

EWH:gk

We hereby waive any objections to
the unorthodox location set out above.

Holly Energy, Inc.

By:  March 9, 1979
VICE PRESIDENT

DELTA DRILLING COMPANY

Box 2012 TELEPHONE 214 595-1911

TYLER, TEXAS 75710

March 6, 1979

ADDRESS REPLY TO

E. W. Hooper
Delta Drilling Company
P. O. Box 3467
Midland, Texas 79702

Wayne Gill
P. O. Box 8245
Midland, Texas

Re: Request for Waiver
Delta #1 Unit State (Re-entry)
660' FNL & 660' FWL
Section 30-16S-33E
W. Kemnitz Prospect
Lea County, New Mexico

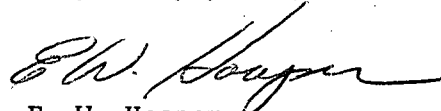
Gentlemen:

Delta Drilling Company is making application to reenter the Williamson #1 Unit State well located 660' FN&WL of Section 30-16S-33E, Lea County, New Mexico.

It is our intent to attempt a completion in the Wolfcamp and Morrow formations. While the location is orthodox for the Wolfcamp, it is unorthodox for a Morrow well. Therefore, to allow us to obtain the required permit, we request that you as an offsetting operator waive any objections to this unorthodox location. Please signify your waiver of objection by signing in the space below and returning this letter to our Midland, Texas address.

Thank you very much for your consideration.

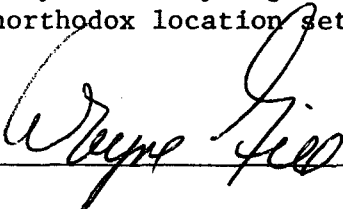
Very truly yours,


E. W. Hooper

EWH:gk

We hereby waive any objections to
the unorthodox location set out above.

By:



March 9, 1979

DELTA DRILLING COMPANY

Box 2012 TELEPHONE 214 595-1911

TYLER, TEXAS 75710

March 6, 1979

ADDRESS REPLY TO

E. W. Hooper
Delta Drilling Company
P. O. Box 3467
Midland, Texas 79702

. Cal-Mon Oil Company
P. O. Box 2066
Midland, Texas

Re: Request for Waiver
Delta #1 Unit State (Re-entry)
660' FNL & 660' FWL
Section 30-16S-33E
W. Kemnitz Prospect
Lea County, New Mexico

Gentlemen:

Delta Drilling Company is making application to reenter the Williamson #1 Unit State well located 660' FN&WL of Section 30-16S-33E, Lea County, New Mexico.

It is our intent to attempt a completion in the Wolfcamp and Morrow formations. While the location is orthodox for the Wolfcamp, it is unorthodox for a Morrow well. Therefore, to allow us to obtain the required permit, we request that you as an offsetting operator waive any objections to this unorthodox location. Please signify your waiver of objection by signing in the space below and returning this letter to our Midland, Texas address.

Thank you very much for your consideration.

Very truly yours,


E. W. Hooper

EWH:gk

We hereby waive any objections to
the unorthodox location set out above.

CAL-MON OIL COMPANY

By:  March 7, 1979

DELTA DRILLING COMPANY

Box 2012 TELEPHONE 214 595-1911

TYLER, TEXAS 75710

March 6, 1979

ADDRESS REPLY TO

GULF COAST EXPLORATION DIVISION

8550 KATY FREEWAY, SUITE 218

HOUSTON, TEXAS 77024

713-932-7960

Pogo Producing Company
P. O. Box 2504
Houston, Texas 77001

Re: Request for Waiver
Delta #1 Unit State (Reentry)
660' FNL and 660' FWL
Section 30-16S-33E
West Kemnitz Prospect
Lea County, New Mexico

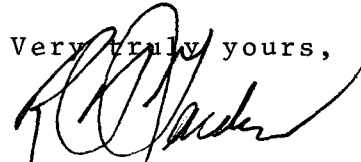
Gentlemen:

Delta Drilling Company is making application to reenter the Williamson #1 Unit State well located 660' FN & WL of Section 30-16S-33E, Lea County, New Mexico.

It is our intent to attempt a completion in the Wolfcamp and Morrow formations. While the location is orthodox for the Wolfcamp, it is unorthodox for a Morrow well. Therefore to allow us to obtain the required permit we request that you as an offsetting operator waive any objections to this unorthodox location. Please signify your waiver of objection by signing in the space below and returning this letter to our Midland, Texas office.

Thank you very much for your consideration.

Very truly yours,

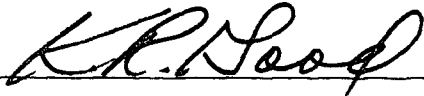


R. D. Gardner

We hereby waive any objections
to the unorthodox location set
out above.

POGO PRODUCING COMPANY

BY



DATE

3-8-79

DELTA DRILLING COMPANY

Box 2012 TELEPHONE 214 595-1011

TYLER, TEXAS 75710

March 6, 1979

RECEIVED

MAR 8 1979

L.E.T.

ADDRESS REPLY TO

E. W. Hooper
Delta Drilling Company
P. O. Box 3467
Midland, Texas 79702

RECEIVED

MAR 9 - 1979

C.W.C.

• Union Oil Company of California
P. O. Box 671
Midland, Texas 79701

Re: Request for Waiver
Delta #1 Unit State (Re-entry)
660' FNL & 660' FWL
Section 30-16S-33E
W. Kemnitz Prospect
Lea County, New Mexico

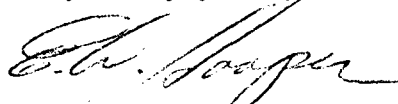
Gentlemen:

Delta Drilling Company is making application to reenter the Williamson #1 Unit State well located 660' FN&WL of Section 30-16S-33E, Lea County, New Mexico.

It is our intent to attempt a completion in the Wolfcamp and Morrow formations. While the location is orthodox for the Wolfcamp, it is unorthodox for a Morrow well. Therefore, to allow us to obtain the required permit, we request that you as an offsetting operator waive any objections to this unorthodox location. Please signify your waiver of objection by signing in the space below and returning this letter to our Midland, Texas address.

Thank you very much for your consideration.

Very truly yours,


E. W. Hooper

EWH:gk

We hereby waive any objections to
the unorthodox location set out above.

UNION OIL COMPANY OF CALIFORNIA

By: 

March 14, 1979

NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.
L-2944

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work	7. Unit Agreement Name
b. Type of Well Re-DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	8. Farm or Lease Name
2. Name of Operator	Delta - Unit State
3. Address of Operator	9. Well No.
P. O. Box 3467, Midland, Texas 79702	1
4. Location of Well UNIT LETTER D LOCATED 660 FEET FROM THE North LINE AND 660 FEET FROM THE West LINE OF SEC. 16 TWP. 16-S RGE. 33-E NMPM	10. Field and Pool, or Wildcat
	Wildcat (Morrow)
	12. County
	Lea
	19. Proposed Depth
	13800
	19A. Formation
	Morrow
	20. Rotary or C.T.
	RT
21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond
4240 GR	Blanket
	21B. Drilling Contractor
	Company Tools
	22. Approx. Date Work will start
	4-15-79

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
* 17-1/2"	13-3/8"	48#	364	305	Cmt Circ
* 11"	8-5/8"	32#	4529	700	2400' Temp
7-7/8"	5-1/2"	26#	13700	2200	3500'

It is our intention to re-enter Unit-State well #1 originally P&Aed by Samedan Oil Corporation on 4/28/61 as a Devonian test. Records indicate that 13-3/8" 48# E-40 surface casing was set @ 364' and cemented with 305 sxs. Also 8-5/8" 32# J-55 intermediate casing was set @ 4529' and cemented with 700 sxs. TOC, by Temp survey, was found @ 2400'. Later 8-5/8 casing was cut off at 2363' and pulled. Plans call for rig up Workover Rig & wash clean to 4479' & run casing inspection log. Run 8-5/8" casing & tie back to casing at 2363' and cement with 600 sxs Class "C". WOC 24 hrs. Test casing to 1500 psi for 30 min. Move in Roatry Rig & wash down to 13800'.

BOP Diagram Attached.

* Casing Set

4. ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed R. Brown R. Brown Title Field Project Manager Date 3/15/79

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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.

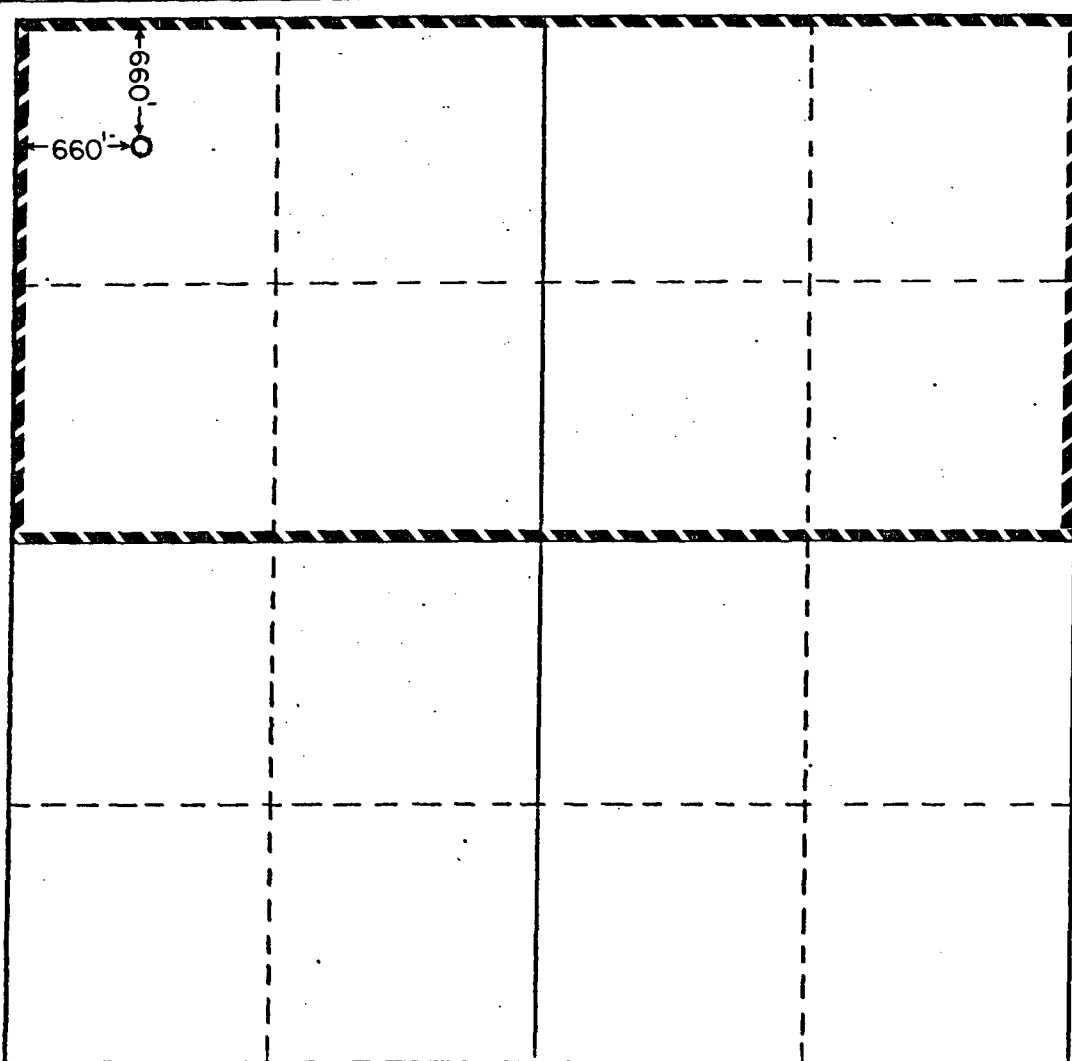
Operator Delta Drilling Company			Lease Delta - Unit State			Well No. 1		
Unit Letter D	Section 16	Township 16-S		Range 33-E	County Lea			
Actual Footage Location of Well: 660 feet from the North line and 660 feet from the West line								
Ground Level Elev. 4240		Producing Formation Morrow		Pool Wildcat		Dedicated Acreage: 320 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.



CERTIFICATION

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

Ron Brown

Name

Ron Brown

Position

Field Project Manager

Company

Delta Drilling Company

Date

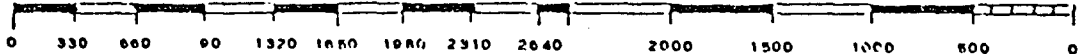
March 15, 1979

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

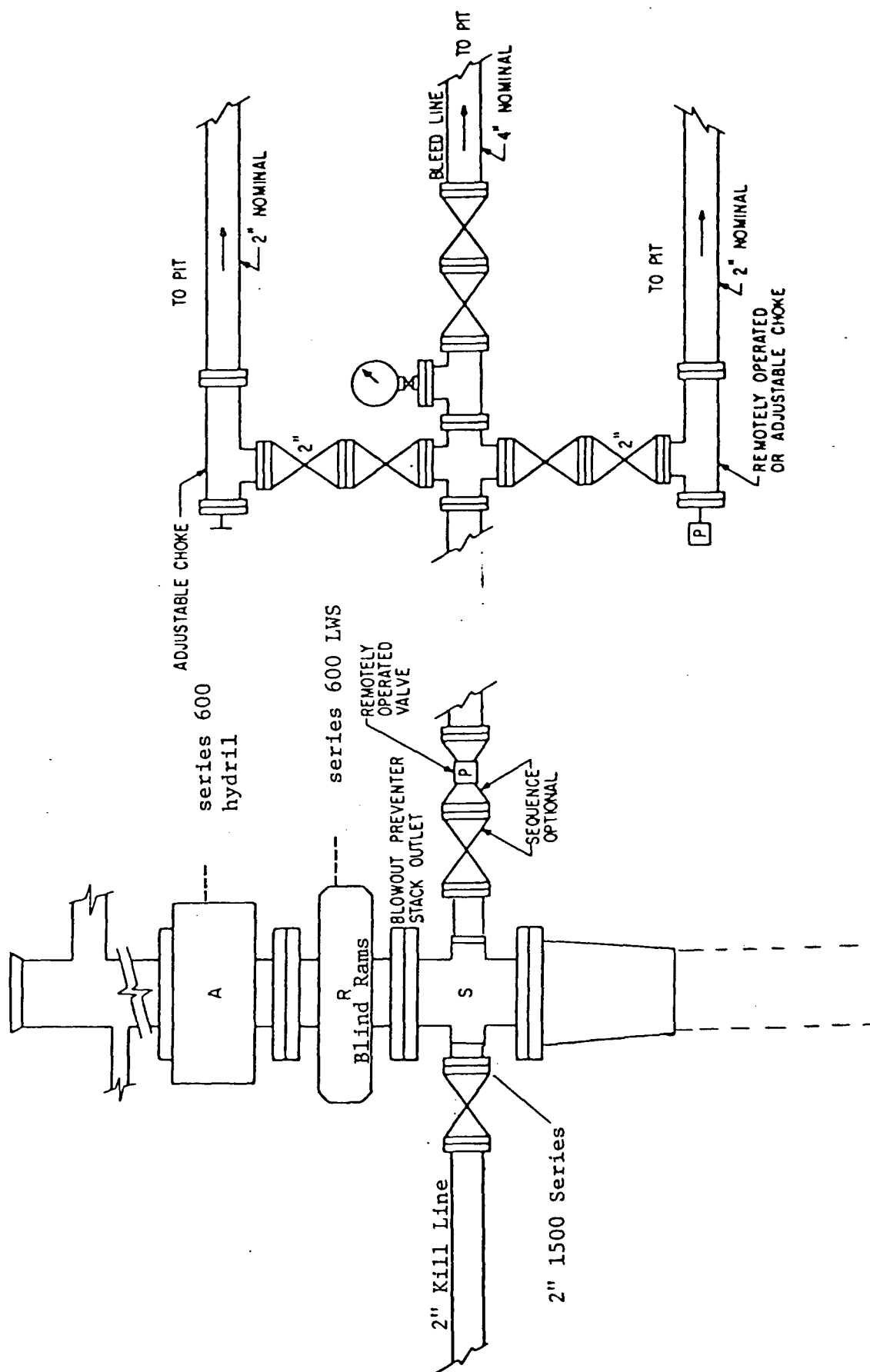
Registered Professional Engineer
and/or Land Surveyor

Certificate No.



All components through the choke to be tested to 1500#

All valves on drilling head and choke and kill manifold to be 1500 series



Rotating Head

G*

A*

R

R

S

2" Kill Line

2" 1500 Series

Casing Spool

Sequence Optional

Remotely Operated Valve

Series 1500 BOP

Adjustable Choke

TO PIT AND/OR MUD/GAS SEPARATOR

2" NOMINAL

Remotely Operated Choke

TO PIT AND/OR MUD/GAS SEPARATOR

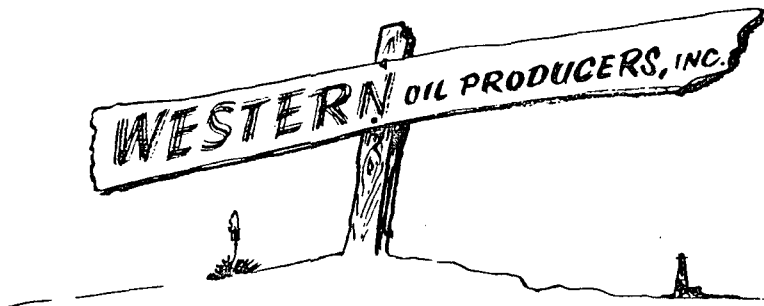
2" NOMINAL

Bleed Line

4" NOMINAL

TO PT

Series 1500 Hydril



P. O. Box 2055 • Telephone (505) 623-3131 • Roswell, New Mexico 88201

March 27, 1979

Delta Drilling Co.
P.O. Box 3467
Midland, Texas 79702

Re: Waiver of objection
Unorthodox gas well location
Delta #1 Unit State
Sec. 30, T-16S, R-33E
Lea County, New Mexico

Gentlemen:

Western Oil Producers, Inc. hereby waives any objection to your proposed unorthodox location in the NW 1/4 NW 1/4 Sec. 30, T-16S, R-33E, Lea County New Mexico for purposes of re-entering the #1 Unit State Well to attempt a Morrow completion.

Yours very truly,

WESTERN OIL PRODUCERS, INC.


Kenneth D. Reynolds
Vice President

KDR:bn

BEFORE EXAMINER STAMETS
OIL CONSERVATION DIVISION

EXHIBIT NO. _____

CASE NO. _____

Submitted by _____

Hearing Date _____