

**N1 MEXICO OIL CONSERVATION COMMISS.
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.

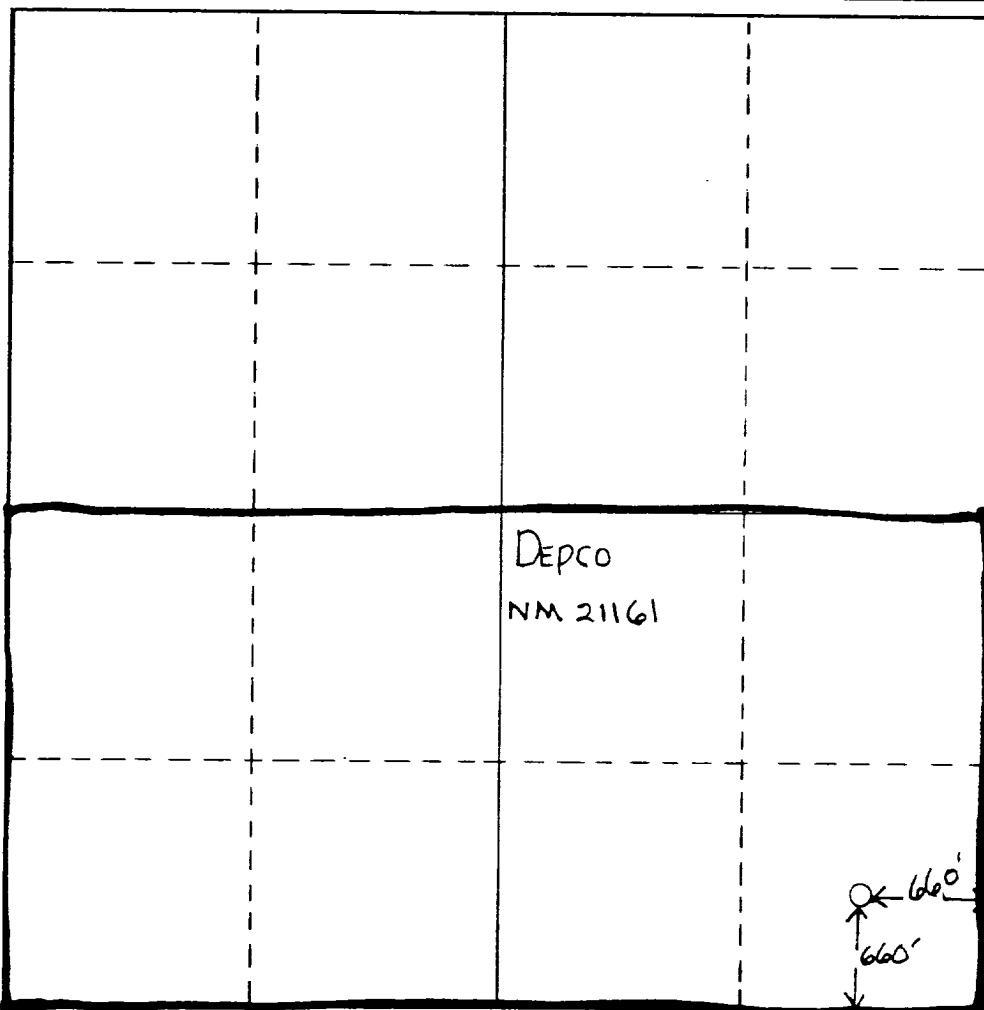
Operator Premier Production Co.			Lease Federal Cassidy		Well No. 1
Unit Letter P	Section 27	Township 14 South	Range 27 East	County Chaves	
Actual Footage Location of Well: 660 feet from the South line and 660 feet from the East line					
Ground Level Elev. 3451'	Producing Formation PI		Pool Undes. Morrow		Dedicated Acreage: 320 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

Larry Jones

Position

operator

Company

Premier Production Co.

Date

4-3-84

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

ing head if necessary
Fill up Line

Flowline

BOP
2000 psi

ANNULAR BOP

(Hydrill)

EXHIBIT B

900

PIPE RAMS

Shaffer 10" Series 9

900

Hydraulically Operated B.O.P.

BLIND RAMS

900

Check Valve

Steel
Valve

4 Inch Line

Kill
Line

900

inghead or Bradenhead

BLIND RAMS AND BLOWOUT PREVENTER REQUIREMENTS

All preventers to be hydraulically operated with secondary manual or installed prior to drilling out from under casing.

Choke outlet to be a minimum of 4" diameter.

Kill line to be of all steel construction of 2" minimum diameter.

All connections from operating manifolds to preventers to be all steel or tube a minimum of one inch in diameter.

The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate the B.O.P.'s.

All connections to and from preventer to have a pressure rating equal to that of the B.O.P.'s.

Inside blowout preventer to be available on rig floor.

Operating controls located a safe distance from the rig floor.

Hole must be kept filled on trips below intermediate casing. Operator not responsible for blowouts resulting from not keeping hole full.

B. P. float must be installed and used below zone of first gas intrusion.

Premier Production Company

Cassidy Federal #1 (Re-entry)

660' FSL and 660' FEL

Section 27 - T14S - R27E

Chaves County, New Mexico

In conjunction with Form 9-331C, Application for Permit to re-enter subject well, Premier Production Company submits the following ten items of pertinent information in accordance with USGS requirements:

1. The geologic surface formation is quaternary alluvium.
2. The estimate tops of geologic markers are as follows:

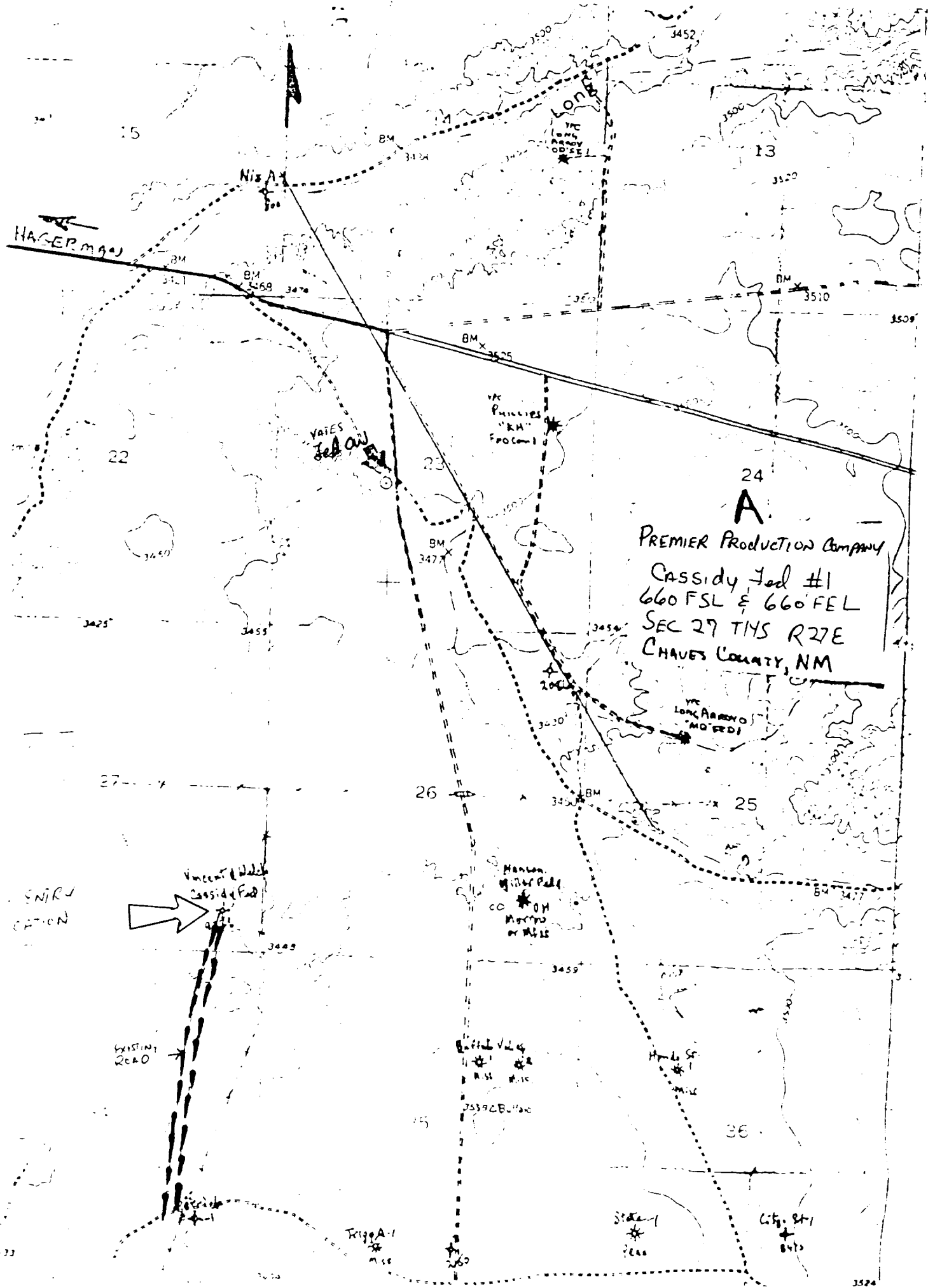
San Andres	1395'	Strawn	7512'
Abo	4890'	Atoka	7659'
Wolfcamp Lime	5910'	Morrow Clastics	7717'
Cisco	6690'	Chester	7970'
Lower Canyon	7320'	Mississippian Lime	8020'
		T. D. for cleanout	8300'

3. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:

Water: Existing casing thru this zone.

Gas: 7540'
7750'
7920'

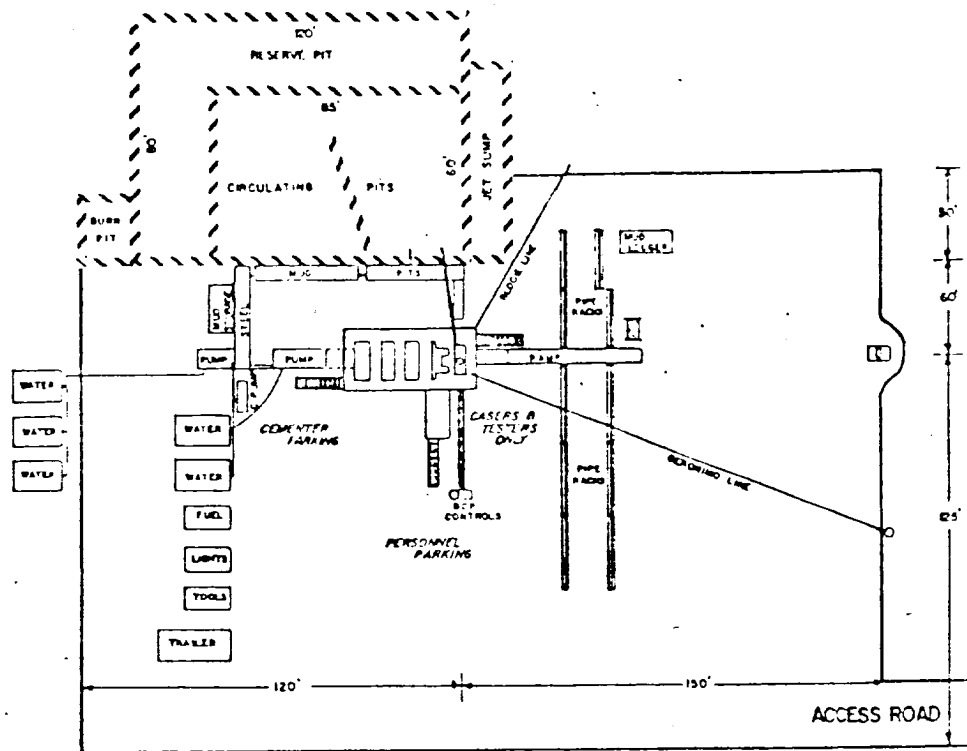
4. Proposed Casing Program: See Form 9-331C.
5. Pressure Control Equipment: See Form 9-331C and Exhibit B.
6. Mud Program: See Form 9-331C.
7. Auxiliary Equipment: Kelly Cock; pit level indicators and flow sensor equipment; sub with full-opening valve on floor, drill pipe connection.
8. Testing, Logging and Coring Program:
Logging: 5700' - T.D.
CNL - FDC T.D. to casing with GR-CNL on to surface and 2600' - 1500'
CNL - FDC.
9. No abnormal pressures or temperatures are indicated.
10. Anticipated starting date: As soon as possible after approval.



A
PREMIER PRODUCTION COMPANY
CASSIDY FED #1
660 FSL & 660 FEL
SEC 27 T15 R27E
CHAVEZ COUNTY, NM

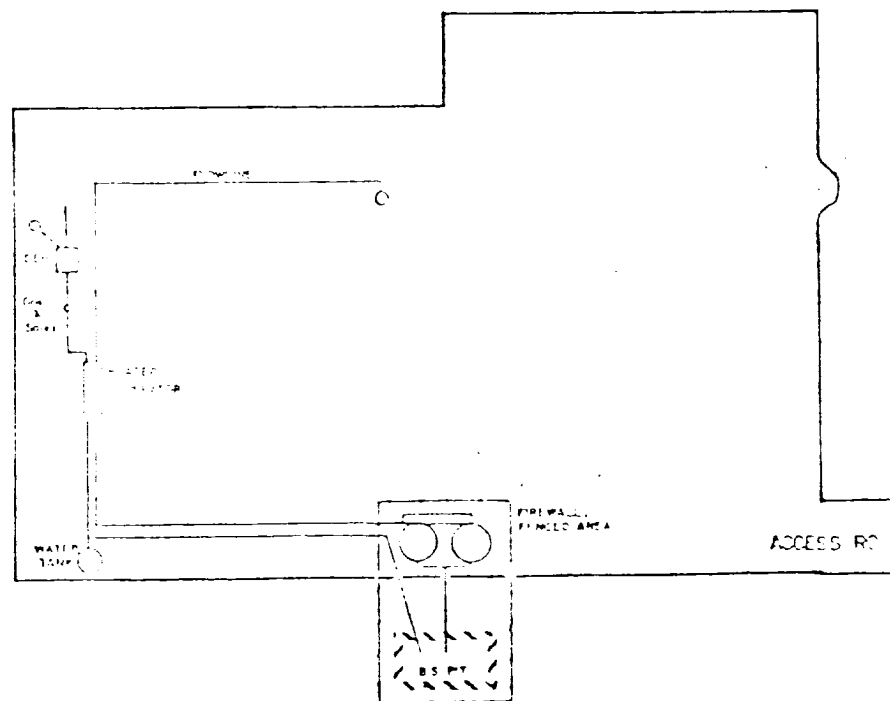
ENIRU
CATION

EXISTING
ROAD



DRILLING RIG LAYOUT

Scale: Inch = 50 feet



TANK BATTERY LAYOUT

Scale: Inch = 50 feet