- Will, LUPY

SUBMIT IN TRIPLICATE\*

(Other instructions on reverse side)

30-005-20759 Form approved. Budget Bureau No. 42-R1425.

5. LEASE DESIGNATION AND SERIAL NO.

UNITED STATES
DEPARTMENT OF THE INTERIOR

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OIL COMPENANCION PIA

# NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-10. Supersedes C-128 Ellective - 4-65

All distances must be from the euter boundaries of the Section Operator Sundance Oil Co. Grynburg Township Unit Letter 8 South 31 East Chaves Actual Footage Location of Well: 330 West North 2310 feet from the feet from the line and Producing Formation Ground Level Elev. East Siete San Andres 4331.5 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? If answer is "yes," type of consolidation \_ □ No 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 con-Richard O. Dimit Vice President, Production Sundance Oil Company 330<sup>1</sup> August 1, 1980 I hereby certify that the well-location true and correct to the best of my knowledge and belief. Date Surveyed July 17,1980 Realstered Protessional Engineer

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OIL CONSENSOR

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# Attachment to Form 9-331 C Application for Permit to Drill

O. C. D. ARTESIA, OFFICE

Sundance Oil Company, Grynberg Federal #4
2310' FNL and 330' FWL of Section 11, T.8S., R.31E.
Chaves County, New Mexico

- 1. The geologic name of the surface information is Triassic red beds overlain by wind blown sands.
- 2. The estimated tops of important geologic markers are as follows:

Rustler	1790'
Salado	1820'
Yates	2210'
San Andres	3370'
P-1	4070'
P-2	4155 '
T.D.	4350 '

3. The estimated depths at which anticipated water, oil, gas or other mineral bearing formations will be encountered are as follows:

Ogalala	150' water
Salado	1820' salt
San Andres	3370' oil and gas
P-1	4070' oil and gas
P-2	4155' oil and gas

4. The proposed casing program is as follows:

```
Surface: New 8 5/8", 24#/ft., ST&C. Production: New 4\frac{1}{2}", 10.5#/ft., ST&C, K-55.
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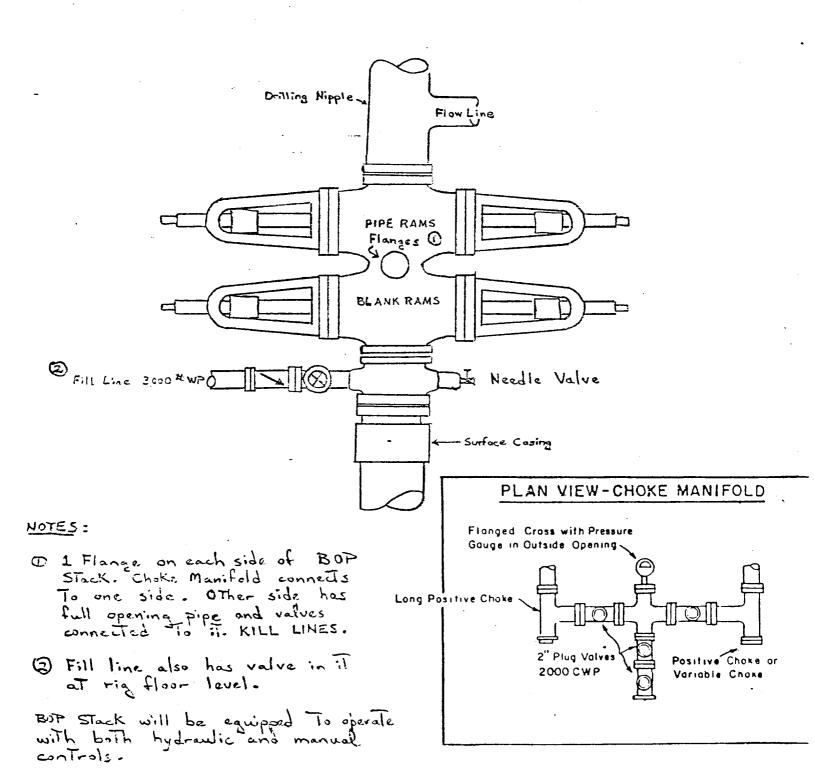
- 5. A sketch of an API Series 900 Blowout Preventer is attached. Pipe rams and blinds will be checked to 1000 psi for 30 minutes when BOP is installed. BOP will be checked when casing is set and operated daily for checks.
- 6. The proposed mud program is as follows:

```
0-1800' spud mud 8.5 - 9.0#/gal.
1800-3500' native mud 9.0 - 9.5#/gal.
3500-T.D. salt gel 9.0 - 10.0#/gal.
```

- 7. The auxiliary equipment to be used is:
  - 1. Kelly cocks.
  - 2. Floats at the bit.
  - 3. Stabbing valve on rig floor with sub to fit drill pipe.
- 8. It is proposed to run 2" and 5" GR, CNL, FDC, DLL/MLL logs from TD to 1800'.
- No abnormal pressures or temperatures are expected to be encountered in this well.
- 10. The anticipated starting date for this well is September 1, 1980. Estimated duration of drilling operations is 10 to 12 days.

### B.O.P. HOOK-UP

Schaeffer Type E 10" Series 900 Hydraulic BOP. (3,000 PSI W.P.)



All equipment, piping and values in BOP arrangement is 900 Series, i.e. 3,000 psi working pressure.

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SEP 9 1000 MULTI-POINT SURFACE USE & OPERATIONS PLAN.

Sundance Oil Company, Grynberg Federal #4

O. C. D2310' FNL and 330' FWL of Section 11, T.8S., R.31E.

ARTESIA, OFFICE Chaves County, New Mexico

This plan is to accompany "Application for Permit to Drill" the subject well which is located approximately 15 miles south of Kenna, New Mexico. The following is a discussion of pertinent information concerning possible effect which the proposed drilling of the well may have on the environment of the well and road sites and surrounding acreage.

# Existing Roads

- A. The proposed well site is 2310' FNL and 330' FWL of Section 11, T.8S., R.31E., Chaves County, New Mexico.
- B. Exhibit "A" is portion of a map showing existing roads with directions to the location from Kenna, New Mexico. The route to the location is marked in red along side of roads to be used. The well location is approximately 15 miles south of Kenna, New Mexico.
- C., D. & E. Access roads are shown on Exhibit "A".
- F. No improvement or maintenance is anticipated for the existing roads.

#### 2. Planned Access Roads

- A. Length & Width: New road required will be 2700' long and 12' wide. This new road is labeled and color coded Red on Exhibits "A" and "B". The center line of the proposed new road has been flagged and staked with the stakes visible from one to the next.
- B. Surfacing Material: Six inches of caliche, watered, compacted and graded.
- C. Drainage Design: New road will have a drop of 6 inches from center line on each side.
- D. Culverts: None.
- E. Turnouts: None.
- F. Cuts and Fills: The location and pits will be constructed as shown on Exhibit "C". Maximum cut and maximum fill will be 3' on the location, other than leveling sand dunes.
- G. Gates, Cattlequards, Fences: None.

# Location of Existing Wells

A. See Exhibit "B".

# 4. Location of Existing and/or Proposed Facilities

- A. The tank battery and production facilities will be located on this lease near the Grynberg Federal #4 location ( SW NW Section 11).
- B. Facilities will be fenced and/or covered to protect livestock and wildlife.

Multi-Point Surface Use & Operations Plan Grynberg Federal #4 Page 2

C. All unused areas disturbed by construction will be restored to natural terrain profile after construction is completed.

## 5. Location and Type of Water Supply

- A. Water will be obtained from well at Kenna and/or Crossroads.
- B. Water will be transported by truck.

## 6. Source of Construction Materials

A. Caliche will be obtained from a pit in Section 31, T.7S., R.32E.

## 7. Methods for Handling Waste Disposal

- A. Drill cuttings will be disposed of in the reserve pit.
- B. Drilling fluids will be allowed to evaporate in the drilling pits until pits are dry.
- C. Water produced during tests will be disposed of in the drilling pits. Oil produced during tests will be stored in test tanks until sold.
- D. Current laws and regulations pertaining to the disposal of human waste will be complied with.
- E. Trash, waste paper, garbage and junk will be buried in a separate trash pit and covered with a minimum of 24 inches of dirt. All waste material will be contained to prevent scattering by the wind. Location of trash pit is shown on Exhibit "C". If well is productive, maintenance waste will be placed in special trash cans and hauled to an approved sanitary landfill, periodically. Any produced water will be collected in tanks until hauled to an approved disposal system, or separate disposal application will be submitted to the Survey for appropriate approval.
- 8. Ancillary Facilities: None.

#### 9. Well Site Layout

- A. Exhibit "C" shows the relative location and dimensions of the well pad, mud pits, reserve pit, trash pit and location of major rig components.
- B. The reserve pit will be lined with plastic.
- C. The pad and pit area has been flagged and staked.

#### 10. Plans for Restoration of Surface

A. Pits will be backfilled and leveled as soon as practical to original condition. Commencement of rehabilitation operations will immediately follow removal of drilling and completion equipment from location and rehabilitation of the surface is planned to be completed within 45 days from commencement.

Multi-Point Surface Us. & Operations Plan Grynberg Federal #4 Page 3

#### 11. Other Information

- A. Terrain: Low rolling sand hills.
- B. Soil: Sandy.
- C. Vegetation: Scrub oak, bear grass and very sparse vegetation.
- D. Surface Use: Grazing.
- E. Ponds and Streams: None within one mile.
- F. Water Wells: One mile northwest of location.
- G. Residences and Buildings: One mile northwest of location.
- H. Arroyos, Canyons, Etc.: Caprock escarpment approximately one mile east of location.
- I. Well Sign: Sign identifying and locating well will be maintained at drill site with the spudding of the well.
- J. Open Pits: All pits containing mud or other liquids will be fenced.
- K. Archaeological Resources: None observed.

#### 12. Lessee's or Operator's Representative

Richard O. Dimit Sundance Oil Company Suite 510, 1776 Lincoln St. Denver, CO 80203 Business Phone (303) 861-4694

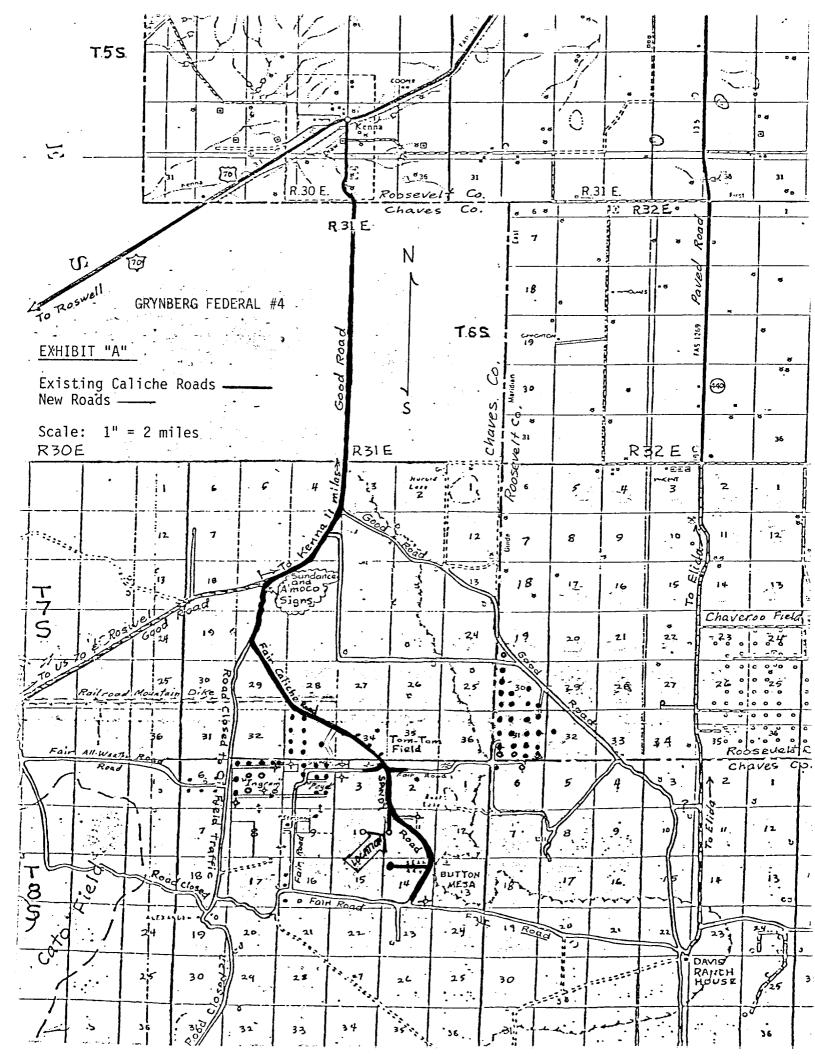
#### 13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions 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 opeerations proposed herein will be performed by SUNDANCE OIL COMPANY and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

Date

Richard O Dimit

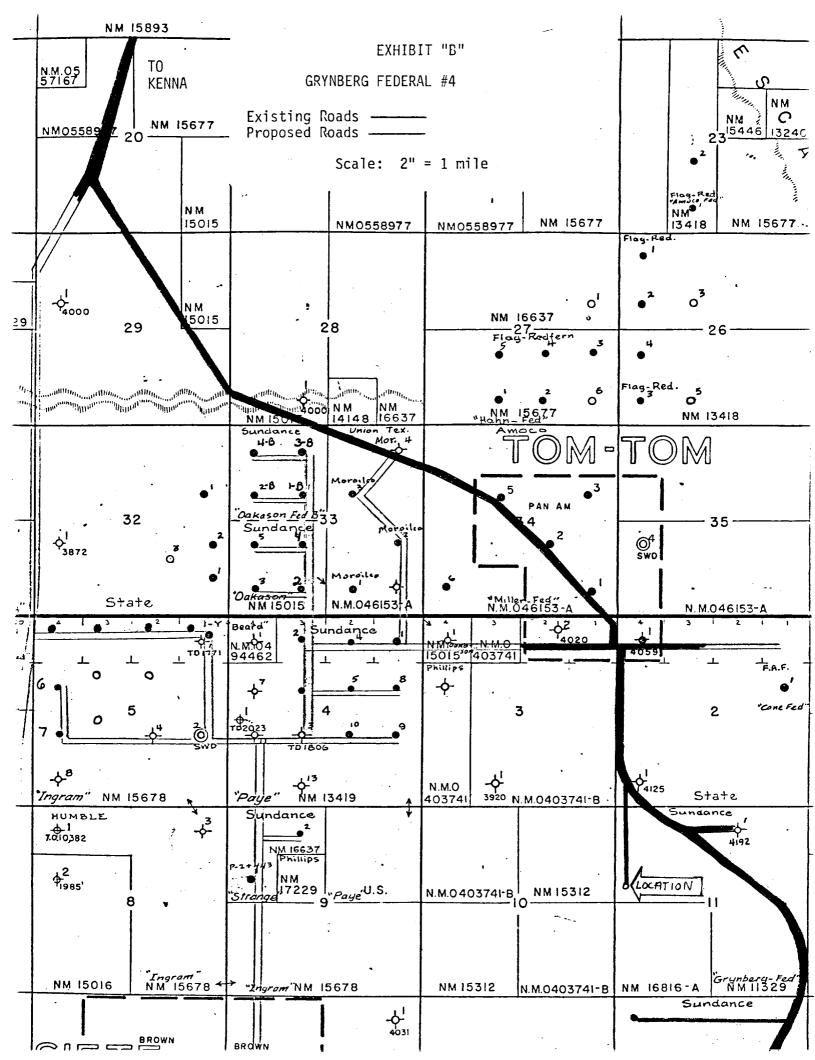
Vice President, Production



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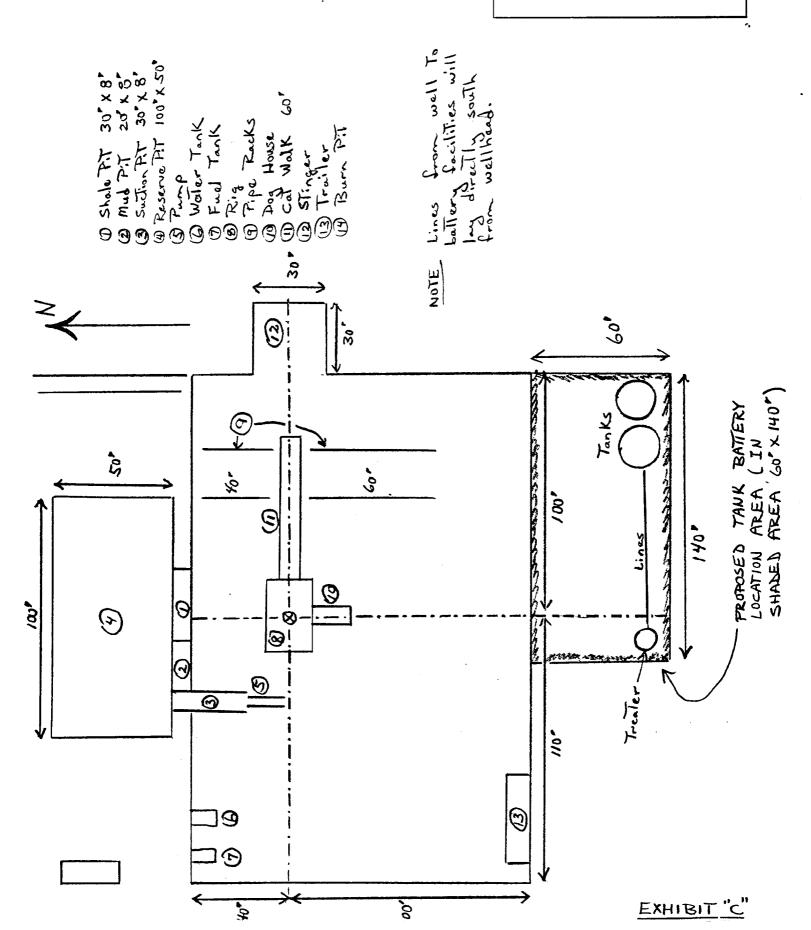


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OIL CONSERVATION PRA

LOCATION, MUD PIT AND PROPOSED TANK BATTERY AREA SPECIFICATIONS



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