#### SUBMIT IN TRIPLICATE\*

Form approved. Budget Bureau No. 42-R1425.

(Other instructions on reverse side)

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DEPARTMENT	OF	THE	INTERIOF	?

30-039-22 5-09

5. LEASE DESIGNATION AND SERIAL NO.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  Id. TYPE OF WORK  DRILL SO DEEPEN DEEPEN DELY  OIL OAS OF OFERATOR  CONSOLIDATED WELL  NAME OF OFERATOR  CONSOLIDATED STREET  1860 Lincoln Street, Denver, Colorado 80295  1 Location of Well (Report location clearly and in accordance with any State requirements.*)  At springer  1550' FSL, 950' FWL  At proposed prod. Zone  Same  14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*  35 miles northwest of Lindrith, New Mexico  10. DISTANCE FROM PROPOSED'  10. DISTANCE FROM PROPOSED LOCATION'  10. DISTANCE FROM PROPOSED  11. NO. OF ACRES IN LEASE  11. NO. OF ACRES ASSIGNED  12. COUNTY OR PARLSE  13. STATE  14. NO. OF ACRES IN LEASE  15. OO ACRES ASSIGNED  16. NO. OF ACRES IN LEASE  17. NO. OF ACRES ASSIGNED  18. DISTANCE FROM PROPOSED  19. PROPOSED DEPTH  20. ROTARY OR CABLE TOOLS  ROTARY  20. ROTARY OR CABLE TOOLS  20. ROTARY OR CABLE TOOLS  20. ROTARY OR CABLE TOOLS  21. ELYATIONS (Show whether DF, RT, GR, etc.)  7110' GR, ungraded  23.  PROPOSED CASING AND CEMENTING PROGRAM  SIZE OF HOLE  SIZE OF HOLE  SIZE OF HOLE  SIZE OF CASING WEIGHT PER POOT SETTING DEPTH  15-1/2"  10-3/4"  40.50 lb. 250'  300 sk, circulate  9-7/3"  7-5/8"  26. 4 lb. 4,050'  20. ROTARY  QUANTITY OF CEMENT  15-1/2"  10-3/4"  40.50 lb. 250'  300 sk, circulate
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1. Drill 15-1/2000 More and Cement 10-3/4", 40 lb. casing
to surface.
2. Install and test BOP and casinghead. Stand cemented 12 hrs.
3. Drill 9-7/8" hole to 4,050'. Cement intermediate casing with 200 sk.
4. Air or gas drill 6-3/4" hole to TD
5. Run $5-1/2$ ", 17 lb. and 15.5 lb. liner and cement with 300 sk.
6. Perforate Dakota sand, stimulate and complete.
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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAMGIP Proposed is to deepen or plug back, give data on present productive the real proposed room. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depuis. preventer program, if any. 24 SIGNED

Engineer DATE

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II answer	s "no," list the	owners and tract des	criptions which have t	icidally need	consortanted.	(050 10 101 100 101
this form it	necessary.)	ned to the well until al	Listarrete have been	consolidated	(hy communi	tization, unitization.
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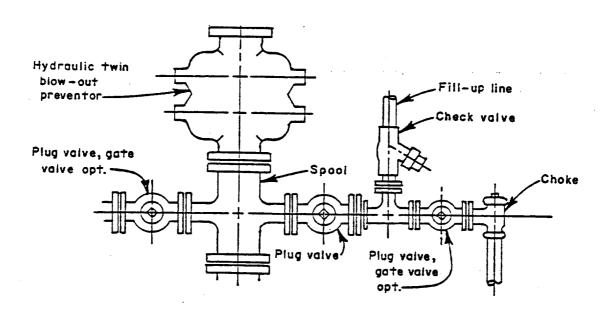
DIAGRAM "A"

U.S.G.S. APPLICATION FOR PERMIT TO DRILL

CONSOLIDATED OIL & GAS, INC - OPERATO

NORTHWEST FEDERAL No. 3-E NWSW Sec. 6, T26N, R4W Rio Arriba County, New Mexico (Contract No. 119)

PRESSURE CONTROL EQUIPMENT



#### DEVELOPMENT PLAN FOR SURFACE USE

## Consolidated Oil & Gas, Inc. - Operator

#### NORTHWEST FEDERAL No. 1 WELL

NWSW Sec. 6, T25N, R4W Rio Arriba County, New Mexico

Contract No. 119

### 1. Existing Roads

See enclosed topographic map (Attachment "A") which shows existing improved and unimproved roads.

#### 2. Planned Access Roads

A short (20' wide  $\times$  50' long) road approaching the location from the north off an existing location will be constructed.

### 3. Location of Existing Wells

See enclosed lease map (Attachment "B").

## 4. Location of Existing and/or Proposed Facilities

See enclosed lease map (Attachment "B") showing location of wells and facilities operated by Consolidated Oil & Gas, Inc. If production is encountered, the tank battery and other required producing equipment will be located per attached completion plat (Attachment "C").

# 5. Location and Type of Water Supply

Water for drilling will be trucked approximately twenty miles or purchased locally, if available, and transported via irrigation pipe.

## 6. Source of Construction Materials

No additional construction material will be required.

## 7. Methods of Handling Waste Disposal

All waste material will be contained by earthen and steel pits. Earthen pits will be subsequently backfilled and buried. A portable chemical toilet will be furnished for drilling personnel.

#### 8. Ancillary Facilities

No separate drill campsites are proposed.

## 9. Wellsite Layout

The drilling site location will be graded and will approximate  $200' \times 250'$  with natural drainage to the south. Care will be taken while grading to control erosion (See Attachment "D").

### 10. Plans for Restoration of Surface

- A. Following drilling and completion operations, all equipment and material not needed for operations will be removed. Pits containing fluid will be fenced until filled, with any additional pits filled, and the location cleaned of all trash and junk.
- B. After abandonment, any special rehabilitation and/or revegetation requirements (reseed with seed mixture No. 2) will be complied with and accomplished as expeditiously as possible. All pits should be filled and leveled within 90 days after abandonment.

### 11. Other Information

The location is on a rolling mesa top with alluvial surface deposits and sandstone outcrops. Vegetation consists of scrub oak, juniper, mountain mahogany, scarlet penstemon, antelope bitter brush, Indian rice grass, prickley pear, yucca and pinon. No residences or structures are nearby. The surface rights are owned by The Jicarilla Apache Tribe. During any operations, if any historic or prehistoric ruin, monument or site, or any object of antiquity is discovered, work will be suspended and the discovery will be reported to the appropriate regulatory agency.

## 12. Operator's Representative

Consolidated Oil & Gas, Inc. John E. Wey Division Operations Engineer 1850 Lincoln Street, Suite 1300 Denver, Colorado 80295 Phone: (303) 861-5252

### 13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite 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 operations proposed herein will be performed by Consolidated Oil & Gas, Inc. and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

July 31, 1980

Date

John E. Wey

Division Operations Engineer

## ATTACHMENT "C"

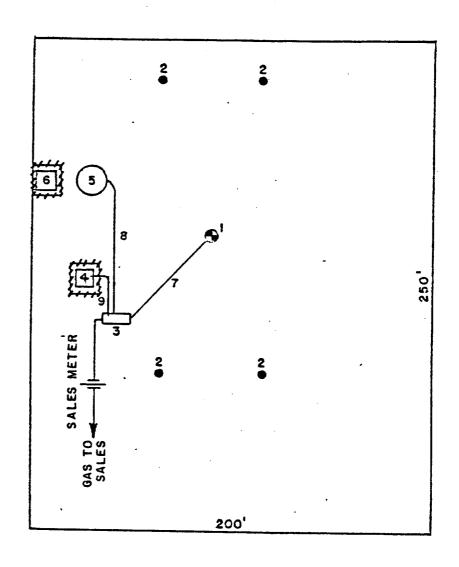
## DEVELOPMENT PLAN FOR SURFACE USE

## CONSOLIDATED OIL & GAS, INC. - OPERATOR

NORTHWEST FEDERAL No. 3-E NWSW Sec. 6, T26N, R4W Rio Arriba County, New Mexico (Contract No. 119)

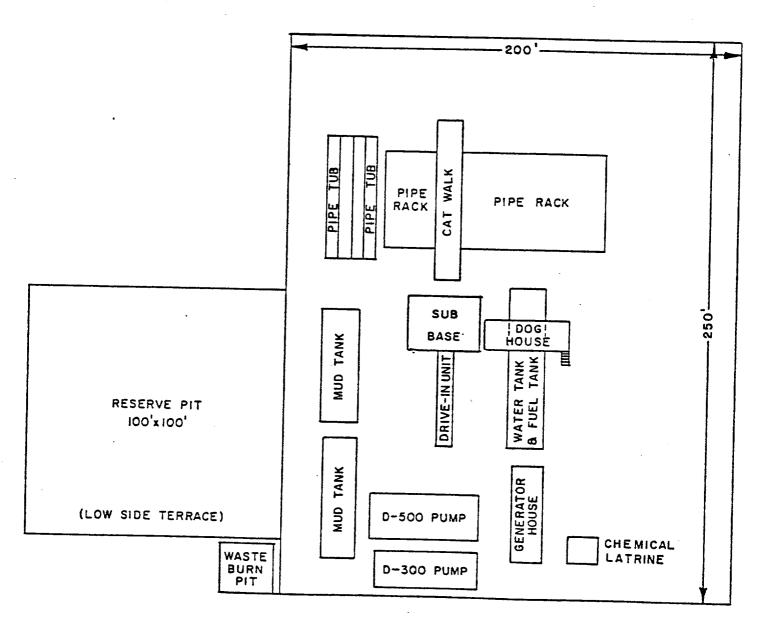
PROPOSED COMPLETION LAYOUT

- 1. Well
- 2. Dead Men
  - 3. Prod. Unit
  - 4. Water Pit
  - 5. 300 bbl. 0il Tank
  - 6. Water Pit
  - 7. 2" Buried flow line
  - 8. 1½" Oil Line
- 9. 1½" Water Line



1" equals 50'

Fence - / / / / /



ATTACHMENT "D"

DEVELOPMENT PLAN FOR SURFACE USE

CONSOLIDATED OIL & GAS, INC. - OPERATOR

NORTHWEST FEDERAL No. 3-E NWSW Sec. 6, T26N, R4W Rio Arriba County, New Mexico (Contract No. 119)

PROPOSED WELLSITE LAYOUT FOR DRILLING



# Consolidated Oil & Gas, Inc.

LINCOLN TOWER BUILDING 1860 LINCOLN STREET DENVER. COLORADO 80295 (303) 861-5252

July 31, 1980

U. S. Geological Survey P. O. Box 959 Farmington, New Mexico 87401

> Re: Application for Permit to Drill Northwest Federal No. 3-E Well Rio Arriba County, New Mexico Contract No. 119

#### Gentlemen:

Following is the information requested in NTL-6 to accompany the permit to drill:

H. S. San Carlo

- 1. Location: 1550' FSL, 950' FWL, "L", Sec. 6, T26N, R4W Rio Arriba County, New Mexico
- 2. Elevation of Unprepared Ground: 7110'
- 3. Geologic Name of Surface Formation: Nacimiento
- 4. Type of Drilling Tools: Rotary
- 5. Proposed Drilling Depth: 8300'
- Estimated Geologic Markers: 7. Anticipated Gas & Oil 6. Ojo Alamo 3250' Pictured Cliffs 3800' Х Cliff House 5475' Х Pt. Lookout 5955' X Greenhorn 7860' Dakota 80801 Χ

# 8. Casing Program and Setting Depth:

	Size	Weight	Grade	Condition	Setting Depth
Surface Intermediate Liner	8-5/8" 7-5/8" 5-1/2"	24.0# 26.4# 15.5# & 17#	K-55 K-55 K-55	New New New	250' 4,050' 3950-8300'

### 9. Casing Setting Depth and Cementing:

Surface casing will be set at 250'. Cement will be circulated to surface with approximately 300 sk. Class "B" neat cement containing 2% CaCl<sub>2</sub>.

### Cementing Prognosis:

- a. 7-5/8" Intermediate casing will be run to 4,050' and cemented with 100 sk. of 65/35 Pozmix, 12% gel, followed by 100 sk. of Class "B", all with 2% CaCl<sub>2</sub>.
- b. 5-1/2" liner will be run from T.D. to 100' above shoe of 7-5/8" and cemented with 300 sk. of 50/50 Pozmix, 4% gel, 10 lb./sk. Gilsonite and 0.4% FLA.
- 10. Pressure Control Equipment: See attached Diagram "A"
- 11. Circulating Media: 0-250' fresh water spud mud; 250'-4050' fresh water, low solid mud with following properties: viscosity 32-28 sec., water loss 10-15 cc, weight 8.5-9.0 ppg with heavier weights if required by well conditions. 4050'-8300': air or gas drilling.
- 12. Testing, Logging and Coring Programs:
  - a. Open hole logs will be run prior to running liner.
  - b. Coring is not planned
- 13. Abnormal Pressure or Temperature and Hydrogen Sulfide Gas:

We do not anticipate abnormal pressure, temperature or hydrogen sulfide gas; however, a remote control blowout preventer as shown on attached Diagram "A" will be installed.

- 14. Anticipated Starting Date: Drilling operations should start within 60 days after receiving approval.
- 15. Other Facets of the Proposed Operations: None

Yours very truly,

CONSOLIDATED OIL & GAS, INC.

%ohn E. Wey

Division Operations Engineer Rocky Mountain Division

JEW:1t Attach.