

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☒

2. NAME OF OPERATOR

Consolidated Oil & Gas, Inc.

3. ADDRESS OF OPERATOR

P.O. Box 2038, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

800' FNL & 790' FEL (NEWNE)(A)

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

37 miles north of Lindrith, N..M.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

790'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

180'

16. NO. OF ACRES IN LEASE

2503.09

19. PROPOSED DEPTH

8480'

17. NO. OF ACRES ASSIGNED

320.58

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DP, RT, GR, etc.)

7239' GR

22. APPROX. DATE WORK WILL START*

8-30-84

23.

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to administrative
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WRIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15-1/2"	10-3/4"	40.5#	350'	350 cu ft, circ to surface
9-7/8"	7-5/8"	26.4#	4300'	375 cu ft
6-3/4"	5-1/2"	17# & 15.5#	8480'	420 cu ft

1. Drill 15-1/2" hole to 350'. Run & cement 10-3/4" casing. Circulate cement to surface. WOC 12 hours.
2. Install casinghead & BOP, test to 1500 psi.
3. Drill 9-7/8" hole to 4300'. Run 7-5/8" casing & cement with 375 cu ft.
4. Change circulating medium to air or gas and drill 6-3/4" hole to estimated TD of 8480'. Run electric logs.
5. Run 5-1/2" liner from 4100' to 8480' and cement.
6. Perforate Dakota and Gallup formations, stimulate and complete as required by regulations.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE

Drilling Foreman

(This space for Federal or State Office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

OIL CON. DIV.
DIST. 3

7-12-84
APPROVED
AS AMENDED
AUG 27 1984
DATE
R. B. Buehner
AREA MANAGER
FARMINGTON RESOURCE AREA

NMOCC

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

All distances must be from the outer boundaries of the Section.

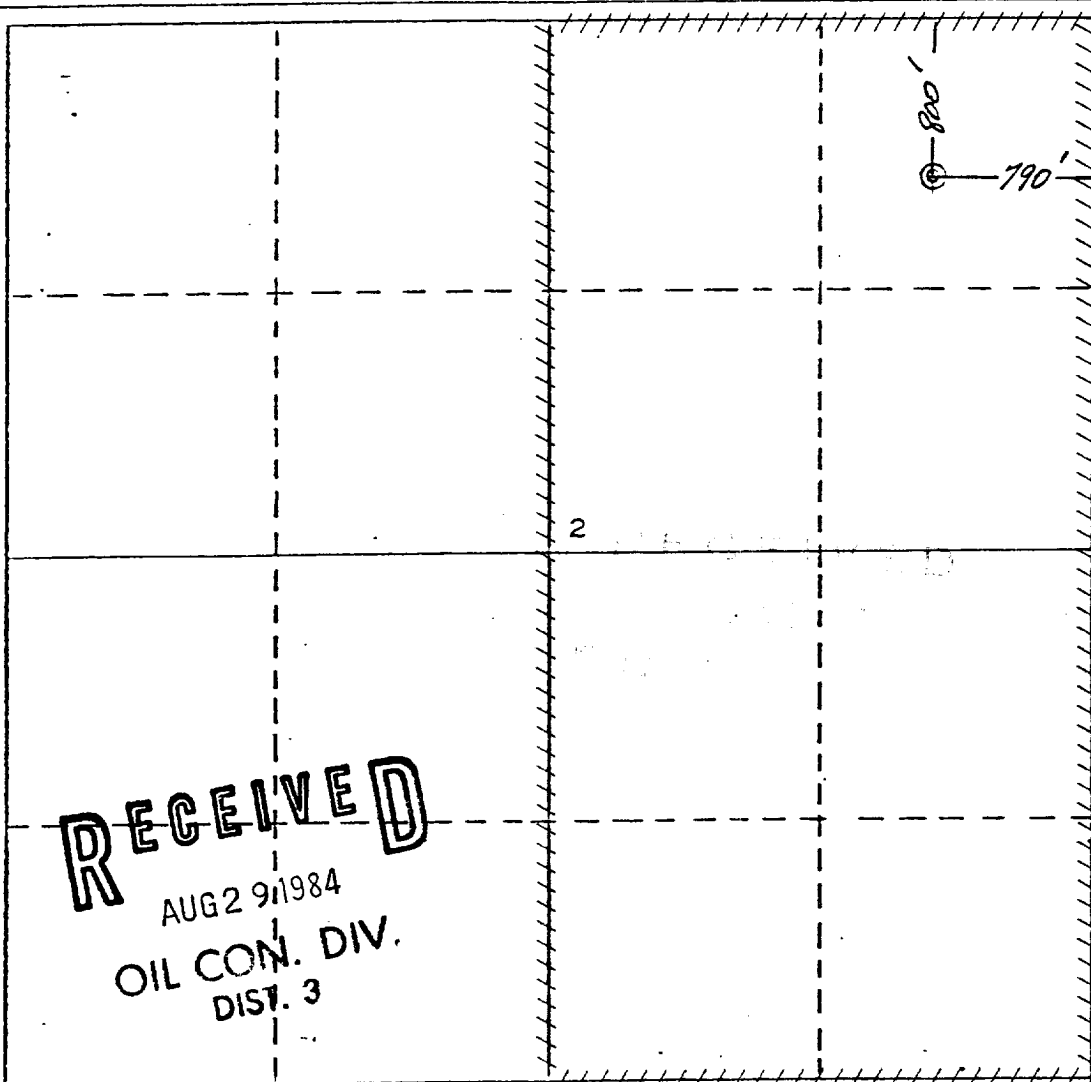
Operator CONSOLIDATED OIL & GAS			Lease HURON		Well No. 4E
Unit Letter A	Section 2	Township 26 NORTH	Range 4 WEST	County RIO ARriba	
Actual Footage Location of Well: 800 feet from the NORTH line and 790 feet from the EAST line					
Ground Level Elev. 7239	Producing Formation Dakota		Pool Basin Dakota		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 Division.



CERTIFICATION

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

Barbara Rex

Name

Barbara Rex

Position

Prod. & Drlg. Technician

Company

Consolidated Oil & Gas, Inc.

Date

7-13-84



Date Surveyed

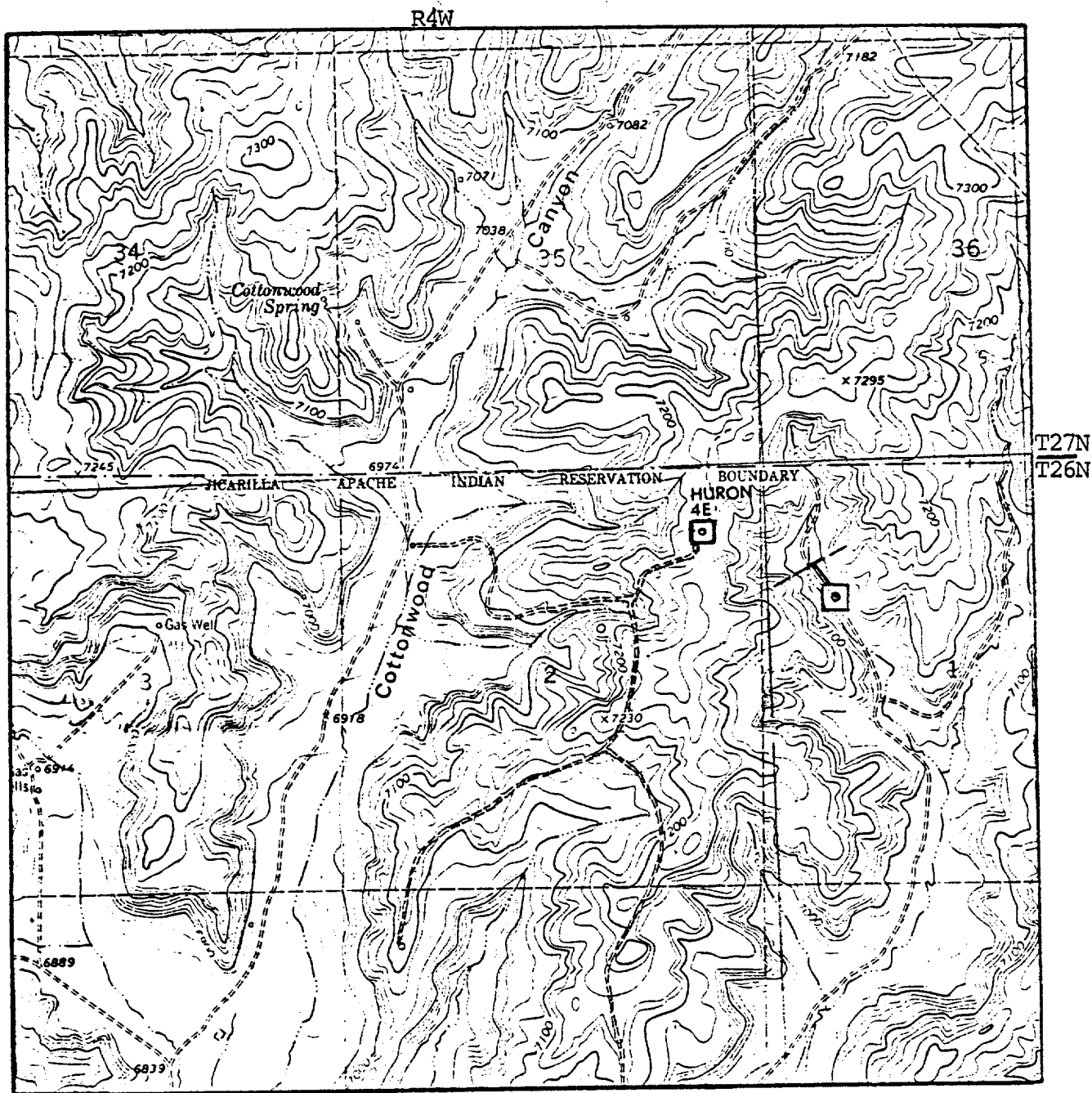
April 17, 1981

Registered Professional Engineer
and/or Land Surveyor

Michael Daly

Certificate No.

5992



Consolidated Oil and Gas

USGS Pine Lake, N. Mex.
N3630-W10707.5/7.5, 1963

Well Huron 4E

0 1 2 3 4 5
Thousand Feet

Scale 1:24,000

Jicarilla Archaeological Services

June 15, 1981