

N.O.C.D. COPY  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE  
(Other instructions  
reverse side)Form approved.  
Budget Bureau No. 42-R1425.

30-005-60884

## 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

Coastal Oil &amp; Gas Corporation

## 3. ADDRESS OF OPERATOR

Box 1332, Amarillo, Texas 79189

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

At surface

428' FSL &amp; 903' FWL

At proposed prod. zone

Same

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

18 miles east-northeast of Artesia, New Mexico

## 10. DISTANCE FROM PROPOSED\*

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

428'

## 16. NO. OF ACRES IN LEASE

440

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1407'

## 19. PROPOSED DEPTH

1300'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3565' GR

## 22. APPROX. DATE WORK WILL START\*

Nov. 1, 1980

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	350'	225 sx Class 'H' w/2% CaCL Circulated
7 7/8"	5 1/2"	14#	1300'	100 sx Class 'C' w/2% CaCL

Mud Program: See Exhibit E

BOP Program: Rotating head and diverter line to be installed after surface pipe is set. Diverter line will have a closing valve in it.

RECEIVED  
SEP 18 1980  
U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

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

*Paul L. Roberts*

TITLE Petroleum Engineer

DATE Sept. 5, 1980

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY (Orig. Sgd.) PETER W. CHESTER

TITLE ACTING DISTRICT ENGINEER

DATE FEB 23 1981

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

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

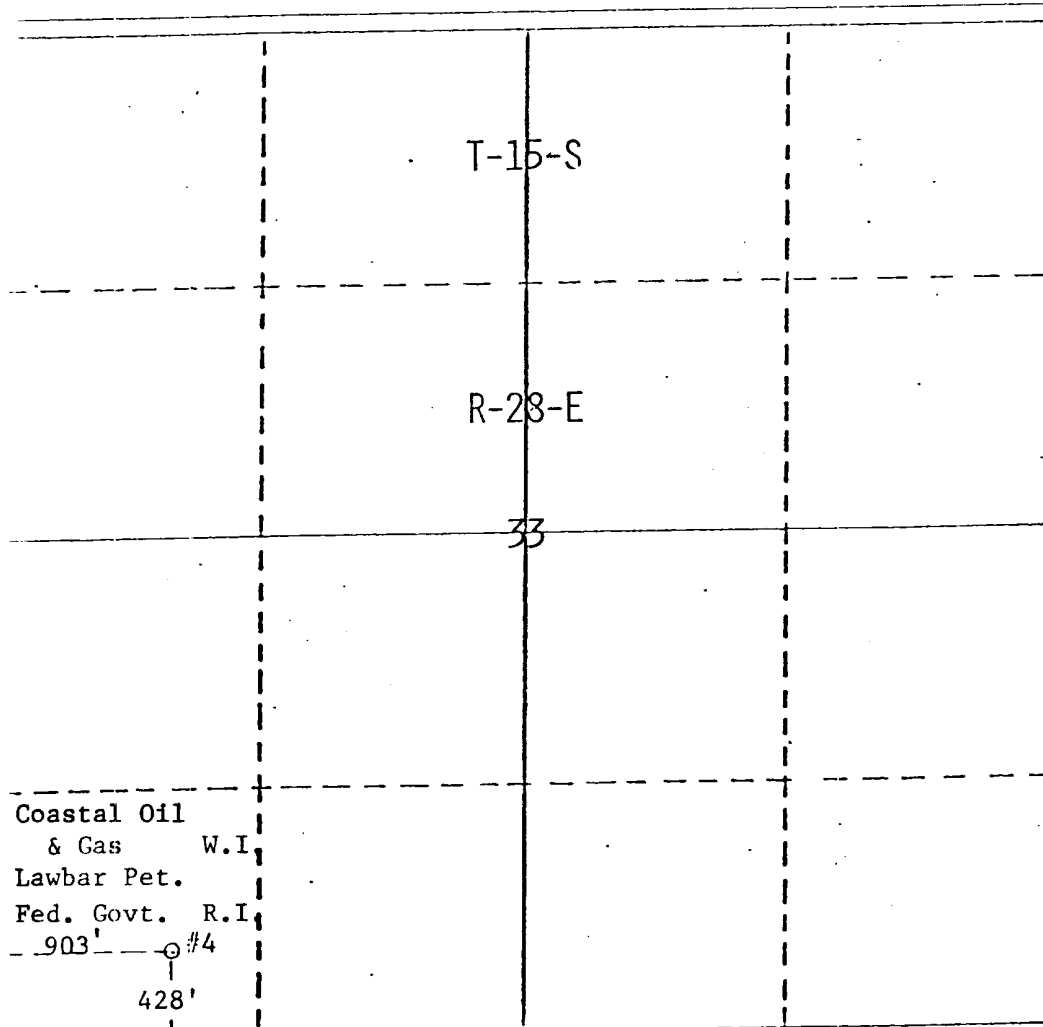
Operator Coastal Oil & Gas Corporation			Lease HALL FEDERAL		Well No. 4
Unit Letter M	Section 33	Township 15 S	Range 28 E	County CHAVES	
Actual Footage Location of Well:					
428	feet from the	SOUTH	line and	903	feet from the WEST line
Ground Level Elev. 3565'	Producing Formation Queen		Pool Wildcat		Dedicated Acreage: 40 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.) NA

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.

Name  
Paul D. Roberts  
Position  
Petroleum Engineer  
Company  
Coastal Oil & Gas Corp.  
Date  
Sept. 5, 1980

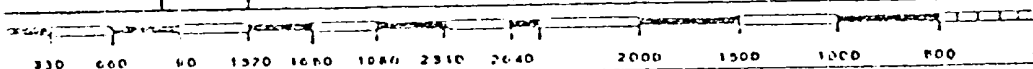
I have surveyed the location shown on this plat was plotted from field notes of actual survey made by me or under my supervision, and that the same is true and correct to the best of my knowledge.

July 17, 1980  
Date Surveyed

Registered Professional Engineer and/or Land Surveyor

3959

Certificate No.



SUPPLEMENTAL DRILLING DATA

COASTAL OIL & GAS CORPORATION  
HALL FEDERAL LEASE  
SECTION 33-15S-28E  
CHAVES COUNTY, NEW MEXICO

1. SURFACE FORMATION: Tansil

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Base Salt	300'
Yates	423'
Seven Rivers	643'
Queen	1130'

3. ANTICIPATED POROSITY ZONES:

Water	50-100'
Oil	1200'

4. CASING DESIGN:

<u>Size</u>	<u>Interval</u>	<u>Weight</u>	<u>Grade</u>	<u>Joint</u>	<u>Condition</u>
8 5/8"	0-350'	24#	H-40	STC	New
5 1/2"	0-TD	14#	K-55	STC	New

5. SURFACE CONTROL EQUIPMENT: Rotating Control Head with a diverter line

6. CIRCULATING MEDIUM: Drilling Mud

7. AUXILIARY EQUIPMENT: None considered necessary on shallow development well.

8. TESTING, LOGGING AND CORING PROGRAMS: Logs will be run to TD.

9. ABNORMAL PRESSURES, TEMPERATURES OR HYDROGEN SULFIDE GAS: None.

10. ANTICIPATED STARTING DATE: It is planned that operations will commence about November 1, 1980. Duration of drilling and completion operations should be 4 to 10 days.



