

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

Coastal Oil & 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

330' FSL & 990' FEL

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

15. DISTANCE FROM PROPOSED*

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

330'

16. NO. OF ACRES IN LEASE

440

18. DISTANCE FROM PROPOSED LOCATION*

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

660'

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.)

3554' 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 Circulate
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.

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 D. Roberts

TITLE Petroleum Engineer

DATE Sept. 5, 1980

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

(Orig. 5g1) PETER W. CHESTER

TITLE

ACTING DISTRICT ENGINEER

DATE

FEB 23 1981

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

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.

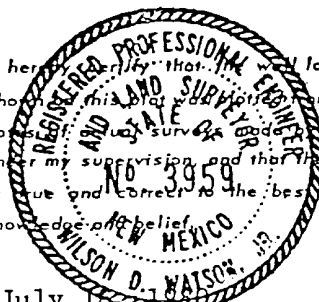
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

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.

Form C-102
Supersedes C-128
Effective 1-1-65

T-15-S R-28-E 33 Coastal Oil & Gas W.I. Lawbar Pet. Fed. Govt. R.I. #1 990' 330'	CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> Name Paul D. Roberts Position Petroleum Engineer Company Coastal Oil & Gas Corp. Date Sept. 5, 1980  I hereby certify that the location shown on this map and survey is correct and true to the best of my knowledge and belief. Wilson D. Watson, P.E. No. 3959 NEW MEXICO Date Surveyed July 18, 1980 Registered Professional Engineer and/or Land Surveyor <i>Wilson D. Watson</i> Certificate No. 3959
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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.

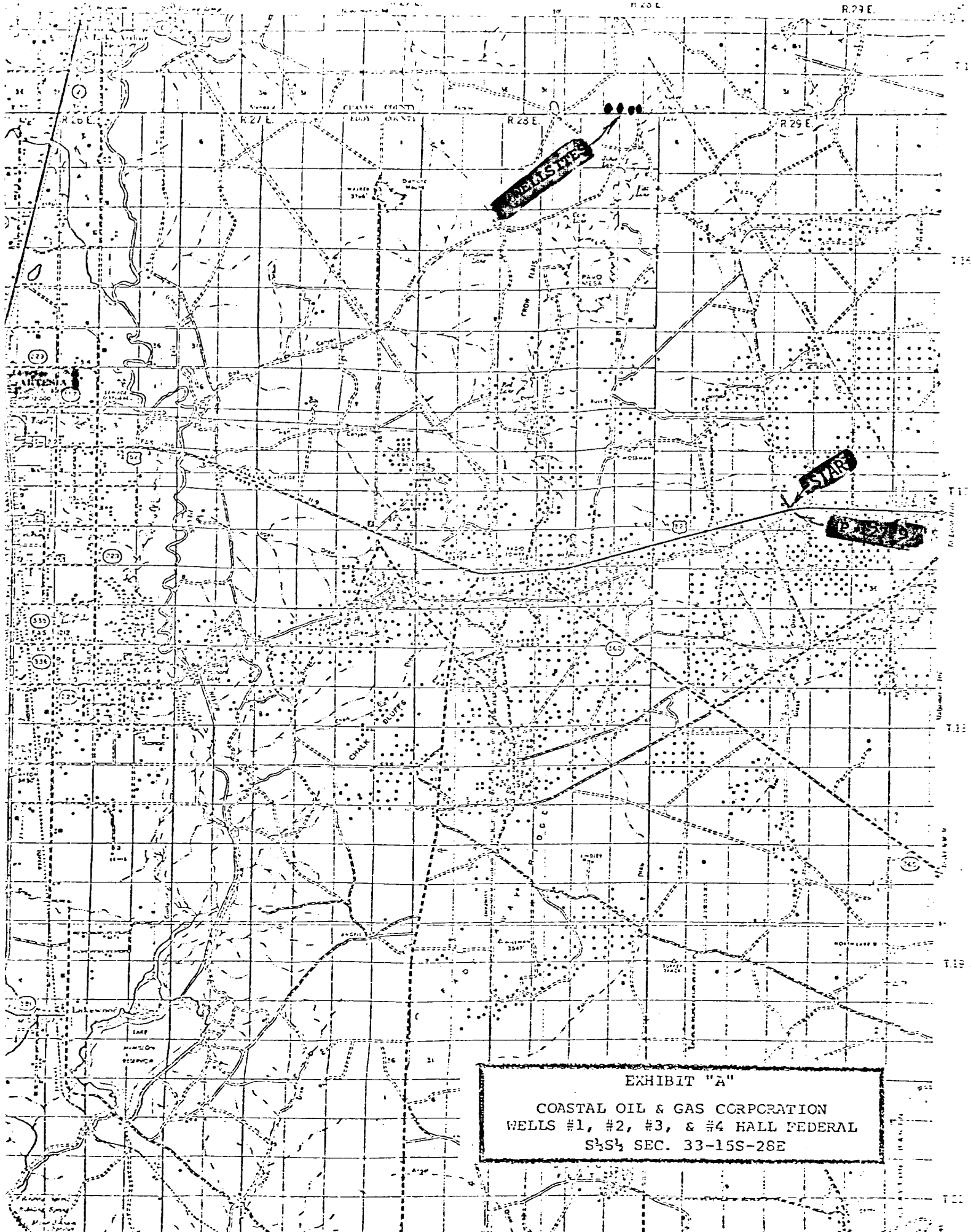


EXHIBIT "A"

COASTAL OIL & GAS CORPORATION

WELLS #1, #2, #3, & #4 HALL FEDERAL

S1S1 SEC. 33-15S-28E

