

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM 2842A	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Coastal Oil & Gas Corporation			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 235, Midland, Texas 79702			8. FIRM OR LEASE NAME Federal "20"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface Unit K, 1980' FWL & 1980' FSL At proposed prod. zone			9. WELL NO. 5	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 30 miles NW of Lovington			10. FIELD AND POOL, OR WILDCAT Undesignated Abo	
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1980'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 20, T-13-S, R-33-E	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1320			12. COUNTY OR PARISH Lea	
16. NO. OF ACRES IN LEASE 640			13. STATE New Mexico	
17. NO. OF ACRES ASSIGNED TO THIS WELL 80			20. ROTARY OR CABLE TOOLS NA	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4269 GR			22. APPROX. DATE WORK WILL START* 4-1-87	

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
	13 3/8"		395'	450 sacks. Cmt circ.
	8 5/8"		4091'	1675 sacks.
	5 1/2"		9878'	425 sacks. TOC by CBL @ 8012'

This well is currently temporarily abandoned with a CIBP @ 9642' (top perf was at 9720'). Hole was circulated with treated water and the BP and casing were tested to 500 psi on 4-24-86.

We propose to recomplete to the Abo as follows:

1. Perf Abo intervals from 8891' - 98' and 8908' - 14' with 2 SPF (26 holes).
2. Acidize perfs with approximately 3000 gal 20 % HCl.
3. Swab to evaluate. Return to production.

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 Bobby L. Smith TITLE Petroleum Engineer DATE 3-16-87  
(This space for Federal or State office use)

PERMIT NO. Orig. Sec. 1 APPROVAL DATE \_\_\_\_\_  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE 3-20-87  
CONDITIONS OF APPROVAL, IF ANY:

**RECEIVED**

**MAR 23 1987**

**OCD  
HOBS OFFICE**

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

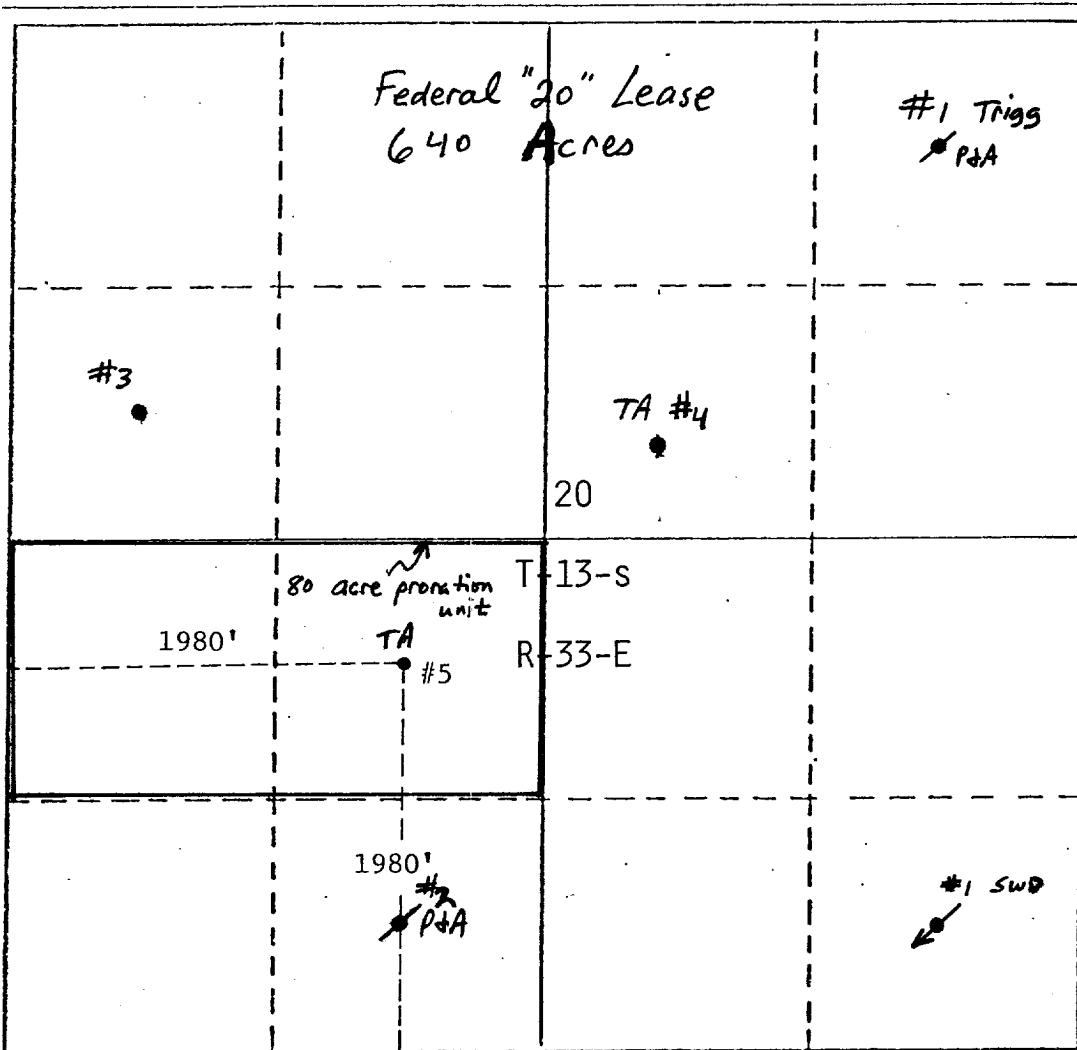
Operator <b>COASTAL OIL &amp; GAS CORP.</b>			Lease <b>BAUM FEDERAL</b>			Well No. <b>20#5</b>		
Unit Letter <b>K</b>	Section <b>20</b>	Township <b>13 SOUTH</b>		Range <b>33 EAST</b>	County <b>LEA</b>			
Actual Footage Location of Well: <b>1980'</b> feet from the <b>SOUTH</b> line and <b>1980'</b> feet from the <b>WEST</b> line								
Ground Level Elev. <b>4269'</b>	Producing Formation <b>Abo</b>		Pool <b>Undesignated</b>			Dedicated Acreage: <b>80</b> 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.

*Bobby L. Smith*

Name

Bobby L. Smith

Position

Petroleum Engineer

Company

Coastal Oil & Gas Corp.

Date

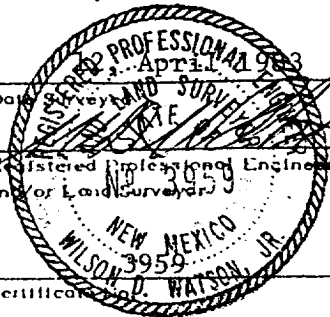
March 17, 1987

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

Date

Registered Professional Engineer and/or Land Surveyor

Certification



RECEIVED  
JUN 28 1967  
OFFICE  
HONORARY OFFICE