

UNMOCC COPY
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse)

Form approved.
Budget Bureau No. 42-R1425.

Copy to 47

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
 GULF OIL CORPORATION ✓

3. ADDRESS OF OPERATOR
 Box 670, Hobbs, NM 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface
 1980' FSL & 1980' FEL
 At proposed prod. zone

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

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 MAR 16 1979

16. NO. OF ACRES IN LEASE
 -

17. NO. OF ACRES ASSIGNED TO THIS WELL
 -

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

19. PROPOSED DEPTH
 -

20. ROTARY OR CABLE TOOLS
 -

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 3754' GL
 ARTESIA, OFFICE

22. APPROX. DATE WORK WILL START*
 3-14-79

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13-3/8"	48#	375'	400 sx - 4 1/2 yds ready mix to su
12 1/2"	9-5/8"	40#	2610'	1850 sx - circ
8-3/4"	5 1/2"	17#	11,350'	875 sx - TSITOC @ 8610'

It is proposed to P&A Upper Penn perms 9568-9578' & recomplete in Undes. Strawn as follows:
 RU PU release pkr & POH. Set cmt ret @ approx 9500'. Squeeze perms 9568-78' w/100 sx class " cmt @ 3000 PSI squeeze pressure. Reverse out excess cmt. WOC 24 hrs. Drill out cmt retainer & cmt & clean out to approx. 10,000 ft. Test squeezed perms w/3000# for 30 min. Spot 10% acetic acid from 9913-9700' for 7 days @ 160° F. Perf 9796-9802', 9834-40, & 9907-13' w/Burrle decentralized, o-phase JHPF (36 holes). Run tbg & pkr to approx 9725'. Reverse out 4 bbls fl from annulas to displace any acid from annulas. Set pkr @ 9725'. Pump 2 to 3 bbls down tbg to put spot acid away. Swab test well. Acidize perf 9796-9913' w/6200 gal 15% HCL acid/Morrc type surfactant. Flush to perf w/2% KCL wtr & surfactant + 750 SCF N₂/bbl 2% KCL wtr. Swab and clean up. Place well on 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 L.C. Anderson TITLE Area Production Manager DATE March 9, 1979

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE MAR 15 1979

APPROVED BY Joe H. Lara TITLE ACTING DISTRICT ENGINEER DATE MAR 15 1979
 CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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

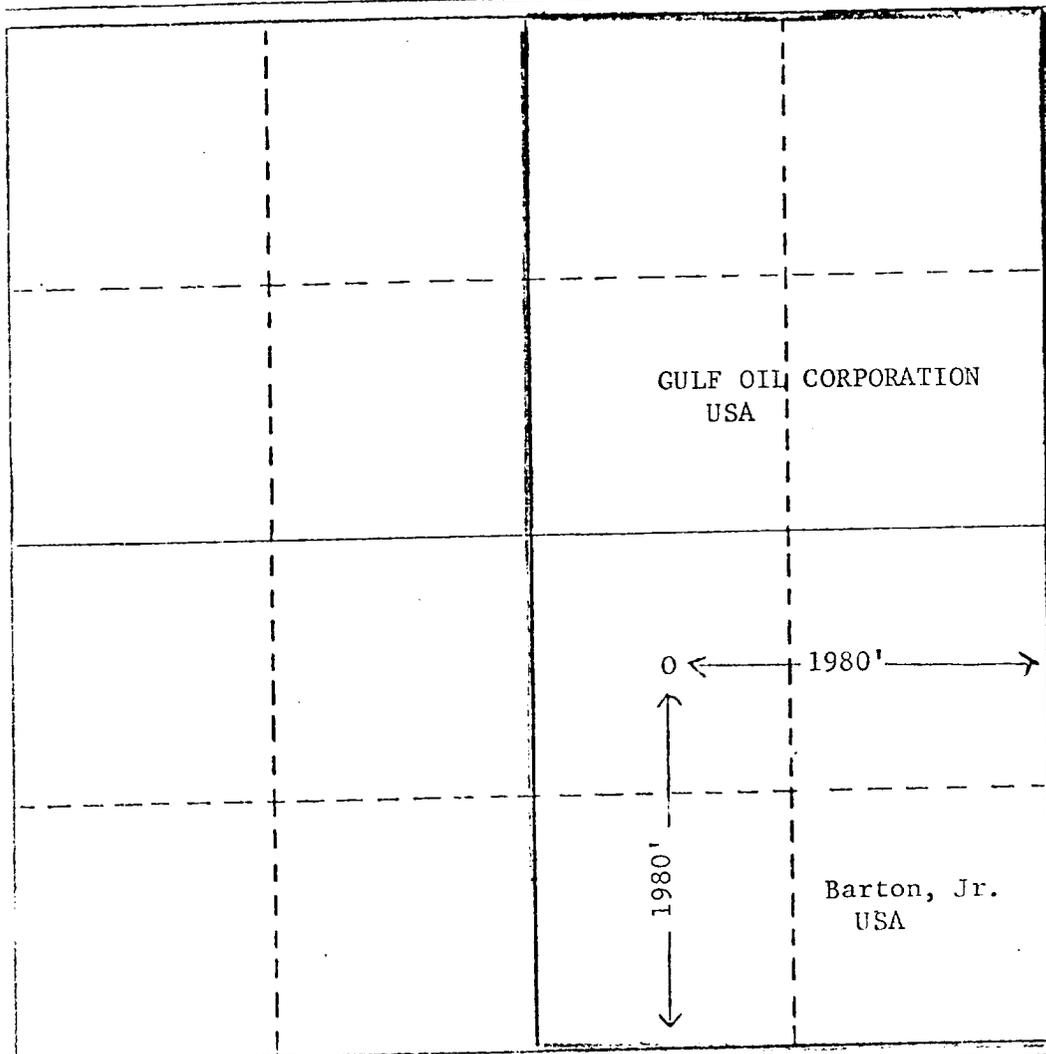
Gulf Oil Corporation		Lease Shearn "D" Federal Com.		Well No. 1
Letter J	Section 15	Township 23South	Range 25 East	County Eddy
Actual Footage Location of Well:				
1980 feet from the south		line and	1980 feet from the east line	
Ground Level Elev. 3754'	Producing Formation Strawn	Pool Undesignated Strawn	Dedicated Acreage: 320 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks **RETAINED**
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 Communitization

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 Commission.



CERTIFICATION

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

R. C. Anderson

Name
R. C. Anderson
Position
Area Production Manager
Company
Gulf Oil Corporation
Date
March 9, 1979

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 Surveyed
Registered Professional Engineer and/or Land Surveyor

Certificate No.

