

30-025-27752

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

Cliffs Drilling Company

3. ADDRESS OF OPERATOR

Two Allen Center, Suite 3150, 1200 Smith St., Houston, TX 77002

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

1980' FN & EL of Sec. 28, T-26-S, R-35-E
At proposed prod. zone

same

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

Eleven miles southwest of Jal, New Mexico

15. DISTANCE FROM PROPOSED*

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

1980'

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*

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

None

19. PROPOSED DEPTH

23,000'

20. ROTARY OR CABLE TOOLS

Rotary

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

3140' GR

22. APPROX. DATE WORK WILL START*

Feb. 15, 1982

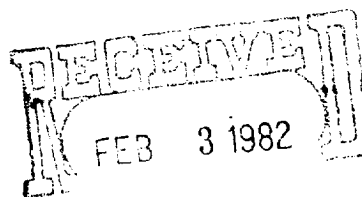
23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	94 & 133	1500'	2500 CIRCULATE
17-1/2"	13-3/8"	61 & 68	5000'	3000
12-1/4"	9-5/8"	47	13500'	3700
8-1/2"	7-3/4"	46	16000'	600
6-1/2"	5"	23	22000'	800

Potential objectives are Atoka, Morrow, Devonian, Fusselman, and Ellenburger.
See the attached for the Blow-out Preventer Program.

GAS NOT DEDICATED



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

Bcl Womish

TITLE Production Manager

DATE Jan. 4, 1982

(This space for Federal or State office use)

PERMIT NO.

APPROVED

APPROVED BY
CONDITIONS OF

APPROVAL IF ANY:

FEB 12 1982

JAMES A. GILLHAM
DISTRICT SUPERVISOR

TITLE

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

DATE

See Instructions On Reverse Side

This Approval does not constitute
authority to communitize.

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

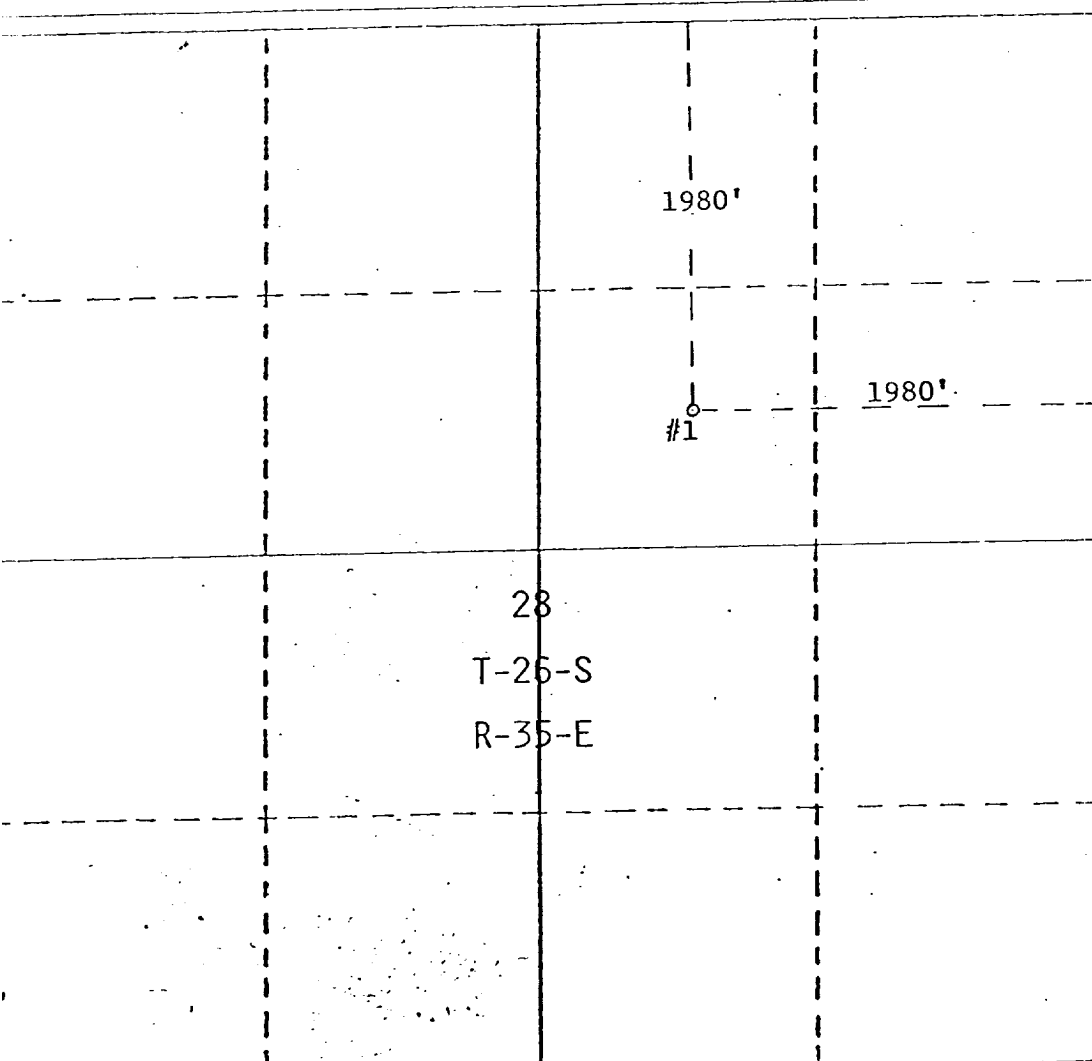
Operator Cliffs Drilling Company		Lease STARMAN UNIT		Well No. #1 Starman	
Unit Letter G	Section 28	Township 26-S	Range 35-E	County LEA	
Section Postage Location of Well:					
1980 feet from the NORTH		line and 1980 feet from the EAST		line	
Ground Level Elev. 3140	Producing Formation Ellenburger		Pool Wildcat		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 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 Division.



CERTIFICATION

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

Bob Wonish

Name
Bob Wonish

Position
Production Manager

Company
Cliffs Drilling Company

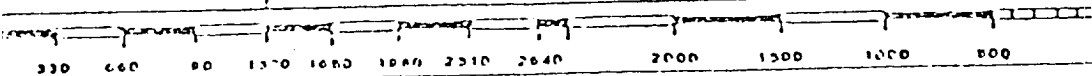
Date
Jan. 4, 1982

I hereby certify that the well location shown on this plot 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
September 10, 1981

Registered Professional Engineer and/or Land Surveyor

Certificate No. **3959**



CLIFFS DRILLING COMPANY
Two Allen Center, Suite 3150
1200 Smith Street
Houston, Texas

PROPOSED
BLOWOUT PREVENTER PROGRAM
FOR

STARMAN UNIT #1

1. For drilling surface hole, a double BOP with one set of blind rams will be used.
2. After 20" casing is set, a 20" double BOP will be used until 13-3/8" casing is set.
3. After 13-3/8" casing is set, a 13-3/8" x 5000# bradenhead will be installed and the BOP system will be: a single BOP and a double BOP (1 blind rams & 2 pipe rams) plus a 13-3/8" Hydril and a rotating head.
4. When 9-5/8" casing is set, it will be hung in the 13-3/8" x 5000# bradenhead with an 11" x 10,000# tubing spool. For drilling below the 9-5/8" casing, an 11" x 10,000# BOP system will be used (2 sets of pipe rams & one set of blind rams) plus a Hydril and a rotating head.

Note: When the 13-3/8" casing has been set, a 4-1/16" x 10,000# working pressure hydraulically controlled choke manifold and a mud separator will be set up and connected to each set of blow-out preventers as the drilling of the well progresses.

RECEIVED

FEB 1 1964

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