

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-005-20774

5. LEASE DESIGNATION AND SERIAL NO.

USA NM 15677

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Hahn-Federal

9. WELL NO.

7

10. FIELD AND POOL, OR WILDCAT

Tom-Tom San Andres

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec 27, T-7-S, R-31-E

12. COUNTY OR PARISH

Chaves

13. STATE

New Mexico

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

Flag-Redfern Oil Company

3. ADDRESS OF OPERATOR

P.O. Box 2280, Midland TX 79702

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

At surface

990' FWL & 330 FSL

At proposed prod. zone

Same

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

17 miles East of Elkins, 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

1440

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

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

1361'

19. PROPOSED DEPTH

4100'

20. ROTARY OR CABLE TOOLS

Rotary

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

4339 GL

22. APPROX. DATE WORK WILL START*

January 1, 1981

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	24# J-55	1600'	750 sx CIRCULATE
7-7/8"	4 1/2"	9.50# K-55	4100'	250 sx

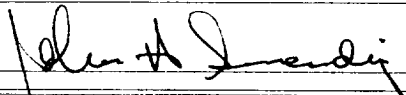
Drill 11" hole to 1600' or into the top of the Rustler Anhydrite formation. Run 8-5/8" casing and circulate cement with 750 sx. Wait on cement 18 hours and test casing to 600 PSIG. Drill 7-7/8" hole to approximately 4100'. Run open hole log. Run 4 1/2" casing to 1500 PSIG. Run correlation log and perforate the San Andres formation. Treat with acid. Swab to test. Potential test well.

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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



TITLE Drilling Supt.

DATE November 13, 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 DEC 8 1980

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

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OIL CONSERVATION DIV.

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.

Operator FLAG-REDFERN OIL COMPANY			Lease HAHN-FEDERAL		Well No. 7
Unit Letter M	Section 27	Township 7-S	Range 31-E	County CHAVES	
Actual Footage Location of Well:					
330 feet from the SOUTH line and		990 feet from the WEST line			
Ground Level Elev. 4339	Producing Formation San Andres	Pool	Dedicated Acreage		

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 Commission.

CERTIFICATION

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

Name

Position

Company

Date

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

Nov. 5, 1980

Registered Professional Engineer and/or Land Surveyor

Certification No.

754

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

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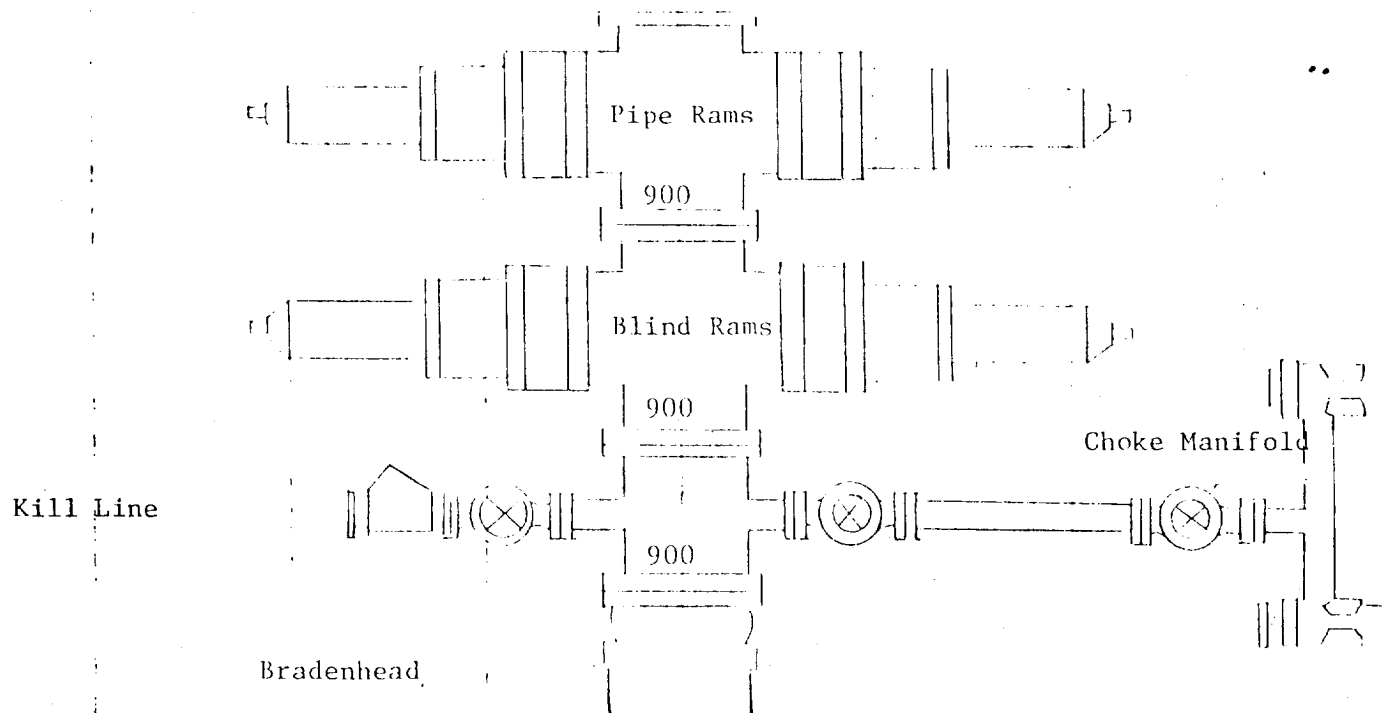
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BLOWOUT PREVENTER ASSEMBLY

Shaffer 10" Series 900
Hydraulically Operated BOP



1. All preventers to be hydraulically operated with secondary manual controls installed prior to drilling out from under casing.
2. The preventers will be Type "E" 10" 900 Series Double Shaffer.
3. The preventers will be capable of closing off all open areas.
4. The preventers will be tested to 2000 psig after they are installed on the surface casing prior to drilling out, and each time they are removed or rearranged on the well head.
5. Operating controls will be located a safe distance from the rig floor.

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