

JCC COPY
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
RECEIVED
MAY 5 1978
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICOSUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.

30-015-22570

5. LEASE DESIGNATION AND SERIAL NO.

USA NM-12828

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

McClellan-Federal Com.

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

McKittrick Hills

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

Sec. 11, T-22-S, R-24-E

12. COUNTY OR PARISH

13. STATE

Eddy

N. M.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Flag-Redfern Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 23, Midland, Texas 79702

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

At surface

960' FSL and 2310 FSL + 960' FEL

At proposed prod. zone

Same

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

O. C. C.

ARTESIA, OFFICE

13-1/2 miles west of Carlsbad

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

960'

16. NO. OF ACRES IN LEASE

640

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

8200

20. ROTARY OR CABLE TOOLS

Rotary

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

4016 G. L.

22. APPROX. DATE WORK WILL START*

May 15, 1978

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	16	65 H	30	2 yds of Ready Mix
12-1/4"	8-5/8	24 J	1800	850 sk - Circ
7-7/8	4-1/2	11.60 K	8200	325 sk; TOC-7000'

Drill 20" hole to 30. Set 1 jt of 16" conductor casing and cement to surface with 2 yds. of Ready-Mix. Drill 12-1/4" hole to 1800'. Run 8-5/8" casing and circulate cement using 650 sk of Halli. lt. wt. with 8 lb./sk of salt, 2% gel and 0.75% CFR-2 followed by 200 sk of Class "C" w/2% cacl. Drill 7-7/8 hole to approximately 8200'. Run open hole logs. Run 4-1/2" casing and cement with 325 sk of 50-50 Pozmix "A" Class "H" with 2% gel, 0.75% CFR-2 and 0.25% HR-4. Run correlation logs and perforate the Cisco formation. Treat with acid. Flow test to potential well. Blowout Preventers: 10" hydril and Shaffer double series 900 with Koomey hydraulic accumulator.

Gas is dedicated!

Mud Program:

0-1800 Native Mud
1800-7500 Fresh water & gel
7500-8200 Fresh water-mudded up

Estimated Formation Tops:

Seven Rivers - 100' Cisco Reef - 7800'
Queen - 775'
Delaware Sand - 1600'
Bone Springs Lime - 3500'
3rd Bone Spring Sand - 7500'

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

Steve Ross

TITLE

Petroleum Engineer

DATE

5-5-78

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

JUN 1 - 1978

APPROVED BY

Lee D. Lara

TITLE

ACTING DISTRICT ENGINEER

DATE

JUN 1 - 1978

CONDITIONS OF APPROVAL, IF ANY:

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.

EXPIRES SEP 1 - 1978

*See Instructions On Reverse Side