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U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease	
STATE ☐	FEED ☒
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

b. Type of Well DRILL ☐ DEEPEN ☐ PLUG BACK ☐
OIL WELL ☐ GAS WELL ☐ OTHER Rec & DHC SINGLE ZONE ☐ MULTIPLE ZONE ☒

2. Name of Operator

3. Address of Operator

4. Location of Well

UNIT LETTER V LOCATED 660 FEET FROM THE South LINE
AND 1650 FEET FROM THE West LINE OF SEC. 4 TWP. 21-S RGE. 37-E MAP 104

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

12. County

11. Elevations (show whether DF, HI, etc.)

3488 DF

21A. Kind & Status Plug Bond

Blanket-on-file

19. Proposed Depth

6730'

19A. Formation

Blin-Drkt-Tubb

20. Rotary or C.T.

Rotary

21B. Drilling Contractor

N/A

22. Approx. Date Work will start

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
20"	16"	70*	212'	300	Circ Surf
13 3/4"	10 3/4"	40.5*	1304'	300	2225' (Temp Sur)
8 3/4"	5 1/2"	14*, 15.5*	6725'	900	3390' (Temp Sur)

Propose to recomplete to Blinbury and DHC Blinbury, Tubb, and Drinkard in accordance with NMCD order R-7537 as follows: POH with rods, pump, and the RIH and set RBP at $\pm 6100'$. Test RBP and load hole with clean filtered 2% KCl fresh. RIH and perf 5672-80', 5694-5706', 5714-26', 5736-41', 5748-60', 5804-18', 5834-38', 5844-52', 5862-64', 5886-5900', 5910-5916', 5920-22', and 5928-32' w/ 4 JSPF using a 3/8" gun. RIH with retrieving head, treating flr, and workstring. Set flr. at $\pm 5875'$ (Perfs at 5864 and 5875 NMCD, H 1-J.R. Barnett, Hon Rm 21.156 1-B.J. Nash, Hon Rm 4.206 1-GCC

ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Jerry C. Clark

Title Asst. Admin. Analyst

Date 10-10-84

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON

DISTRICT 1 SUPERVISOR

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

OCT 12 1984

5886') Run before treatment GR/Temp survey from $\pm 6100'$ to $\pm 5700'$. Swab down ~~the~~ to backurge ~~perfs~~. Acidize down ~~the~~ with 1300 gals of 15% HCl w/add. Pump acid in 2 stages and tag with R/A material. Flush to formation with 40 bbls of clean filtered 2% KCl fresh. Run after job GR/Temp survey. Reset RBP at $\pm 5875'$, reset ~~pr~~ at $\pm 5780'$. Run before GR/Temp survey from $\pm 5875'$ to $5600'$. Swab down ~~the~~ and acidize with 1400 gals of 15% HCl plus additives. Tag all acid with R/A material. Flush with 40 bbls clean 2% KCl fresh and run after job GR/Temp survey. Reset RBP at $\pm 5780'$ and ~~pr~~ at $\pm 5625'$. Run before treatment GR/Temp survey from $\pm 5780'$ to $\pm 5500'$. Swab down ~~the~~ and acidize with 2450 gals of 15% HCl w/add. Tag acid with R/A material and flush to formation with 40 bbls clean 2% KCl. Run after job GR/Temp survey. Reset RBP at $\pm 6100'$ and ~~pr~~ at $\pm 5550'$. Swab back spent acid and evaluate Blinby production. If further stimulation is needed frac as follows: Frac down workstring with 46,000 gals of 40# HPG X-linked gelled 2% KCl water and 64,000 lbs of 20/40 Ottawa sand. Flush with 32 bbls of non X-linked 40# HGP gelled 2% KCl water. Shut in well until SITP = 0 or min. of 3 hrs. Swab back load and evaluate production. POH with RBP and ~~pr~~. RTH with original production string and land seating nipple at 6603'. Run rods and pump and pump test for 1 wk to recover all load. Perform scale squeeze, shut well in for 24 hrs, and return well to production.

OCT 11 1984

O.C.C.
HOBBS OFFICE