Submit to Appropriate
District Office
State Lease – 6 copies
Fee Lease – 5 copies

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

# OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

RECEIVED
NOV 4 1991
O. C. D.
ARTESIA, OFFICE

Form C-101
Revised 1-1-89

API NO. (assigned by OCD on New Wells) 30-015-21670

5. Indicate Type of Lease STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:
DRILL ☐ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☒

b. Type of Well:
OIL WELL ☐ GAS WELL ☒ OTHER SINGLE ZONE ☒ MULTIPLE ZONE ☐

7. Lease Name or Unit Agreement Name: Jarvis Mead Com.

2. Name of Operator: Bird Creek Resources, Inc.

8. Well No. 1

3. Address of Operator: 810 South Cincinnati, Suite 110 Tulsa, OK 74119

9. Pool name or Wildcat: ~~Carlsbad~~ Wildcat Atoka

4. Well Location
Unit Letter N : 660 Feet From The South Line and 1980 Feet From The West Line

Section 5 Township 22-S Range 27-E NMPM Eddy County

| 10. Proposed Depth | 11. Formation | 12. Rotary or C.T. |
|---|---|---|
| -- | L | -- |

| 13. Elevations (Show whether DF, RT, GR, etc.) | 14. Kind & Status Plug. Bond | 15. Drilling Contractor | 16. Approx. Date Work will start |
|---|---|---|---|
| 3141' GL | Blanket | -- | 10-25-91 |

17. PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|---|---|---|---|---|---|
| 17 1/2" | 13 3/8" | 54.5, J-55 | 0-422' | 425 sxs. | cmt. circ. |
| 12 1/4" | 9 5/8" | 36, K-55 | 0-3030' | 1100 sxs. | cmt. circ. |
| 8 1/2" | 7" | 23-32, N-80 | 0-11,784' | 600 sxs. | TOC @ 7605' |
| 6" | 5 1/2" | 23,C-75 | 11,629-12,478 | 125 sxs. | NA |

Current perfs @ 11,036-11,053' have loaded up w/ formation water and will not flow without continuous swabbing. We propose the following work:

1. MIRU. NUBOP, NDWH. Release pkr. @ 10,791, TOH.
2. By wireline, set 7" CIBP @ 10,950'. Cap w/ 35' cmt. PBTD 10,915'.
3. TIH w/ pkr. Load hole w/ 2% KCL water, flush down tbg. w/ 110 MCF nitrogen to pkr. Set pkr. @ 10,300'. NDBOP, NUWH.
4. With tbg. gun, shoot 2 spf @ 10,423-25' and 10,430-38'. TOH w/ gun.
5. Acidize perfs if necessary. Place well on test.

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. 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.

SIGNATURE Brad D. Burks TITLE Agent DATE 11-1-91

TYPE OR PRINT NAME Brad D. Burks 918-582-3855 TELEPHONE NO.

(This space for State Use)
ORIGINAL SIGNED BY
MIKE WILLIAMS
SUPERVISOR, DISTRICT II

APPROVED BY _____ TITLE _____ DATE NOV 8 1991

CONDITIONS OF APPROVAL, IF ANY: