



00254503

448/89

STATE OF COLORADO
OIL AND GAS CONSERVATION COMMISSION
DEPARTMENT OF NATURAL RESOURCES

Submit 1 copy

SEP 19 1996



| | | | |
|----------------|----|----|----|
| FOR OFFICE USE | | | |
| 11 | 12 | 13 | 14 |
| | | | |

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

OPERATOR
APACHE CORPORATION

PHONE
(713) 296-6000

ADDRESS
2000 POST OAK BLVD. SUITE 100 HOUSTON, TX 77056-4400

DRILLING CONTRACTOR

PHONE

5. TYPE OF WELL ☒ COALBED
☐ OIL ☒ GAS ☐ METHANE ☒ DRY
☐ INJECTION ☐ OTHER

6. TYPE OF COMPLETION ☐ COMMINGLED
☒ NEW WELL ☐ MULTIPLE COMPLETION
☐ RECOMPLETION DATE 6-7-96

7. FEDERAL/INDIAN OR STATE LEASE NO.

8. IF INDIAN, ALLOTTEE OR TRIBE NAME

3. LOCATION OF WELL (Footages from section lines)

At surface 600' FEL & 2000' FSL
At top prod. interval reported below SAME AS ABOVE
At total depth SAME AS ABOVE

4. ELEVATIONS

KB 6612'

GR 6605'

9. WELL NAME AND NUMBER

SPETTERS #43-7

10. FIELD OR WILDCAT

CRAIG NORTH

11. QTR. QTR. SEC. T. R. AND MERIDIAN

NE SE SEC. 7-T8N-R90W

WAS DIRECTIONAL SURVEY RUN? ☒ NO ☐ YES ☐ IF YES, ATTACH COPY

| | | | | | | |
|----------------------------|-----------------------------|-------------------------|--------------------------------|---|----------------------|------------------|
| 12. PERMIT NO. C096-385 | 13. API NO. 05-081-06899 | 14. SPUD DATE 6-7-96 | 15. DATE TO REACHED 6-11-96 | 16. DATE COMPL. <input type="checkbox"/> D&A <input type="checkbox"/> READY TO PROD | 17. COUNTY MOFFAT | 18. STATE CO. |
|----------------------------|-----------------------------|-------------------------|--------------------------------|---|----------------------|------------------|

19. TOTAL DEPTH

MD 6300' TVD

20. PLUG BACK TOTAL DEPTH

MD 4490' TVD

21. DEPTH BRIDGE PLUG SET

MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

GR/CCL/CBL

LOGON sonic Ind Mag

23. WAS WELL CORED? ☒ NO ☐ YES (Submit Analysis)WAS DST RUN? ☒ NO ☐ YES (Submit Report)

24. CASING & LINER RECORD (Report all strings set in well)

| SIZE | WEIGHT (LB/FT) | HOLE SIZE | TOP (MD) | BOTTOM (MD) | STAGE CEMENTER DEPTH | NO. OF SLS & TYPE OF CEMENT | SLURRY VOL (BBL) | TOP OF CEMENT (Specify csk or CBL) |
|--------|----------------|-----------|----------|-------------|----------------------|-----------------------------|------------------|------------------------------------|
| 8-5/8" | 24# | 12-1/4" | SFC | 525' | | 260 sxs | | SURFACE |
| 5-1/2" | 17# | 7-7/8" | SFC | 4900' | | 720 sxs | | SURFACE |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

25. TUBING RECORD - Please Specify # of Strings

| SIZE | DEPTH SET (MD) | PACKER DEPTH (MD) | SIZE | DEPTH SET (MD) | PACKER DEPTH (MD) | SIZE | DEPTH SET (MD) | PACKER DEPTH (MD) |
|--------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2-7/8" | 2000' | | | | | | | |

26. PRODUCING INTERVALS

27. ATTACH WELLBORE DIAGRAM FOR MULTI-ZONE/COMMINGLED PRODUCTION (RULE 332)

| FORMATION | TOP | BOTTOM | GROSS PERFORATED INTERVAL | SIZE | NO. HOLES | PERF. STATUS (open, squeezed) |
|-----------|-------|--------|---------------------------|--------|-----------|-------------------------------|
| A) LANCE | 2222' | 3031' | 2578' - 2602' | 3-1/8" | | OPEN |
| B) LEWIS | 3288' | 3645' | 3634' - 3640' | 3-1/8" | | SQUEEZED |
| C) | | | | | | |
| D) | | | | | | |

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL | AMOUNT AND TYPE OF MATERIAL |
|----------------|---|
| 2578' - 2602' | ACIDIZED W/3200 GALS 15% HCL |
| 3584' | SET CEMENT RETAINER |
| 3634' - 3640' | FRAC W/40,000# 20/40 SAND, 65 QUAL. N2 FOAM |

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PRODUCTION - INTERVAL A

| DATE FIRST PRODUCED | TEST DATE | HOURS TESTED | TEST PRODUCTION | OIL BBL | GAS MCF | WATER BBL | OIL GRAVITY CORR. API | GAS DISPOSITION | PRODUCTION METHOD |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-----------------|-------------------|
| 7/26/96 | 7/26 | 24 | → | 0 | 3391 | 14 | | | FLOWING |
| CHOKE SIZE | FLOW. TBG. PRESS. | CSG. PRESS. | 24 HR. RATE | OIL BBL | GAS MCF | WATER BBL | GAS: OIL RATIO | ZONE STATUS | |
| | 295 | | → | 0 | 3391 | 14 | | ABANDON | |

PRODUCTION - INTERVAL B

| DATE FIRST PRODUCED | TEST DATE | HOURS TESTED | TEST PRODUCTION | OIL BBL | GAS MCF | WATER BBL | OIL GRAVITY CORR. API | GAS DISPOSITION | PRODUCTION METHOD |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-----------------|-------------------|
| | | | → | | | | | | |
| CHOKE SIZE | FLOW. TBG. PRESS. | CSG. PRESS. | 24 HR. RATE | OIL BBL | GAS MCF | WATER BBL | GAS: OIL RATIO | ZONE STATUS | |
| | | | → | | | | | | |

PRODUCTION - INTERVAL C

| DATE FIRST PRODUCED | TEST DATE | HOURS TESTED | WELL PRODUCTION → | OIL BBL | GAS MCF | WATER BBL | OIL GRAVITY CORR. API | GAS DISPOSITION | PRODUCTION METHOD |
|---------------------|----------------|--------------|-------------------|---------|---------|-----------|-----------------------|-----------------|-------------------|
| CHORE SIZE | FLOW TEG PRESS | CSG PRESS | WELL RATE → | OIL BBL | GAS MCF | WATER BBL | GAS OIL RATIO | ZONE STATUS | |

PRODUCTION - INTERVAL D

| DATE FIRST PRODUCED | TEST DATE | HOURS TESTED | WELL PRODUCTION → | OIL BBL | GAS MCF | WATER BBL | OIL GRAVITY CORR. API | GAS DISPOSITION | PRODUCTION METHOD |
|---------------------|----------------|--------------|-------------------|---------|---------|-----------|-----------------------|-----------------|-------------------|
| CHORE SIZE | FLOW TEG PRESS | CSG PRESS | WELL RATE → | OIL BBL | GAS MCF | WATER BBL | GAS OIL RATIO | ZONE STATUS | |

20. PLEASE ATTACH AN 8 1/2" X 11" BASIC SKETCH SHOWING ALL SURFACE EQUIPMENT ASSOCIATED WITH PRODUCTION. FLUID SEPARATION, FLUID STORAGE, AND GAS MEASUREMENT FOR THE WELL. SHOW APPROXIMATE DISTANCES OF EQUIPMENT FROM WELLDOME. INCLUDE WATER DISPOSAL PITS IF APPLICABLE. OUTLINE UNDERGROUND FLOWLINES AND LIST ANY OTHER WELLS SHARING THE SURFACE EQUIPMENT.

31. SUMMARY OF POROUS ZONES (INCLUDE AQUIFERS):

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF. CORED INTERVALS AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES AND RECOVERIES.

32. FORMATION (LOG) MARKERS

| FORMATION | TOP | BOTTOM | DESCRIPTIONS, CONTENTS, ETC. | NAME | TOP |
|-----------|-----|--------|------------------------------|----------------|-------------|
| | | | | | MEAS. DEPTH |
| | | | | WASATCH | SURFACE |
| | | | | FORT UNION | 990' |
| | | | | LANCE | 2210' |
| | | | | FOX HILLS SD | 3100' |
| | | | | LEWIS SAND | 3280' |
| | | | | LEWIS A3 UPPER | 3690' |
| | | | | LEWIS A3 LOWER | 3740' |

33. ADDITIONAL REMARKS (INCLUDE PLUGGING PROCEDURE & ATTACH CEMENT VERIFICATION):

34. CIRCLE ENCLOSED ATTACHMENTS:

- | | | |
|--------------------------------------|---------------------------------|---|
| 1 MECHANICAL LOGS (1 full set req'd) | 3. WELLDOME SKETCH (See #27) | 6. SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION |
| 2 GEOLOGIC REPORT | 4. DST REPORT | 7. CORE ANALYSIS |
| | 5. DIRECTIONAL SURVEY | 8. OTHER: |

35. I hereby certify that the foregoing and attached information is complete and correct as furnished from all available sources.

SIGNED

James M. Byers

9-13-96