



00820494

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5

5

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____2. NAME OF OPERATOR
KIRBY ROYALTIES, INC.3. ADDRESS OF OPERATOR
518 Patterson Building, Denver, Colorado4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface **SW SW NW Section 24 (430/W 2630/W)**

At top prod. interval reported below

At total depth

14. PERMIT NO. **64 337** DATE ISSUED **7/16/64**5. LEASE DESIGNATION AND SERIAL NO.
Colorado 0107897

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
East Gibraltar Peak Gov't9. WELL NO. **1**10. FIELD AND POOL, OR WILDCAT
wildcat11. SEC. T, R., M., OR BLOCK AND SURVEY OR AREA
Sec 24 - T11N - R88W12. COUNTY OR PARISH **Boutt** 13. STATE **Colorado**15. DATE SPUNDED **6/15/64** 16. DATE T.D. REACHED 17. DATE COMPL. **9/3/64, P&A** 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* **8012' Gr** 19. ELEV. CASINGHEAD20. TOTAL DEPTH, MD & TVD **5900'** 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY **0 - 5900'** ROTARY TOOLS CABLE TOOLS24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE **no**26. TYPE ELECTRIC AND OTHER LOGS RUN
Induction Electric, Gamma-Sonic-Caliper, Dipmeter 27. WAS WELL CORED **yes**

| 28. CASING RECORD (Report all strings set in well) | | | | | |
|--|-----------------|----------------|------------|----------------------------------|---------------|
| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 10 1/2 | | 257' | 17' | 230 sacks cement, 2% CaCl | none |

| 29. LINER RECORD | | | | | 30. TUBING RECORD | | |
|------------------|----------|-------------|---------------|-------------|-------------------|----------------|-----------------|
| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
| | | | | | | | |

| 31. PERFORATION RECORD (Interval, size and number) | | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. | |
|--|----------------------------------|--|----------------------------------|
| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED | DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
| | | | |

| 33.* PRODUCTION | | | | | | | |
|-----------------------|--|-------------------------|-------------------------|----------|------------------------------------|-------------------------|---------------|
| DATE FIRST PRODUCTION | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | | | | WELL STATUS (Producing or shut-in) | | |
| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF. | WATER—BBL. | GAS-OIL RATIO |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BBL. | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) | |
| | | | | | | | |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

35. LIST OF ATTACHMENTS
(Copies of logs will be furnished when received.)36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED **John M. Parker** TITLE **District Manager** DATE **7/14/64**

*(See Instructions and Spaces for Additional Data on Reverse Side)

DVR
WRS
JAM
FILE

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

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

38. GEOLOGIC MARKERS

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | TOP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------|--------|---|------|-------------|------------------|-----------|-----|-----|--|--|--|--|-----------|------|------|--|--|--|--|-----------|------|--|--|--|--|--|-----------|------|------|--|--|--|--|-----------|------|------|--|--|--|--|-------|------|--|--|--|--|--|---------|------|--|--|--|--|--|
| | | | | | MEAS. DEPTH | TRUE VERT. DEPTH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>ELECTRIC LOG TOPS:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">1st still</td> <td style="width: 15%;">810</td> <td style="width: 15%;">930</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2nd still</td> <td>1450</td> <td>1583</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Masaverde</td> <td>1583</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3rd still</td> <td>2060</td> <td>2245</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4th still</td> <td>2620</td> <td>2657</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Nanco</td> <td>4440</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Marapas</td> <td>5106</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> | | | | | | | 1st still | 810 | 930 | | | | | 2nd still | 1450 | 1583 | | | | | Masaverde | 1583 | | | | | | 3rd still | 2060 | 2245 | | | | | 4th still | 2620 | 2657 | | | | | Nanco | 4440 | | | | | | Marapas | 5106 | | | | | |
| 1st still | 810 | 930 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2nd still | 1450 | 1583 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Masaverde | 1583 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3rd still | 2060 | 2245 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4th still | 2620 | 2657 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nanco | 4440 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Marapas | 5106 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | <p>Core #1 1594-1644' Cor 50', rec 46', lost 24'. Rec interbedded ss, sh & slstn. NS.</p> <p>DST #1 3045-3085' IF 2 min, IFF 85#; ISI 60 min, ISIP 976#; FF 75 min, FFP 170#; FSI 60 min, FSIP 955#. Tool opened w/weak blow on final flow period, died in 30 min. Reset pr. Tool again opened w/weak blow, died in 15 min. Attempted to reverse out circulation sub one stand above tool. Sub did not operate. Pulled pr loose. Rec 200' fluid, as follows: 200' drig mud, 80' sl GC muddy wtr.</p> <p>DST #2 3781-3806' IF 5 min, ISI 60 min, FF 60 min, FSI 60 min. IHP 185#/RIP 1833; IFF 84, FFP 84; ISIP 1290, FSIP 1144. Opened w/weak blow & died at end of test. Rec 100' drig mud. Did not reverse circulate out test recovery because of bridges hit while going in hole.</p> <p>Core #2 4811-4861' Rec 50' as follows: 4811-30 ss, vf gr, gry, hd, carb, silty, tite, NS; 4830-61 slstn, dk gry, firm, carb, ptly sdy, indicated dips of 3 to 5°.</p> <p>DST #3 5092-5112' IF 6 min (weak blow), ISI 60 min, FF 60 min. Opened w/weak blow, incr to strong blow in 30 min, blow continued strong to end of flow period. No gas or fluid to surf. FSI 60 min. Rec 270' fluid, broken down as follows: 30' drig mud, 240' sl GC w/ary mud (weight 8.5). IFF 129, FFP 150; ISIP 1794, FSIP 1609; IHP 2493, FIP 2493.</p> <p>DST #4 5810-5900' IF 6 min (weak blow), ISI 60 min, FF 60 min, opened w/weak blow, dies in 40 min. No gas or fluid to surf. FSI 60 min. Rec 60' drig mud. IHP 2876#, RIP 2814#, ISIP 3300, FSIP 1609, IFF 84#, FFP 84#. Max temp 152°, top pressure bomb.</p> <p>(Bottom pressure bomb plugging at bottom of tool; top pressure bomb indicated satisfactory test.)</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |