



00300266

GEOLOGIC REPORT

| | |
|--------------------|--|
| Company | TIGER OIL CO. |
| Well | #1 MC REA |
| Field | W.C. |
| Location | SW SW Sec. 28, T-12-N, R-52-W Logan County, Colo. |
| Elevation | 4543 GR. 4552 K.B. |
| Surface Casing | 370' of 8 5/8" set at 368' |
| Sample Program | 30' samples 4200 - 5050 10' samples 5050 - T.D. |
| Shows of Oil | None |
| Drill Stem Tests | None |
| Electrical Surveys | Schlumberger IES and Micro |
| Date Commenced | 7/12/69 ✓ |
| Date Completed | 7/18/69 |
| Status | Dry and abandoned. |

FORMATION TOPS

| | <u>Sample</u> | <u>Log</u> |
|------------------|---------------|------------|
| NIOBRARA | 4310 | 4344 |
| FT. HAYS | 4637 | 4652 |
| CARLILE | 4697 | 4708 |
| GREENHORN | 4920 | 4918 |
| BENTONITE MARKER | 5051 | 5057 |
| D SAND | 5148 | 5148 |
| J SAND | 5269 | 5280 |
| T.D. | 5350 | 5351 |

SAMPLE DESCRIPTION

Sample description starts at 5150'.

| | |
|-------------------|--|
| 5150 Circ. 30' | Sandstone, med. grain, white, well sorted, fair P&P, dark yellow fluorescence, salty taste, no apparent stain. |
| 5160 | Black shale; trace of sand as above, N.S. |
| 5160 Circ. 15' | Black shale; trace sandstone, med. grain, white, silty, low P&P, no stain, no fluorescence. |
| 30' | Sandstone, fine grain, white to light grey, silty, low P&P, N.S. |
| 45' | Same, N.S. |
| 1 hr. | Same, N.S. |
| 5170 | Black shale, free med. size sand grains; sandstone, fine grain, low P&P, grey, silty, N.S. |
| 70-80 | Grey shale; sandstone, white, fine grain, hard, low P&P, N.S. |
| 80-90 | Sandstone, med. grain, grey, clean, fair to good P&P, N.S. |
| 90-5200 | Sand as above, soft, unconsolidated, N.S.; grey shale. |
| 5200-20 | Same |
| 20-30 | Sandstone, light grey, silty, low to fair P&P, N.S.; grey shale; sandstone, fine grain, grey, hard, no P&P, N.S. |
| 30-40 | Grey, hard, silty, sandy textured shale. |
| 40-70 | Grey, hard shale. |

SAMPLE DESCRIPTION (cont'd)

| | |
|-------------------|---|
| 5270-80 | Grey, sandy, hard siltstone; trace sandstone, med. grain, grey to white, fair P&P, N.S. |
| 5282 Circ. 15' | Sandstone, dark grey, med. to coarse grain, angular, low to fair P&P, no fluorescence |
| 30' | Same |
| 45' | Same |
| 5290-5300 | Sandstone, med. grain, grey, clean, fair to good P&P, no stain or fluorescence. |
| 5300-10 | Sand as above, soft, friable, good P&P, N.S. |
| 10-20 | Same |
| 20-40 | Sandstone, grey, clay filled, silty, med. to fine grain, N.S.; black shale. |
| 40-50 | Grey, silty sand as above; black fissile shale. |
| Circ. samples | Black fissile shale; grey shale; traces of sand as above, N.S. |

DRILLING TIME RECORD

10' drilling time in minutes starts at 4300'.

| | |
|---------|-------------------------------|
| 43-4400 | 10,18,21,19,23,20,10,10,11,10 |
| -4500 | 11,12,10,10,10,10,11,9,10,9 |
| -4600 | 12,15,15,15,15,12,12,13,11,14 |
| -4700 | 15,16,12,15,13,18,19,15,20,18 |
| -4800 | 10,12,12,11,10,11,11,13,13,13 |
| -4900 | 16,19,18,16,18,20,19,21,18 |
| -5000 | 19,28,28,33,35,39,23,18,16,16 |
| -5100 | 17,27,23,20,23,14,15,12,14,12 |
| -5200 | 14,13,19,18,15,22,32,50,19,45 |
| -5300 | 73,65,74,65,57,37,73,61,75,73 |
| -5350 | 104,61,22,37,105 |

BIT RECORD

| | <u>Make</u> | <u>Type</u> | <u>Size</u> | <u>Depth</u> |
|----|-------------|-------------|-------------|--------------|
| 1. | HTC | OSC-3J | 7 7/8" | 370-3529 |
| 2. | Smith | DT | 7 7/8" | -4768 |
| 3. | HTC | OSC-3 | 7 7/8" | -5178 |
| 4. | HTC | OWV | 7 7/8" | -5292 |
| 5. | HTC | OWV | 7 7/8" | -5350 |

VERBAL REQUEST

NOTICE OF INTENTION TO DRILL _____

Bonding Status _____

NOTICE OF INTENTION TO ABANDON _____

OTHER _____

52W

| | | | |
|---|--|----|--|
| | | | |
| | | 28 | |
| X | | | |

COMPANY Tiger Oil Co. ADDRESS _____

BY Dick Kercher Title _____ PHONE NO. _____
Extension _____

WELL NO. 1 LEASE McRae

COUNTY Logan FIELD WC

Location SW SW Sec. 28 Twp. 12N Rge. 52W Meridian _____

_____ feet from _____ Section line, and _____ feet from _____ Section Line
N or S E or W

ESTIMATED DATE OF WORK 7/17/69 ESTIMATED TIME noon

DETAILS OF PLAN OF WORK: T.D. 5351 FORMATION _____

SURFACE CASING 370" 8 5/8"

D-5148 - no shows

J-5280 - no shows

15 34

10 34

APPROVED BY H.A. Moore

DATE 7/17/69

✓