

RECEIVED

JUN 9 1978

ABRIDGE-A-LOG

ROCKY MOUNTAIN WELL LOG SERVICE

WATER RESOURCES
STATE ENGINEER
COLORADO

JUN 27 '78

- 129 -

ORD. REF. #

K4988D

37415



00048385

SCHLUMBERGER INDUCTION-ELECTRICAL LOG

| | | | | |
|---|------------------------------|------------|--|------------|
| COUNTY HORGAN FIELD WILDCAT LOCATION SEC. 31-2N-56W WELL HUEY #29 COMPANY H. L. HUBB | COMPANY Okmar Oil Company | | Other Surveys ML | |
| | WELL HUEY #29 | | Location of Well | |
| | FIELD WILDCAT | | | |
| | LOCATION SEC. 31-2N-56W | | | |
| | N/2-SE-SE | | Elevation K.B. 4470 D.F. 4451 or G.L. 4451 | |
| | COUNTY HORGAN | | | |
| | STATE COLORADO | | FILING | |
| RUN No. | ONE | | | |
| Date | 1-2-62 | | | |
| First Reading | 5402 | | | |
| Last Reading | 117 | | | |
| Feet Measured | 5285 | | | |
| Cig. Schum. | 117 | | | |
| Cig. Driller | 117 | | | |
| Depth Reached | 5403 | | | |
| Bottom Driller | 5400 | | | |
| Depth Datum | K.B. | | | |
| Mud Nat. | GEL | | | |
| Dens. 1 Visc. | 9.9 @ 115 | | | |
| Mud Resist. | 2.3 @ 70" | | | |
| Res. BHT | 1.2 @ 135" | | | |
| Res. | 1.1 @ 135" | 1.7 @ 77" | | |
| Res. | 1.2 @ 135" | | | |
| pH | 9.0 | | | |
| Wtr. Loss | 4.8 CC/30 min. | CC/30 min. | CC/30 min. | CC/30 min. |
| Bit Size | 7 7/8" | | | |
| Spuds - AM | 16" | | | |
| MIN | 14 1/2" | | | |
| IND. | 5FF40 | | | |
| Op. Time | 1 HR. | | | |
| Track No. | 251A FM | | | |
| Recorded by | HARRIS | | | |
| Witness | YANCY | | | |

QUANTITATIVE ANALYSIS

Below are tabulated some average values of porosity and water saturation calculated from your logs on this well. Since all interpretations are opinions based on inferences from electrical or other measurements, we cannot, and do not, guarantee the accuracy or correctness of these values.

The pages from the Schlumberger Interpretation Chart Book which were used for these calculations are listed for your convenience.

| ZONE | EFFECTIVE POROSITY $\bar{\mu}$ in % | WATER SATURATION S_w in % | PROBABLE PRODUCTION | PAGES USED (SWSC Chart Book) |
|-------------|-------------------------------------|-----------------------------|---------------------|------------------------------|
| 5239 - 5242 | 19-21 | 50 | OIL | C-10, C-12, D-2, RW-23 |
| 5242 - 5244 | 21 | 58 | OIL & WATER | C-10, C-12, D-2, RW-23 |
| 5244 - 5245 | SILT | | | |
| 5245 - 5246 | | | | |
| 5246 - 5247 | | | | |
| 5247 - 5248 | | | | |

Existing Perforations
5237 1/2' - 5242'

4 1/2" 9.5#/ft. csq @ 5397'
CMT'D w/125 SXS TOB 4820'

L.R. 117

GOLD OIL INDUCTION LOGS, COLORADO

1900 0
2000 1000

RESISTIVITY
-ohms. m²/m

16" NORMAL

INDUCTION

0 AMPLIFIED NORMAL 10

