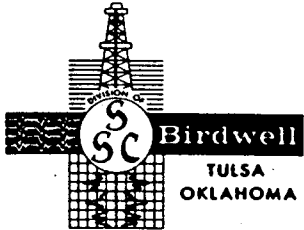


10027



BIRDWELL

Nuclear Log

John Hayes

COMPANY QUAKER STATE OIL
REFINING CORP.
 WELL R.N. & R.L. CORBITT #4
 FIELD GRANT DISTRICT
 COUNTY PLEASANTS STATE WEST VA.

LOCATION:
No Permit No. Drilled in 1914.
 SEC. _____ TWP. _____ RGE. _____

OTHER SERVICES
 TEMP. _____
 CALIPER _____

PERMANENT DATUM Ground level, ELEV. N.A.
 LOG MEASURED FROM Top of pipe ft. above perm. datum
 DRILLING MEASURED FROM N.A.

ELEVATIONS:
 KB. _____
 DF. N.A.
 GL. N.A.

| DATE | 12-20-61 | 12-20-61 | 12-20-61 |
|--------------------------|---------------|--------------|--------------|
| RUN NO. | 1 | 1 | 1 |
| TYPE LOG | Gamma ray | Neutron | Temperature |
| DEPTH - DRILLER | N.A. | N.A. | N.A. |
| DEPTH - LOGGER | 1714' | 1714' | 1714' |
| BOTTOM LOGGED INTERVAL | 1712.5' | 1712.5' | 1714' |
| TOP LOGGED INTERVAL | Surface | 1100' | 1100' |
| TYPE FLUID IN HOLE | Oil | Oil | Oil |
| SALINITY PPM CL. | | | |
| DENSITY LB./GAL. | N.A. | N.A. | N.A. |
| LEVEL | 1579' | 1579' | 1579' |
| MAX. REC. TEMP. - DEG. F | 69.5° | 69.5° | 69.5° |
| OPERATING RIG TIME | 5 hours total | | |
| RECORDED BY | Walter Hayes | Walter Hayes | Walter Hayes |
| WITNESSED BY | Hayes | Hayes | Hayes |
| LOCATION | Chalksburg | | |

DRILLING

| RUN NO. | BORE HOLE RECORD | | | CASING RECORD | | | |
|---------|------------------|-------|------|---------------|------|------|-------|
| | BIT | FROM | TO | SIZE | WGT. | FROM | TO |
| | 6 | 1334' | T.D. | 6 1/4" | | 0 | 1334' |
| | | | | | | | |
| | | | | | | | |

THIS HEADING AND LOG CONFORM TO API RP-33

88C-808-A

ID: COUNTY: 073 (PLEASANTS) PERMIT: 70027 SFX: W (Worked Over)

REASSIGNED ID #: ()

COMPLETION INFO: ELEVATION: G COMP REC FLAG: (from E-LOG)
 ELEVATION TYPE: (Ground Lvl) RIG TYPE: (???)

* LOCATION TAX DST:
 * INFO: DEGREES MINUTES MILES
 * 7.5' LATITUDE: 00 00.0 0.005
 * LONGITUDE: 00 00.0 0.00W
 * QUADRANGLE:

CLASSIFICATION: DATES: MM/DD/YYYY WELL TYPE: 0
 INITIAL: (unclassified) SPUD: / /
 FINAL: (unclassified) COMP: / /1961 (Unknown)
 FIELD: BATCH: / /
 (?Never assigned) YEAR RPTD: ()

* 15' LATITUDE: 00 00 0.005
 * LONGITUDE: 00 00 0.00W
 * QUADRANGLE:
 * 5' SECT:

OPEN GAS-BEFORE TREATMENT: (MCFPD) OIL-BEFORE TREATMENT: (BOPD)
 FLOW: GAS-AFTER TREATMENT: (MCFPD) OIL-AFTER TREATMENT: (BOPD)

* UTM: EASTING: NORTHING:
 * COORDINATE DIGITIZED (Y/N):

ROCK NATURAL (PSI): 0 TIME (NATURAL, IN HOURS): 0
 PRESSURE: TREATED (PSI): 0 TIME (TREATED, IN HOURS): 0

* OWNER STATUS: C (Compltd) DATE: / /1961

DEPTHS: TOTAL FTG: 1714 NEW FTG: 0 EXPL FTG: 0

* INFO: SURFACE OWNER: Corbitt, R N & R J 4

DEEPEST FM: AT TOTAL DEPTH: 999 TESTED: 999
 (undetermined unit) (undetermined unit)

* OIL&GAS OWNER:
 * COMPANY NUMBER:
 * OPERATOR: 0721 (Quaker State)
 *

MECHANICAL LOG INFO:

STATUS: RANGE OF INTERVALS: 0- 1714 DEEPEST FM LOGGED:
 LOGS AVAILABLE: GR,N,T,* MICROFILM ROLL NUMBER(S): 49
 COMMENT: on #49 no permit #
 LOG TYPES: GR-gamma ray; D-density; T-temperature; I-induction; N-neutron; S-sonic; *Other types not noted