UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS:

| | |
|---|---|
| DATE FILED | Prior O&GCC |
| LAND: FEE & PATENTED | STATE LEASE NO. PUBLIC LEASE NO. INDIAN |
| DRILLING APPROVED: | -- |
| SPUDDED IN: | 10-27-54 |
| COMPLETED: | |
| INITIAL PRODUCTION: | |
| GRAVITY A. P. I. | |
| GOR: | |
| PRODUCING ZONES: | |
| TOTAL DEPTH: | 1500' |
| WELL ELEVATION: | 6503 DF |
| DATE ABANDONED: | 12- -54 |
| FIELD OR DISTRICT: | Wildcat 3/86 |
| COUNTY: | San Juan API # 43-037-20335 |
| WELL NO. | PIONEER 2 |
| LOCATION: | 2340 FT. FROM (N) (S) LINE, 2390 FT. FROM (E) (W) LINE. NW NW SE QUARTER - QUARTER SEC. 31 |

| TWP. | RGE. | SEC. | OPERATOR | TWP. | RGE. | SEC. | OPERATOR |
|---|---|---|---|---|---|---|---|
| 37 29 S | 25 E | 31 | PIONEER URANIUM CORP. 10 | | | | |

## GEOLOGIC TOPS:

| | | | |
|---|---|---|---|
| QUATERNARY | Star Point | Sinbad | Brazer |
| Recent | Wa[illegible] | PERMIAN | Pilot shale |
| Alluvium | Masuk | Kaibab | Madison |
| Lake beds | Colorado | Coconino | Leadville |
| Pleistocene | Mancos | Cutler 5'24'37 | Redwall |
| Lake beds | Upper | Hoskinnini | DEVONIAN |
| TERTIARY | Middle | DeChelly | Upper |
| Pliocene | Lower | White Rim | Middle |
| Humboldt | Emery | Organ Rock | Lower |
| Salt Lake | Blue Gate | Cedar Mesa | Ouray |
| Miocene | Ferron | Halgaite tongue | Elbert |
| Bishop conglomerate | Frontier | Phosphoria | Guilmette |
| Oligocene | Dakota | Park City | Simonson dolomite |
| Norwood | Burro Canyon | Rico (Goodridge) | Sevy dolomite |
| Eocene | Cedar Mountain | Supai | North Point |
| Duchesne River | Buckhorn | Bird Springs | SILURIAN |
| Uinta | JURASSIC | CARBONIFEROUS | Laketown dolomite |
| Bridger | Morrison | Pennsylvanian | ORDOVICIAN |
| Green River | Salt Wash | Oquirrh | Eureka quartzite |
| Upper | San Rafeal Gr. | Weber | Pogonip limestone |
| Middle | Summerville | Morgan | CAMBRIAN |
| Lower | Bluff sandstone | Hermosa | Lynch |
| Wasatch | Curtis | Upper | Bowman |
| Colton | Entrade | Lower | Tapeats |
| Flagstaff | Moab tongue | Molas | Ophir |
| Almy | Carmel | Paradox | Tintic |
| Paleocene | Glen Canyon Gr. | A | PRE-CAMBRIAN |
| Current Creek | Navajo | B | |
| North Horn | Kayento | C | |
| CRETACEOUS | Wingate | Manning Canyon | |
| Montana | TRIASSIC | Mississippian | |
| Mesaverde | Chinle | Chainman shale | |
| Price River | Shinarump | Humbug | |
| Blackhawk | Moenkapi | Joana limestone | |

ACME Visible Records Inc. #78846-8

# SCHLUMBERGER

MICROLOG

Location of Well

PETROLEUM INFORMATION

A8395 M

(ES)

Elevation: D.F. 6503

K.B. -

or G.L. -

CO Pioneer Uranium Corporation

WELL #2 Pioneer

FIELD: Lisbon Area (W)

LOC 31-29S-25E NW NW SE

CO San Juan

STATE: Utah

CO San Juan A8395 M

LOC NW NW SE 31-29S-25E

WELL #2 Pioneer

CO Pioneer Uranium Corp

Est

I P S

6656 Df

6652 Gr

| | One | | | | |
|---|---|---|---|---|---|
| Date | 9-20-54 | | | | |
| First Reading | 603 | | | | |
| Last Reading | 100 | | | | |
| Footage Measured | 503 | | | | |
| Csg Shoe Schlum | -- | | | | |
| Csg Shoe Driller | -- | | | | |
| Max. Depth Reached | 606 | | | | |
| Bottom Driller | 1000 | | | | |
| Depth Datum | G.L. | | | | |
| Mud Nature | Gel | | | | |
| " Density | -- | | | | |
| " Viscosity | 40 | | | | |
| " Resistivity | 5.4 66 °F | ... °F | ... °F | ... °F | ... °F |
| " Resistivity BHT | 4.5 80 °F | ... °F | ... °F | ... °F | ... °F |
| " PH | -- ... °F | ... °F | ... °F | ... °F | ... °F |
| " Water Loss | -- ... Min. | ... CC/30 Min. | ... CC/30 Min. | ... CC/30 Min. | ... CC/30 Min. |
| Maximum Temp. °F | 80 | | | | |
| Bit Size | 83/4"-603'; 6 1/4"-632; 5 5/8"-td | | | | |
| Spacings - AM | 2" | | | | |
| AM' | -- | | | | |
| AO | 1.5" | | | | |
| E. S. Rig Time | 1 hr | | | | |
| Truck No | 1714Farm | | | | |
| Recorded By | Covey | | | | |
| Witnessed By | O'Laurie | | | | |

REMARKS

| SPONTANEOUS-POTENTIAL millivolts | DEPTHS | RESISTIVITY -ohms. m²/m | RESISTIVITY -ohms. m²/m |
|---|---|---|---|
| - 10 + | | 0 Micro Inverse 1" x 1" 20 | 40 |
| | | 0 | |
| | | 0 Micro Normal 2" 20 | 40 |
| | L.R. 100° | 0 | |
| | 100 | | |

# SCHLUMBERGER

ELECTRICAL

Location of Well

PETROLEUM INFORMATION

A8395

ES(ML)

Elevation: D.F. 6503

K.B. --

or G.L. --

CO Pioneer Uranium Corporation

WELL #2 Pioneer

FIELD Lisbon Area (A)

LOC 31-29S-25E NW NW SE

CO San Juan

STATE Utah

CO San Juan A8395

LOC NW NW SE 31-29S-25E

WELL #2 Pioneer

CO Pioneer Uranium Corp.

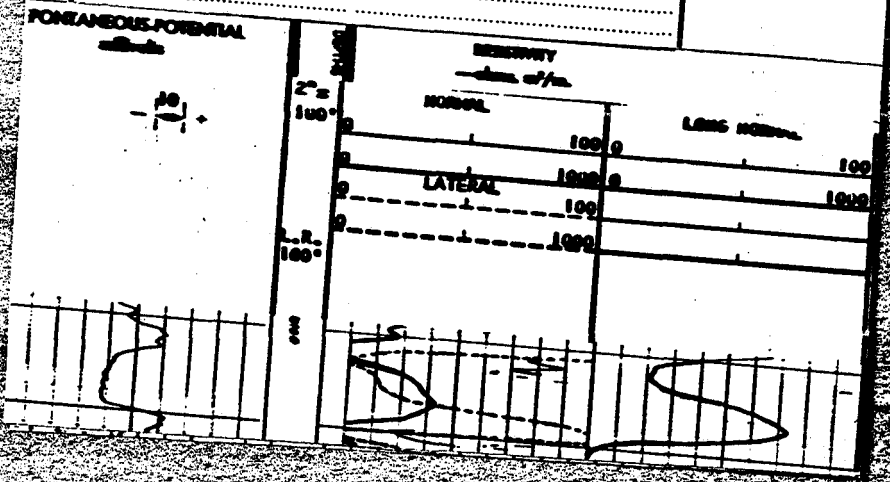
Est L & S

6656 Df

6652 Dr

| | One | | | | |
|---|---|---|---|---|---|
| Date | 9-20-54 | | | | |
| First Reading | 606 | | | | |
| Last Reading | 100 | | | | |
| Footage Measured | 506 | | | | |
| Csg Shoe Schlum | -- | | | | |
| Csg Shoe Driller | -- | | | | |
| Max. Depth Reached | 607 | | | | |
| Bottom Driller | 1000 | | | | |
| Depth Datum | G.L. | | | | |
| Mud Nature | Gel | | | | |
| " Density | -- | | | | |
| " Viscosity | 40 | | | | |
| " Resistivity | 5.4 66°F | @ °F | @ °F | @ °F | @ °F |
| " Resistivity BHT | 4.5 80°F | @ °F | @ °F | @ °F | @ °F |
| " PH | -- @ °F | @ °F | @ °F | @ °F | @ °F |
| " Water Loss | -- CC/30 MIN. | CC/30 MIN. | CC/30 MIN. | CC/30 MIN. | CC/30 MIN. |
| Maximum Temp. °F | 80 | | | | |
| Bit Size | 8 3/4"-603;6 1/4" to 632';5 5/8" to TD | | | | |
| Spacings - AM | 16" | | | | |
| AM | 64" | | | | |
| AO | 18'8" | | | | |
| E. S. Rig Time | 1 hr | | | | |
| Truck No | 1714 Farm | | | | |
| Recorded By | Covey | | | | |
| Witnessed By | O'Laurie | | | | |

REMARKS



BEST COPY AVAILABLE

| Number | Location | Operator and Well No. | Field and Area | Completion or Abandonment Date | Elevation | Age of Rocks Surface | Age of Rocks Bottom | Formation Tops | | Shows or Producing Zones | Total Depth | Status |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Paradox B | 4661 | Rec. 350 feet gas cut mud and salt water | | |
| | | | | | | | | Paradox Salt | 4746 | | | |
| | | | | | | | | Base Salt | 9437 | DST 7099-7156-gas in 6 min. | | |
| | | | | | | | | Molas | 9616 | st. 50 mcfgpd per day decreasing | | |
| | | | | | | | | Mississippian | 9656 | to 35 mcfgpd in one hour. | | |
| 209 | NENE 23 29S 24E | Superior #1 | Northwest Lisbon | ——— | 6700 est. | Cret. | Chinle | ——— | ——— | ——— | 2800 est. | P-A |
| 209 | SWNE 28 29S 24E | Pure Oil #1 Big Indian-B | Big Indian | 11-27-61 | 6758 DF | Perm? | Miss. | Hermosa | 1614 | DST 3644-3705 Rec. 300 feet mud-cut salt water. | 10,070 | P-A |
| | | | | | | | | Paradox A | 3483 | | | |
| | | | | | | | | Paradox B | 3683 | | | |
| | | | | | | | | Paradox Salt | 3832 | | | |
| | | | | | | | | Base Salt | 9698 | | | |
| | | | | | | | | Mississippian | 9794 | | | |
| 210 | SENE 33 29S 24E | Pure Oil #1 USA-Big Indian | Big Indian | 9-8-61 | 7124 DF | Navajo | Cambrian Tintic | Hermosa | 2016 | Field-Discovery | 11,143 | Prod. Oil & Gas |
| | | | | | | | | Paradox A | 3618 | Prod. Zone Miss. | | |
| | | | | | | | | Paradox B | 4064 | 9886-10,150 | | |
| | | | | | | | | Salt | 4155 | 7400 mcfgpd | | |
| | | | | | | | | Base Salt | 9775 | 11 bbls condensate per | | |
| | | | | | | | | Mississippian | 9801 | 1000 CF Gas | | |
| | | | | | | | | Elbert | 10,247 | | | |
| | | | | | | | | Bowman-Hartmann | 10,465 | | | |
| | | | | | | | | Ophir | 10,890 | | | |
| | | | | | | | | Tintic | 11,022 | | | |
| 211 | NWSE 31 29S 25E | Pioneer #2 | Lisbon Valley | 12-54 | 6303 DF | Dakota | ? | ——— | ——— | ——— | 1500 | P-A |
| 212 | SESE 5 29S 26E | Superior #1-5 Unit | Horsethief Canyon | 3-6-64 | 7323 KB | Mancos | Cambrian | ——— | | Gas to surface on DST's Range: 8119-9335 | 11,990 | P-A |
| 213 | NESENE 35 29 1/2S 20E | Reynolds Mng. #1 Unit | Gibson Dome | 5-15-56 | 4658 DF | Moen-kopi | Dev. | Hermosa | 496 | DST 3486-3537 2 hrs. Gas in 22 min. Rec. 130 feet gas-cut mud, 350 feet heavily oil-cut mud, 100 feet free oil (gassy) | 6036 | P-A |
| | | | | | | | | Upper Paradox | 1810 | | | |
| | | | | | | | | Paradox Salt | 1940 | | | |
| | | | | | | | | Lower Paradox | 5096 | | | |
| | | | | | | | | Pinkerton Trail | 5192 | | | |
| | | | | | | | | Molas | 5320 | | | |
| | | | | | | | | Leadville Transition | 5517 | | | |
| | | | | | | | | Leadville | 5550 | | | |
| 214 | NENE 32 29 1/2S 24E | Belco Pet. #1 State | NW Lisbon | 5-10-60 | 6297 KB | Kayenta | Cambrian | Shinarump | 1344 | DST 8679-8737 1 hr. 35 min. gas in 10 min. 129 mcfgpd, Rec 6307 feet slightly gas and distillate cut salt water. | 10,636 | P-A |
| | | | | | | | | Moenkopi | 1380 | | | |
| | | | | | | | | Hermosa | 2880 | | | |
| | | | | | | | | Paradox | 4117 | | | |
| | | | | | | | | Molas | 9720 | | | |
| | | | | | | | | Base Salt | 9534 | | | |
| | | | | | | | | Mississippian | 9794 | | | |
| | | | | | | | | Ouray | 10,272 | | | |
| | | | | | | | | Elbert | 10,338 | | | |
| | | | | | | | | McCracken | 10,506 | | | |
| | | | | | | | | Cambrian | 10,585 | | | |
| 215 | SESW 34 29 1/2S 24E | Pure Oil #1 NW Lisbon 'G' | North Lisbon | 4-23-61 | 6772 DF | Navajo | Penn. | Hermosa | 2339 | DST 5875-5905, 1 hr. rec. 540 feet slightly oil cut mud. Perf. 4330-40 with 4 per foot acidized with 5000 gallons-swabbed water with trace of oil and gas. | 6320 | P-A |
| | | | | | | | | Paradox A | 4237 | | | |
| | | | | | | | | Paradox B | 4469 | | | |
| | | | | | | | | Paradox Salt | 4583 | | | |
| 216 | NWNE 26 30S 19E | Trident Oil #2 Unit (Pan Am) | Beef Basin | 5-57 | 5083 G | Cutler | Hermosa | ——— | | Junked hole-Abandoned | 800 | P-A |
| 217 | NENW 26 30S 19E | Trident Oil #3 Unit (Pan Am) | Beef Basin | 5-27-57 | 5163 Gr | Cutler | Paradox | ——— | ——— | ——— | 2114 | P-A |

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                    * * * BASIC WELL INFORMATION * * *        MENU: OPTION 00
API NUMBER: 4303720335     PROD ZONE:                  SEC   TWNSHP    RANGE    QR-QR
ENTITY: 99998 ( PA, LA, OR TA                      )   31   29.0 S   25.0 E   NWSE
WELL NAME:  PIONEER 2
OPERATOR:    P0263 ( PIONEER URANIUM CORP          )        MERIDIAN: S
FIELD:          1  ( WILDCAT                  )
CONFIDENTIAL FLAG:      CONFIDENTIAL EXPIRES:       0      ALT ADDR FLAG:
    * * * APPLICATION TO DRILL, DEEPEN, OR PLUG BACK * * *
13. TYPE OF WELL (OW/GW/OT): OW        5. LEASE NUMBER:                LEASE TYPE: 0
 4. SURFACE LOC: 2340 FSL 2390 FEL     7. UNIT NAME:
  PROD ZONE LOC: 2340 FSL 2390 FEL    19. DEPTH:  1500     PROPOSED ZONE:
21. ELEVATION:   6503' DF              APD DATE:        0   AUTH CODE:
    * * * COMPLETION REPORT INFORMATION * * *               DATE RECD:       0
15. SPUD DATE: 541027     17. COMPL DATE:       0      20. TOTAL DEPTH: 1500'
24. PRODUCING INTERVALS:
 4. BOTTOM HOLE:                       33. DATE PROD:       0     WELL STATUS: PPA
24HR OIL:     0      24HR GAS:      0      24HR WTR:     0        G-O RATIO:      0
    * * * WELL COMMENTS * * *                                      API GRAVITY:  0.00
  PRIOR O&GCC NO FILE;860812 WCR ADDED
  WELL PA'D 12-54
  FILE MADE FROM CARD AND BULLETIN #74,NO FURTHER INFORMATION AVAILABLE
OPTION: 48 PERIOD(YYMM):     0 API: 4303720335 ZONE:        ENTITY:      0
```