| FLUID | SAMPL | E DATA | Do | ate 12 | -20-77 | Ticket Number | 2818 | 337 | Legal Location Sec Twp Rr | |
|---------------------|--------------|-------------|---------------------------|-------------------------------|----------------------|---|--|--------------|------------------------------|-------------------------|
| Sampler Pressure | | | at Surface Ki | Kind of Job OPEN H | | Halliburton HOLE District | | FARMINGTON | | Leo Leo |
| Recovery: Cu. Ft. C | | | —— " | 0. | LIV HOLL | | | | 8 | |
| cc. Oil cc. Wate | | | Te | ester SM | ITH | Witness | MOOF | RE | | F 1 |
| cc. Mud | | ht oil cut | 2250 D | rilling | | | | | | Z |
| | id cc. | | | ontractor 4 | | RILLING CO | | NM | 24 | Name |
| Gravity | • | API @ | •F. | EQU | IPMENT | & HOLE | DATA | | 1 | ! - |
| Gas/Oil Ratio | | c | u. ft./bbl. Fo | ormation Tested_ | | Tocito | | | 21 | ď |
| | RESIST | IVITY CHLO | DRIDE EI | evation | | 6929' | | <u>Ft.</u> | Z | |
| | | CO.1 | N | et Productive In | terval | 481 | 11 D | Ft. | 1 | |
| Recovery Water | @ | | ppm A | ll Depths Measu | red From | Rotary Ke | Hy Bush | | M9 | |
| Recovery Mud | <u>1.1</u> @ | | 1 | otal Depth | . | 44821 | | Ft. | _ | |
| Recovery Mud Filts | | | | Nain Hole/Casin | | 8 3/4" 596' L.D. | 2½" | | | |
| Mud Pit Sample | 1.1 @ | | | rill Collar Leng | | 2222 | 3.82 | 511 | | Well No. |
| Mud Pit Sample Fi | trate@ | *F | | rill Pipe Length | | <u> 3802 ° </u> | 434 | | | - |
| | | | | acker Depth(s)_ | | 4412' | 434 | Ft. | | |
| Mud Weight | 8.9 | vis | 45 sec D | epth Tester Val | | | ······································ | Ft. | l | ١. |
| TYPE | AMOUNT | E4 | Depth Back Pres. Valve | NONE | Surface Choke 3/4 | Botto ADJ. Cho | | 4" | | |
| Cushion NC |)NE | Ft. | Pres. Valve | NONE | <u> </u> | Abo. | | · | | Test No. |
| 5 1 1001 | Feet | of deilli | ing mud | | | | | 3 | Ared Ared | ١٨ |
| Recovered 190' | reet | or diffi | ing mud | | | | | le i | • | |
| Recovered | Feet | of | | | | | | From | | 1 |
| Recovered | | | | | | | | | 1 | |
| Recovered | Feet | of | | | | | | Tester Valve | ΙW | |
| Kecovered | | | | | | | | < | | |
| Recovered | Feet | of | | | | | | | WILDCAT | |
| | | | | | | | | | - | |
| Recovered | Feet | of | | | | | . | | 1 | 1 |
| | | | | | 67 | 4 41 A 1C | 120 for a | 30 | İ | Tested Interval |
| Remarks | Tool | opened @ 10 | 000 with a | a weak blow | v. crosec | i tool @ 10 | 120 101 a | 30 | ┨ | 3 |
| | | | | Teel week | oned 0 10 | nso with a | very wea | k | 1 | 힐 |
| minu | ite first | closed in | pressure. | 1001 100 | beneu e it | 050 with a | very wea | | 1 | 0 |
| 1. 7 | ما ما شماد . | continued: | +hroughout | t the test | - verv W | eak blow. | Closed t | .001 | | 1 |
| DIO | W - Which | Continued | cm oughou | t the test | 1019 | | | | Count | |
| a 1. | IEO for a | 120 minute | second c | losed in p | ressure. | Trip out @ | 1350. | | ₹ | |
| <u> </u> | 150 101 a | 120 minute | 3000110 0 | , co <u>ca</u> , | | | | | 1 | |
| | | | | | | | | | . ↓ | 1 ' |
| | Gauge No. | 2033 | Gauge No. | 2032 | Gauge No. | | TIA | AE | SANDOVAL | 1 |
| TEMPERATURE | Depth: | 4416' Ft. | Depth: | 4478' Ft. | Depth: | Ft. | | | 1 <u>§</u> | |
| | 12 | Hour Clock | 24 | | | Hour Clock | Tool | .M.A | 18 | |
| Est. •F. | Blanked Off | NO | Blanked Off | YES | Blanked Off | | Opened 10 | 000 P.M. | 1= | 1 1 |
| | | | | | | | Opened | A.M. | 1 | 1 1 |
| Actual 120 °F. | Pres | sures | Pres | ssures | Pre | ssures | Bypass] 3 | Computed | - | |
| | Field | Office | Field | Office | Field | Office | | · | <u> </u> | 200 |
| Initial Hydrostatic | 2082.0 | 2102 | 2118 | 2137 | | | Minutes | Minutes | ξ | 0 |
| +8 Flow Initial | 80.3 | 88 | 132.3 | 139 | | | 30 | | - 3 | 18 |
| Flow Final | 80.3 | 91 | 132.3 | 115 | | | 20 | | - | Con |
| Closed in | 107.0 | 104 | 145.6 | 128 | | | 30 | | -{ | par y |
| Flow Initial | 80.3 | 100 | 132.3 | 127 | | | 60 | | WEW | Lease Owner/Company Nam |
| S Final | 80.3 | 103 | 132.3 | 139 | | | 120 | | | a Se |
| Closed in | 187.2 | 194 | 211.7 | 214 | | | 120 | | ⊢ M M M M | " |
| Po Flow Initial | | | | | | | | | ⊣≍ | |
| Po Flow Final | | | | | | | | | ને 8 | |
| Closed in | | | 0110 7 | 2075 | | <u> </u> | | | - | |
| Final Hydrostatic | 2055 | 2065 | 2118.7 | 2075 | | | | | 1 | |
| | l . | 1 | | i | 1 | 1 | | | 1 | |

281837

| fl | O. D. | 1. D. | LENGTH | DEPTH |
|-------------------------------|--------|-------------|-----------------|-------------|
| Drill Pipe or Tubing | | | LENGTH | DEPTH |
| Reversing Sub | 5 3/4" | 3" | 1 | |
| | | | | |
| Water Cushion Valve | A 1 11 | 3.826" | 3802' | |
| Drill Pipe | C1 II | 2½" | 596' | |
| Handling Sub & Choke Assembly | | | | |
| Dual CIP Valve | | | | |
| Dual CIP Sampler | 5" | 3/4" | <u>6'</u> 5' | 4407 |
| Hydro-Spring Tester | | 3/4" | 2. | 4412' |
| Multiple CIP Sampler | | | | |
| Extension Joint | | | | |
| AP Running Case | | | 4' | 4416' |
| Hydraulic Jar | | 1" | 6' | |
| VR Safety Joint | 5" | | 3' | |
| Pressure Equalizing Crossover | | | | |
| Packer Assembly | 7½" |]½" | 6' | 4428' |
| Distributor | | | | |
| Packer Assembly | 7½" | 112" | 6' | 4434' |
| Flush Joint Anchor | | | | |
| Pressure Equalizing Tube | | | | |
| Blanked-Off B.T. Running Case | | | | |
| Drill Collars | | | | |
| Anchor Pipe Safety Joint | | | | |
| Packer Assembly | | | | |
| Distributor | | | | |
| Packer Assembly | | | | |
| Anchor Pipe Safety Joint | | | | |
| Side Wall Anchor | | | | |
| Drill Collors | 6½" | 21/4" | 31' | |
| Flush Joint Anchor | | 212" | 11' | |
| Blanked-Off B.T. Running Case | 5 3/4" | | 4' | 4478' |
| Total Depth | | | | 4482' |