

DAILY DRILLING REPORT # 1

TIME: 6:00 AM DATE: 3/25 SPUD DATE: 3/22 DAYS FROM SPUD: 3
WELL NAME: AUGUSTA BROWN #1 OPERATOR: MOBIL
LOCATION: 16 - 25S - 34W COUNTY: FINNEY STATE: KS
ELEVATION: GL: 2964 DF: _____ KB: 2980
PRESENT DEPTH: 1898 PENETRATION: _____ STATUS: T/H to d.v. cont.
ACTIVITY LAST 24 HOURS: _____

CURRENT LITHOLOGY: _____ BGG: _____

RATE OF PENETRATION: RANGE: _____ AVERAGE: _____

DRILLING PARAMETERS: WOB _____ RPM _____ PP _____

HOLE SURVEYS: TYPE: _____ DEPTH: _____ DEVIATION: _____

MUD: WT: _____ VIS: _____ WL: _____ PH: _____ CL- _____

SHOWS: FORMATION: _____ INTERVAL: _____

DRLG BRK: B _____ D _____ A _____ GAS UNITS: B _____ D _____ A _____

LITHOLOGY: _____

FLOUR & CUT: _____

SHOWS: FORMATION: _____ INTERVAL: _____

DRLG BRK: B _____ D _____ A _____ GAS UNITS: B _____ D _____ A _____

LITHOLOGY: _____

FLOUR & CUT: _____

CORES, TESTS, PROBLEMS, REMARKS, ETC: 9 5/8" @ 1898'

FORMATION TOPS: _____

COST TO DATE: _____ GEOLOGIST: Adams (Analogy)

cores where?

DAILY DRILLING REPORT #

TIME: 6:00 AM DATE: 3/26 SPUD DATE: 3/22 DAYS FROM SPUD: 4

WELL NAME: AUGUSTA BROWN #1 OPERATOR: MOBIL

LOCATION: 16 - 25S - 34W COUNTY: FINNEY STATE: KS

ELEVATION: GL: 2964 DF: _____ KB: 2980

PRESENT DEPTH: 2655 PENETRATION: _____ STATUS: drlg

ACTIVITY LAST 24 HOURS: _____

CURRENT LITHOLOGY: 80% siltstn, 10% sh, 10% ss BGG: —

RATE OF PENETRATION: RANGE: _____ AVERAGE: _____

DRILLING PARAMETERS: WOB 40-45k RPM 76 PP 1300

HOLE SURVEYS: TYPE: _____ DEPTH: _____ DEVIATION: _____

MUD: WT: 8.9 VIS: 34 WL: 56 PH: 9.0 CL- 1800

SHOWS: FORMATION: Chase INTERVAL: 2446-48

DRLG BRK: B ? D _____ A _____ GAS UNITS: B 2 D 225 A 80

LITHOLOGY: _____

FLOUR & CUT: _____

SHOWS: FORMATION: _____ INTERVAL: _____

DRLG BRK: B _____ D _____ A _____ GAS UNITS: B _____ D _____ A _____

LITHOLOGY: _____

FLOUR & CUT: _____

CORES, TESTS, PROBLEMS, REMARKS, ETC: Rig phone again not working.

Chase shows continued down from one above, gas running
~40 to 100 yd some Cx throat. Connection @ 2624
lost circ for 1 hr.

FORMATION TOPS: Chase @ 2446 (-20 to prog)

COST TO DATE: _____ GEOLOGIST: Doren Adams (Analox)

DAILY DRILLING REPORT #

TIME: 7:00
~~6:00 AM~~ DATE: 3/27 SPUD DATE: 3/22 DAYS FROM SPUD: 5
WELL NAME: AUGUSTA BROWN #1 OPERATOR: MOBIL
LOCATION: 16 - 25S - 34W COUNTY: FINNEY STATE: KS
ELEVATION: GL: 2964 DF: _____ KB: 2980
PRESENT DEPTH: 3346 PENETRATION: 691 STATUS: drlg
ACTIVITY LAST 24 HOURS: _____

CURRENT LITHOLOGY: 50% sh, 30% siltst, 20% BGG: 8-85u, avg 12u
ls throat, more lime now.

RATE OF PENETRATION: RANGE: _____ AVERAGE: 242 m/h/ft

DRILLING PARAMETERS: WOB 45k RPM 96 PP 1250

HOLE SURVEYS: TYPE: _____ DEPTH: _____ DEVIATION: _____

MUD: WT: 9.0 VIS: 34 WL: 37 PH: 8.8 CL- 1600

SHOWS: FORMATION: none INTERVAL: _____

DRLG BRK: B _____ D _____ A _____ GAS UNITS: B _____ D _____ A _____

LITHOLOGY: _____

FLOUR & CUT: _____

SHOWS: FORMATION: _____ INTERVAL: _____

DRLG BRK: B _____ D _____ A _____ GAS UNITS: B _____ D _____ A _____

LITHOLOGY: _____

FLOUR & CUT: _____

CORES, TESTS, PROBLEMS, REMARKS, ETC: Lost 75666 2624, 60 @ 2744,
75@3188, insig@ 3200-3250, 75@3332

FORMATION TOPS: Chase @ 2425, CG @ 2700, W. field 2878, Adamsire

COST TO DATE: 2967, Wabawnee 3115 GEOLOGIST: Doren Adams (A

DAILY DRILLING REPORT #

TIME: 6:00 AM DATE: 3/28 SPUD DATE: 3/22 DAYS FROM SPUD: 6
WELL NAME: AUGUSTA BROWN #1 OPERATOR: MOBIL
LOCATION: 16 - 26S - 34W COUNTY: FINNEY STATE: KS
ELEVATION: GL: 2964 DF: _____ KB: 2980
PRESENT DEPTH: 4045 PENETRATION: 699 STATUS: drlg
ACTIVITY LAST 24 HOURS: drlg

CURRENT LITHOLOGY: 1s - Lansing BGG: 64

RATE OF PENETRATION: RANGE: 0.8 - 7 AVERAGE: 2.2 min/ft

DRILLING PARAMETERS: WOB 48K RPM 96 PP 1250

HOLE SURVEYS: TYPE: none DEPTH: _____ DEVIATION: _____

MUD: WT: 9.1 VIS: 35 WL: 17 PH: 9.5 CL- 1100

SHOWS: FORMATION: none INTERVAL: _____

DRLG BRK: B _____ D _____ A _____ GAS UNITS: B _____ D _____ A _____

LITHOLOGY: _____

FLOUR & CUT: _____

SHOWS: FORMATION: _____ INTERVAL: _____

DRLG BRK: B _____ D _____ A _____ GAS UNITS: B _____ D _____ A _____

LITHOLOGY: _____

FLOUR & CUT: _____

CORES, TESTS, PROBLEMS, REMARKS, ETC: Drlg w/ LCMs (5.5 lb/661)

FORMATION TOPS: Shawnee 3460, Lansing 3846

COST TO DATE: \$210,185 GEOLOGIST: Larry Wender

DAILY DRILLING REPORT #

TIME: 6:00 AM DATE: 3/29 SPUD DATE: 3/22 DAYS FROM SPUD: 7

WELL NAME: AUGUSTA BROWN #1 OPERATOR: MOBIL

LOCATION: 16 ^{C SW NE} - 25S - 34W COUNTY: FINNEY STATE: KS

ELEVATION: GL: 2964 DF: 2979 KB: 2980

PRESENT DEPTH: 4580 PENETRATION: 535 STATUS: drlg

ACTIVITY LAST 24 HOURS: drlg

CURRENT LITHOLOGY: ls $\frac{1}{2}$ blk sh BGG: 14u

RATE OF PENETRATION: RANGE: 0.2 - 4.2 AVERAGE: 2.6 min/ft

DRILLING PARAMETERS: WOB 50K RPM 76 PP 1450

HOLE SURVEYS: TYPE: none DEPTH: _____ DEVIATION: _____

MUD: WT: 8.9 VIS: 40 WL: 9.6 PH: 9.8 CL- 900

SHOWS: FORMATION: none INTERVAL: _____

DRLG BRK: B _____ D _____ A _____ GAS UNITS: B _____ D _____ A _____

LITHOLOGY: _____

FLOUR & CUT: _____

SHOWS: FORMATION: _____ INTERVAL: _____

DRLG BRK: B _____ D _____ A _____ GAS UNITS: B _____ D _____ A _____

LITHOLOGY: _____

FLOUR & CUT: _____

CORES, TESTS, PROBLEMS, REMARKS, ETC: _____

FORMATION TOPS: KC 4085, Marriaton 4410, Cherokee 4540

COST TO DATE: \$220,171 GEOLOGIST: Larry Wender

DAILY DRILLING REPORT #TIME: 6:00 AM DATE: 3/31 SPUD DATE: 3/22 DAYS FROM SPUD: 9WELL NAME: AUGUSTA BROWN #1 OPERATOR: MOBILLOCATION: ^{C SW NE} 16 - 25S - 34W COUNTY: FINNEY STATE: KSELEVATION: GL: 2964 DF: 2979 KB: 2980PRESENT DEPTH: 5040 PENETRATION: 196 STATUS: drlgACTIVITY LAST 24 HOURS: 4 7 hrs, trip,CURRENT LITHOLOGY: ls - wh, dns BGG: 25uRATE OF PENETRATION: RANGE: 0.8 - 6.0 AVERAGE: 4 1/2 min/ftDRILLING PARAMETERS: WOB 50K RPM 76 PP 1400HOLE SURVEYS: TYPE: none DEPTH: DEVIATION:MUD: WT: 9.0 VIS: 42 WL: 7.6 PH: 9.8 CL- 1100SHOWS: FORMATION: Morrow INTERVAL: 4890-4903 ^{4905 btm ss in 4}DRLG BRK: B 3 1/2 D 1 A — GAS UNITS: B 15 D 90 A ↓ ^{110 at 4904}LITHOLOGY: ss - brn, f-med gr, glau, calc, 5-15% estFLOUR & CUT: mod-bgt ylw fl, fast string cut, huly st, bldg gas & oilSHOWS: FORMATION: Morrow/Chester?? INTERVAL: 4926-43DRLG BRK: B 3.2 D 1 A 5 GAS UNITS: B 17 D 212 A 20LITHOLOGY: ss aa, 12-15% estFLOUR & CUT: dull - mod ylw fl, slow-med string cut, spty stCORES, TESTS, PROBLEMS, REMARKS, ETC: 18 plugs - 4891-04, change TDto 5300 to adjust for St. Louis pick 115' to prog,Williams not RV yet, loc is @ stockyard, Paul will leaveslope etc. & control logs @ company man's trailer on WilliamsFORMATION TOPS: Chester 4918?, St. Gen 4960, St. Louis 5060?COST TO DATE: \$237,003 GEOLOGIST: Paul Weaverling

DAILY DRILLING REPORT #

TIME: 6:00 AM DATE: 4/1 SPUD DATE: 3/22 DAYS FROM SPUD: 10

WELL NAME: AUGUSTA BROWN #1 OPERATOR: MOBIL

LOCATION: 16 - 25S - 34W COUNTY: FINNEY STATE: KS

ELEVATION: GL: 2964 DF: 2979 KB: 2980

PRESENT DEPTH: 5276 TD PENETRATION: 236 STATUS: RIH w/ DIL/Dt

ACTIVITY LAST 24 HOURS: Drld 14 hrs, TD @ 10:00 PM, circ for logs,

RV Schl, RIH w/ logs

CURRENT LITHOLOGY: ls - micaceous, cherty BGG: 104

RATE OF PENETRATION: RANGE: 2-5 AVERAGE: 2.5 min/ft

DRILLING PARAMETERS: WOB 50K RPM 76 PP 1500

HOLE SURVEYS: TYPE: _____ DEPTH: 5238 DEVIATION: 3/4°

MUD: WT: 9.0 VIS: 56 WL: 8.4 PH: 9.0 CL- 900

SHOWS: FORMATION: none INTERVAL: _____

DRLG BRK: B _____ D _____ A _____ GAS UNITS: B _____ D _____ A _____

LITHOLOGY: _____

FLOUR & CUT: _____

SHOWS: FORMATION: _____ INTERVAL: _____

DRLG BRK: B _____ D _____ A _____ GAS UNITS: B _____ D _____ A _____

LITHOLOGY: _____

FLOUR & CUT: _____

CORES, TESTS, PROBLEMS, REMARKS, ETC: lost 200 bbls in Chase @ 5088

yesterday.

Decided to run 5 1/2 to TD to test Morrow 4493-98

7:00 PM 4/1

FORMATION TOPS: St. Louis 5065 (-120 to prog.)

COST TO DATE: \$243,273 GEOLOGIST: Paul Weaverling