

BOREHOLE COMPENSATED SONIC LOG

COMPANY: ARCO PRODUCTION COMPANY
WELL: STATE ST. GAS COMP. #1
FIELD: ARCO
COUNTY: STATE NEW MEXICO
LOG NO.: 11-1000
DATE: 11-10-77

COMPENSATED NEUTRON FORMATION DENSITY

COMPANY: J.C. BARNES OIL COMPANY
WELL: LITTLE SQUAW #1
FIELD: LITTLE SQUAW
COUNTY: STATE NEW MEXICO
LOG NO.: 11-1000
DATE: 11-10-77

COMPENSATED NEUTRON FORMATION DENSITY

COMPANY: J.C. BARNES OIL COMPANY
WELL: LITTLE SQUAW #1
FIELD: LITTLE SQUAW
COUNTY: STATE NEW MEXICO
LOG NO.: 11-1000
DATE: 11-10-77

COMPENSATED NEUTRON FORMATION DENSITY

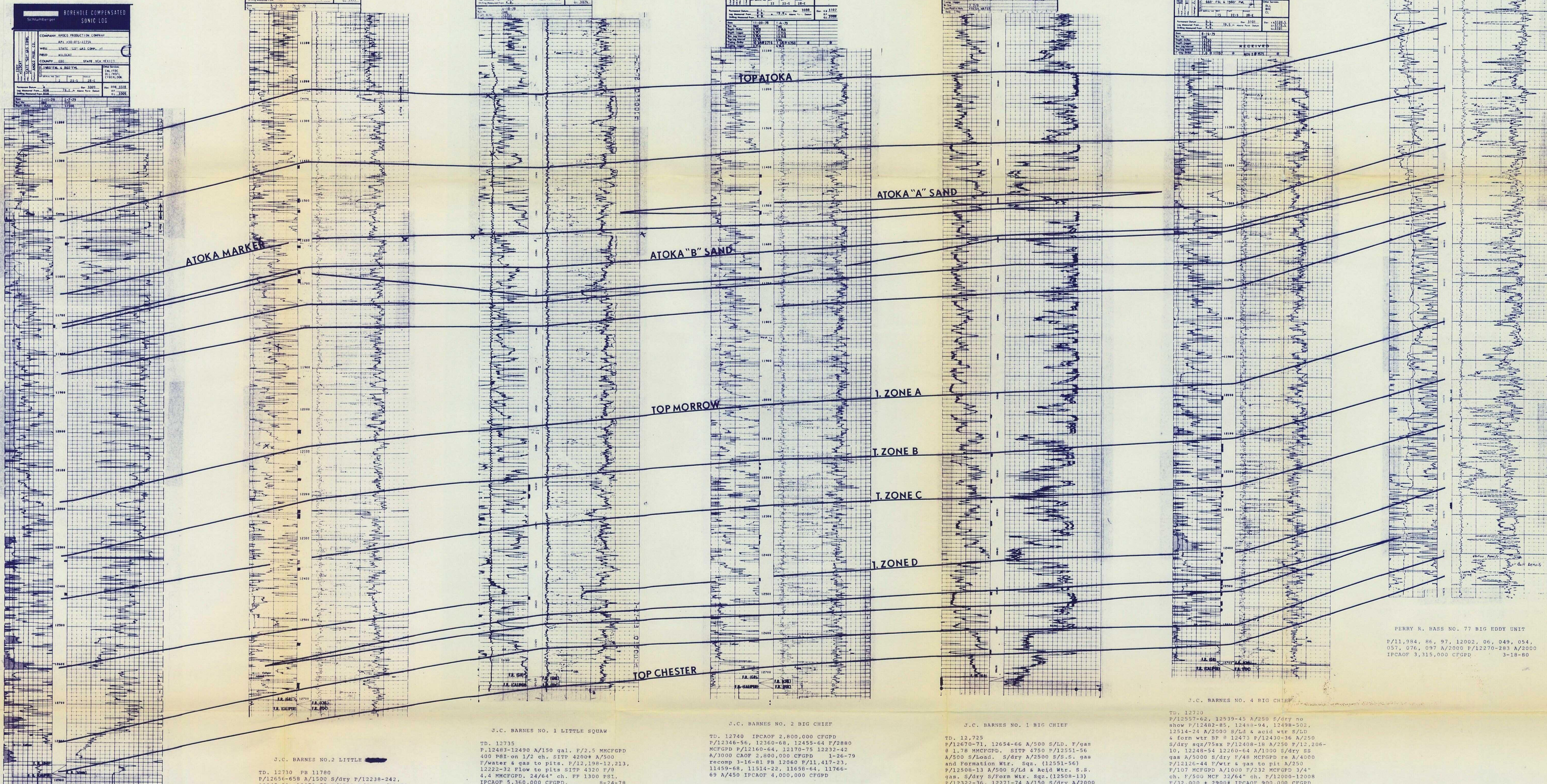
COMPANY: J.C. BARNES OIL COMPANY
WELL: BIG CHIEF #1
FIELD: BIG CHIEF
COUNTY: STATE NEW MEXICO
LOG NO.: 11-1000
DATE: 11-10-77

COMPENSATED NEUTRON LOG

COMPANY: J.C. BARNES OIL COMPANY
WELL: BIG CHIEF #1
FIELD: BIG CHIEF
COUNTY: STATE NEW MEXICO
LOG NO.: 11-1000
DATE: 11-10-77

COMPENSATED NEUTRON FORMATION DENSITY

COMPANY: J.C. BARNES OIL COMPANY
WELL: BIG CHIEF #1
FIELD: BIG CHIEF
COUNTY: STATE NEW MEXICO
LOG NO.: 11-1000
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ANDCO PRODUCTION COMPANY
NO. 1 STATE "GO" COW

TD. 12,900
DST 6068-6245, op 55", Rec 19" oil
350' mud; SC/R 32 CPG + 66 cc
oil + 880 cc wtr; 85' 7290; 72
193-211; 3120/2803; HP 3082-3082
DST 7650-7715, op 65", Rec 5" oil +
175" oil; SC/R .60 cpg + 1260
cc oil; 60/2043; PP 79-142; 120/
2375; HP 3778-3378. Drig break
11,921-126

DST 11,509-616, op 38", Rec 1516'
oil GCM + 90" oil GCM; SC/R 1.34
cpg + 410 ccDM; 90/2232; PP 843-
843; 120/1683; HP 7402-7457

DST 11,682-741, op 90", Rec 1580'
GCM + 90" GCM; SC/R 1.25 cpg; 90/
7259; PP 726-726; 180/7259; HP 7465-
7465. Drig break 11,730-740; Perf
12,324-333; 12-616-423; Snd 16
BLW/5 hrs A/1500; SITP 2550; S/110
BW/10 hrs Perf 32/11,722-730 S/25
BL/3 hr. PF 16/11,512-516; A/1000;
S/10 BL/77.

J.C. BARNES NO. 1 LITTLE SQUAW

TD. 12735
P.12483-12490 A/150 gal. P/2.5 MMCPGD
400 PBI on 1/2 ch. SITP 4200* A/500
P/water & gas to pits. P/12,198-12,213,
12222-32 Flow to pits SITP 4320 P/B
4.4 MMCPGD. 24/64" ch. PF 1300 PBI.
IPCAOP 5,360,000 CPGPD. 8-24-78

J.C. BARNES NO. 2 BIG CHIEF

TD. 12740 IPCAOP 2,800,000 CPGPD
P/12146-56, 12360-68, 12455-64 P/2880
MMCPGD P/12160-64, 12170-75 12232-42
A/3000 CAOP 2,800,000 CPGPD 1-26-79
Recomp 3-16-81 PH 12060 P/21,417-23,
11459-68, 11514-22, 11658-64, 11766-
69 A/450 IPCAOP 4,000,000 CPGPD

J.C. BARNES NO. 1 BIG CHIEF

TD. 12,725
P/12670-71, 12654-66 A/500 S/LD. P/gas
1.78 MMCPGD. SITP 4750 P/12551-56
A/500 S/Load. S/dry A/2500 S/S. gas
and formation wtr. Sqz. (12551-56)
P/12508-13 A/500 S/LD & Acid Wtr. S.S.
gas. S/dry S/Form Wtr. Sqz. (12508-13)
P/12322-36, 12271-74 A/150 S/dry A/2000
S/dry P/12216-24, 12150-57 A/150 S/Load
& Acid Wtr No show gas. A/1500 S/LD
w/small amt gas. P/gas P 413 MMCPGD
P/gas # 855 MMCPGD P/12,150-57, 12216-
24) 260007 + 16000* S/LD & gas P/900
MMCPGD drill one plus to 12605 IPCAOP
1,310,000 CPGPD 8-23-78

J.C. BARNES NO. 4 BIG CHIEF

TD. 12720
P/12557-62, 12539-45 A/250 S/dry no
show P/12482-85, 12488-94, 12498-502,
12514-24 A/2000 S/LD & acid wtr S/LD
& form wtr BP # 12473 P/12430-36 A/250
S/dry sqz/75sq P/12408-18 A/250 P/12,206-
10, 12248-54 12260-64 A/1000 S/dry SS
gas A/5000 S/dry P/48 MMCPGD re A/4000
P/12126-44 P/wtr & gas to pit A/250
P/107 MMCPGD A/1000 P/232 MMCPGD 1/4"
ch. P/500 MCF 12/64" ch. P/12000-12008
P/32,000 + 2900* IPCAOP 900,000 CPGPD
10-30-79

PERRY R. BASS NO. 77 BIG EDDY UNIT

P/11,984, 86, 97, 12002, 06, 049, 054,
057, 076, 097 A/2000 P/12270-283 A/2000
IPCAOP 3,315,000 CPGPD 3-18-80