

CROWN TESTING CO.
 224 E. DOUGLAS, SUITE 530
 WICHITA, KS 67202

DRILL-STEM TEST DATA

Well Name	C J & M	Test No.	1
Well Number	1	Zone Tested	Arbuckle
Company	Jay Boy Oil, Inc.	Date	6-19-90
Comp. Rep.	Ken Greenwood	Tester	Greg Saffa
Contractor	Allen Drilling Co. Rig 3	Ticket No.	2765
Location	Sec. 25, Twp. 20, Rg. 16 ^W Pawnee Co.	Elevation	2052 KB

Recorder No. 13810 Clock Range 12 hr. Blow _____

Depth 3760 Initial Flow Very strong blow gas to surface in 2 min.

Initial Hydro Mud Press. 1856

Initial Flow Press. 331-442

Initial Shut-in Press. 661 Final Flow Very strong blow

Final Flow Press. 442-442

Final Shut-in Press. 606

Final Hydro Mud Press. 1802

Temperature 109° Initial Flow 45 Mins.

Mud Weight 9.2 Viscosity 60 Initial Shut-in 60 Mins.

Fluid Loss 11.2 Final Flow 45 Mins.

Interval Tested 3750-3760 10 ft. anchor Final Shut-in 60 Mins.

Top Packer Depth 3745 Surface Choke Size 1/2

Bottom Packer Depth 3750 Bottom Choke Size 1/2

Total Depth 3760 Main Hole Size 7 7/8

Drill Pipe Size 4 1/2 X H Wt. _____ Rubber Size 6 3/4

Drill Collar I.D. _____ Ft. Run _____

Recovery—Total Feet 1000

Recovered 1000 Feet Of salt water 45,000 ppm chlorides

Recovered _____ Feet Of _____

Recovered _____ Feet Of for gas gauge see gas report

Recovered _____ Feet Of _____

Remarks _____

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By Ken Greenwood
 Owner, Operator or his Agent



GAS GAUGED THROUGH 1" 1/2" 1/4" ORIFICE
 TEST TICKET NO. 2765

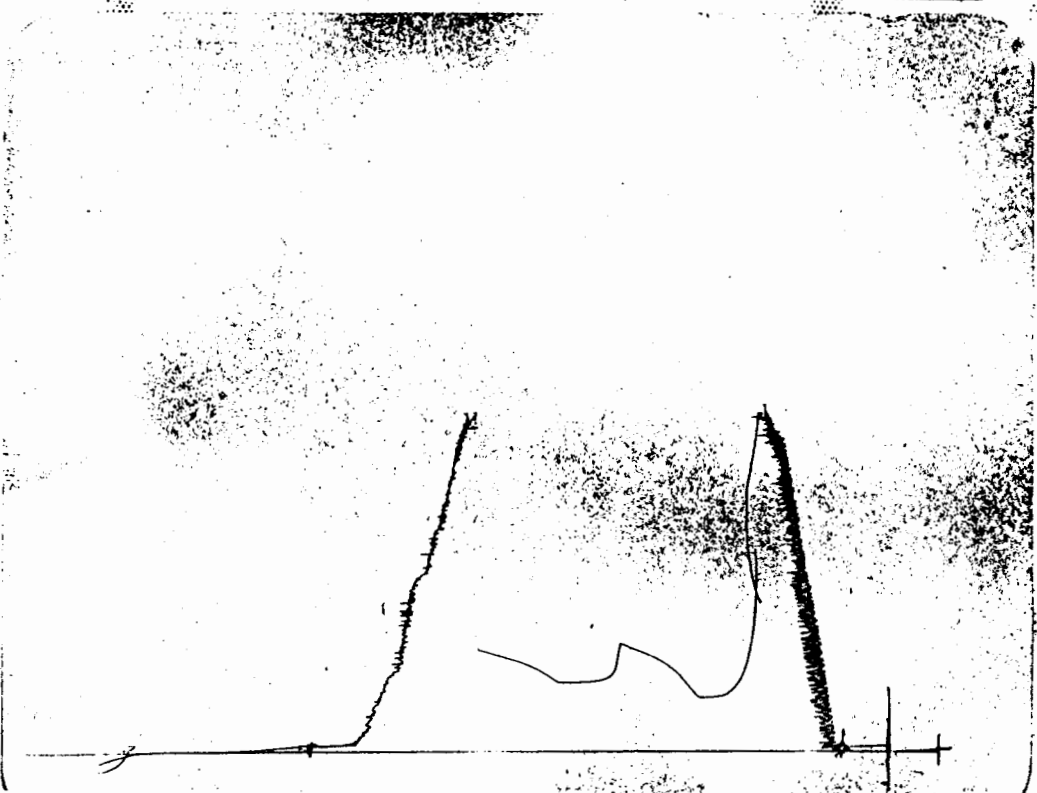
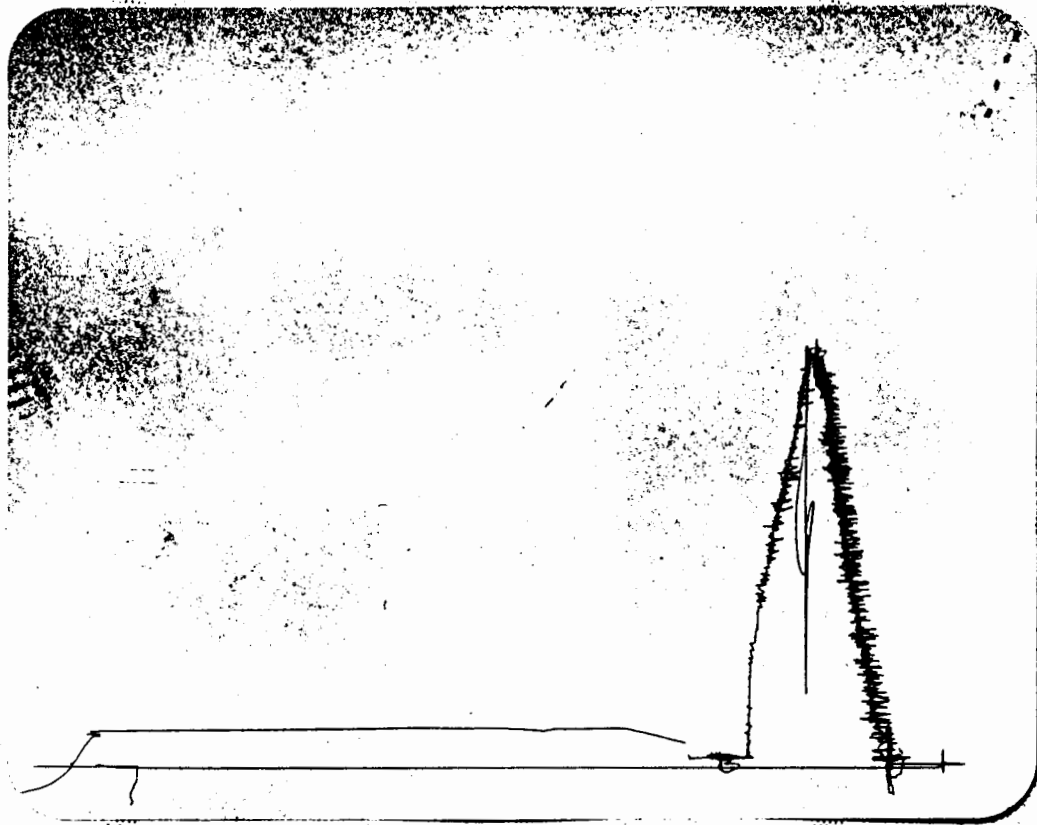
1ST OPEN

TIME INTERVAL	LBS./OUNCES	GAS GAUGED MCFPD
<i>GAS TO SURFACE IN 2 MIN.</i>		
10 MIN	1" 20 ^{H₂O}	115,000
20 MIN	1" 12 ^{H₂O}	89,800
30 MIN	1/2" 18 ^{H₂O}	26,600
45 MIN	1/2" 10 ^{H₂O}	19,900

2ND OPEN

10 MIN	1/2" 20 ^{H₂O}	28,000
20 MIN	1/4" 10 ^{H₂O}	5,320
30 MIN	1/4" 10 ^{H₂O}	5,320
45 MIN	1/4" 10 ^{H₂O}	5,320

DST # 1



CROWN TESTING CO. COMPANY
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DRILL-STEM TEST DATA

Well Name	C J & M	Test No.	2
Well Number	1	Zone Tested	Arbuckle
Company	Jay Boy Oil, Inc.	Date	6-19-90
Comp. Rep.	Ken Greenwood	Tester	Greg Saffa
Contractor	Allen Drilling Co. Rig 3	Ticket No.	2766
Location	Sec. 25, Twp. 20, Rg. 16 Pawnee County	Elevation	2052 KB

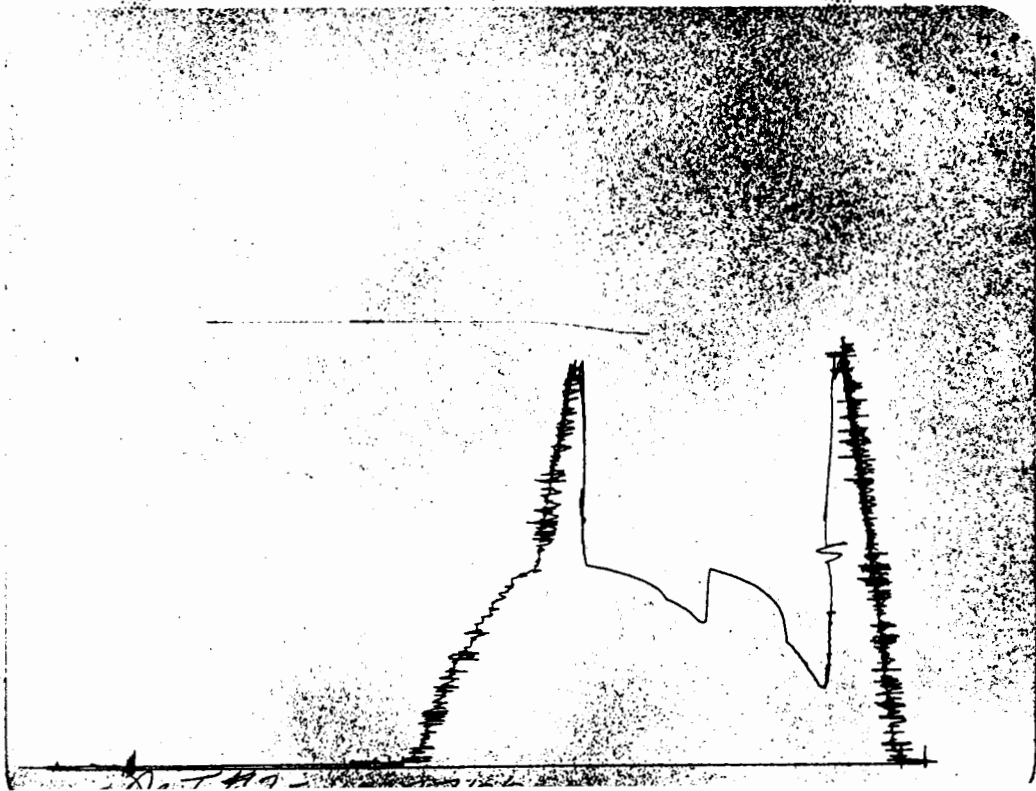
Recorder No. 13810 Clock Range 12 hr. Blow _____
 Depth 3775 Initial Flow Strong blow gas to surface in
13 min. Not enough to gauge.
 Initial Hydro Mud Press. 1847
 Initial Flow Press. 357-580
 Initial Shut-in Press. 894 Final Flow _____
 Final Flow Press. 670-759 Strong blow throughout
 Final Shut-in Press. 939
 Final Hydro Mud Press. 1802
 Temperature 111° Initial Flow 30 Mins.
 Mud Weight 9.2 Viscosity 60 Initial Shut-in 60 Mins.
 Fluid Loss 11.2 Final Flow 30 Mins.
 Interval Tested 3765-3775 10 ft. anchor Final Shut-in 60 Mins.
 Top Packer Depth 3760 Surface Choke Size 1/2
 Bottom Packer Depth 3765 Bottom Choke Size 1/2
 Total Depth 3775 Main Hole Size 7 7/8
 Drill Pipe Size 4 1/2 X H Wt. _____ Rubber Size 6 3/4
 Drill Collar I.D. _____ Ft. Run _____
 Recovery—Total Feet 1830
 Recovered 504 Feet Of Clean gasy oil
 Recovered 1323 Feet Of Water 49,000 ppm chlorides
 Recovered _____ Feet Of _____
 Recovered _____ Feet Of _____

Remarks _____

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 Owner, Operator or his Agent





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DRILL-STEM TEST DATA

Well Name	C J & M	Test No.	3
Well Number	1	Zone Tested	Arbuckle
Company	Jay Boy Oil, Inc.	Date	6-20-90
Comp. Rep.	Ken Greenwood	Tester	Greg Saffa
Contractor	Allen Drilling Co. Rig 3	Ticket No.	2767
Location	Sec, 25, Twp. 20, Rg. 16 Pawnee Co.	Elevation	2052 KB

Recorder No. 13810 Clock Range 12 hr Blow _____

Depth 3792 Initial Flow Strong blow gas to surface in
30 min. Too small to gauge.

Initial Hydro Mud Press. 1893

Initial Flow Press. 267-670

Initial Shut-in Press. 1164 Final Flow Strong blow throughout

Final Flow Press. 759-903

Final Shut-in Press. 1164

Final Hydro Mud Press. 1802

Temperature 112° Initial Flow 30 Mins.

Mud Weight 9.2 Viscosity 60 Initial Shut-in 60 Mins.

Fluid Loss 11.2 Final Flow 30 Mins.

Interval Tested 3780-3792 12 ft. anchor Final Shut-in 60 Mins.

Top Packer Depth 3775 Surface Choke Size 1/2

Bottom Packer Depth 3780 Bottom Choke Size 1/2

Total Depth 3792 Main Hole Size 7 7/8

Drill Pipe Size 4 1/2 X H Wt. _____ Rubber Size 6 3/4

Drill Collar I.D. _____ Ft. Run _____

Recovery—Total Feet 2460

Recovered 470 Feet Of Clean Gasy Oil

Recovered 1990 Feet Of Salt water 50,000 ppm chlorides

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Remarks

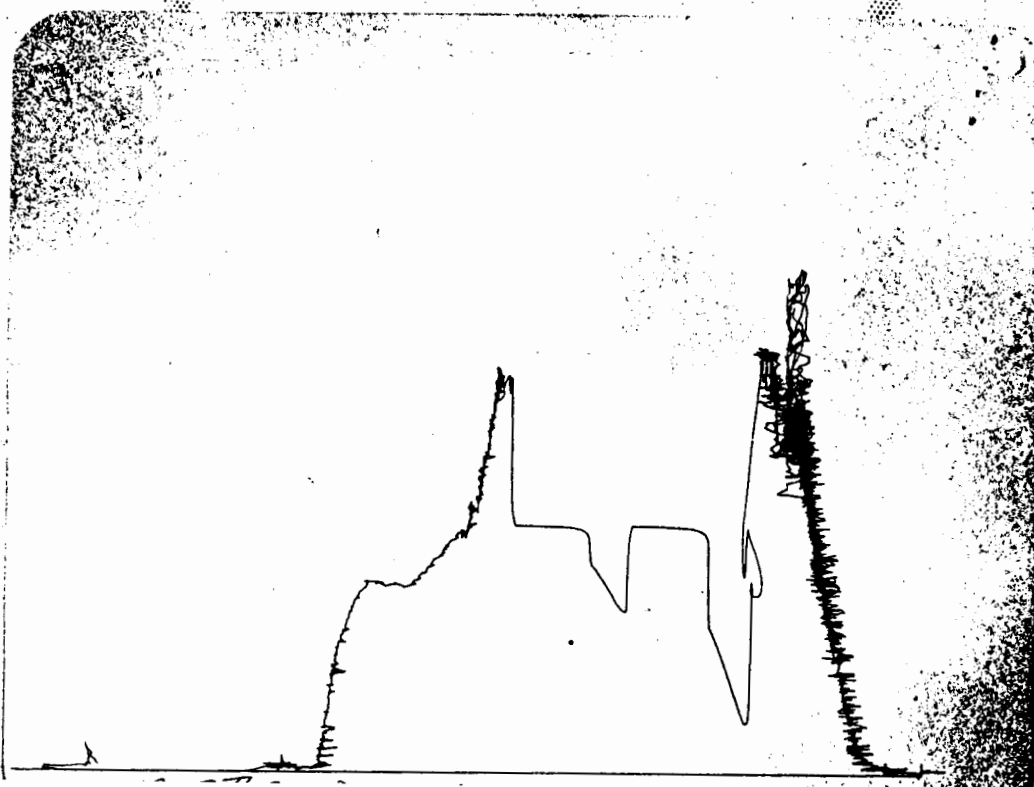
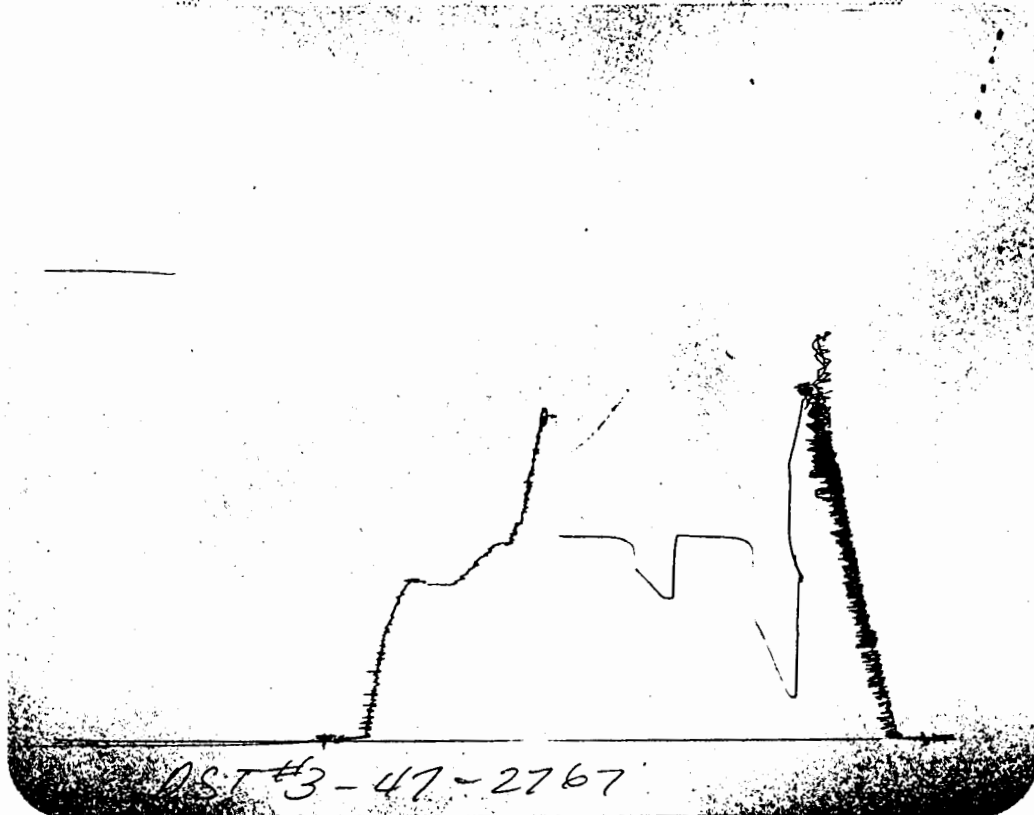
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DRILL-STEM TEST DATA

Well Name	C J & M	Test No.	4
Well Number	1	Zone Tested	Arbuckle
Company	Jay Boy Oil, Inc.	Date	6-20-90
Comp. Rep.	Ken Greenwood	Tester	Greg Saffa
Contractor	Allen Drilling Co. Rig 3	Ticket No.	2768
Location	Sec. 25, Twp. 20, Rg. 16 Pawnee Co.	Elevation	2052 KB

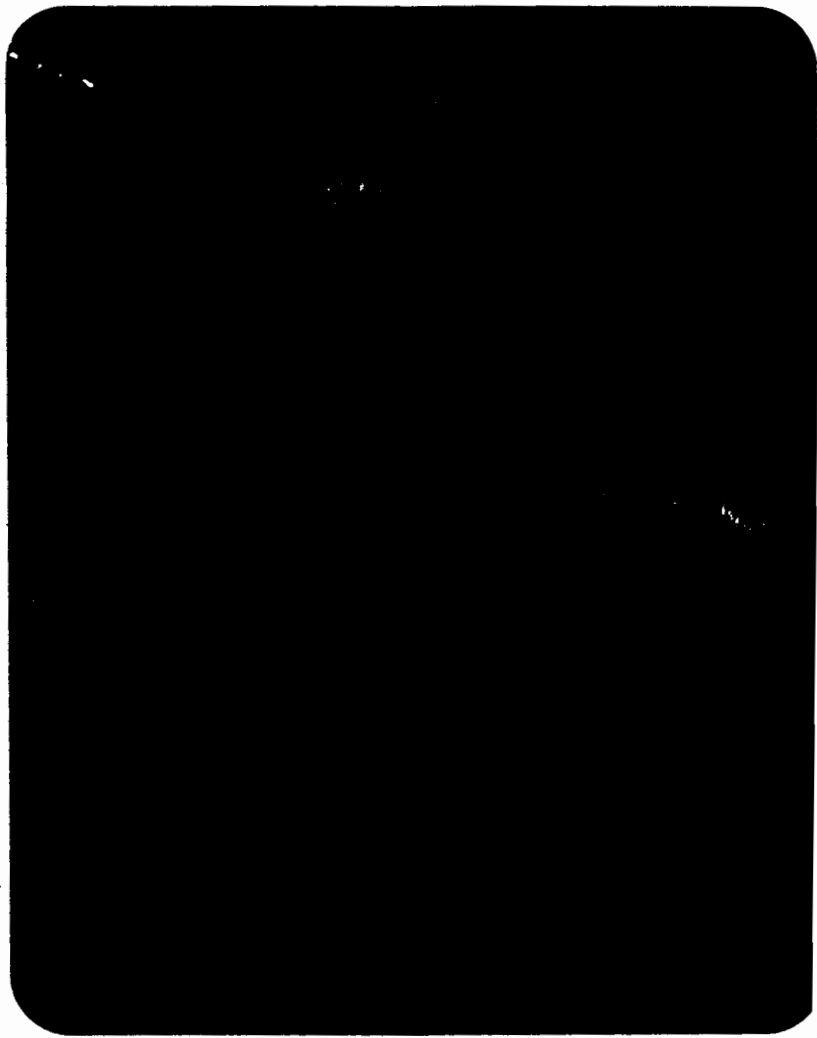
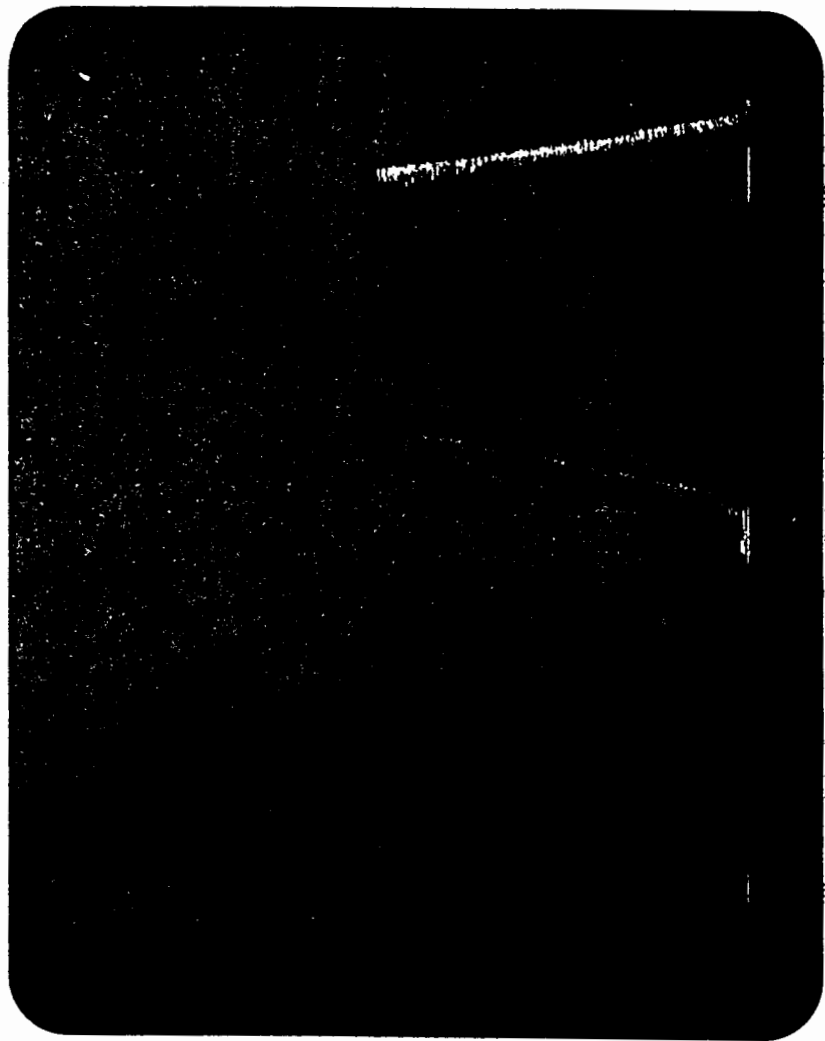
Recorder No. 13810 Clock Range 12 hr Blow _____
 Depth 3792 Initial Flow Strong blow off bottom bucket in 5 min.
 Initial Hydro Mud Press. 1802
 Initial Flow Press. 89-107
 Initial Shut-in Press. 1164 Final Flow Strong blow throughout
 Final Flow Press. 133-151
 Final Shut-in Press. 1164
 Final Hydro Mud Press. 1710
 Temperature 112° Initial Flow 30 Mins.
 Mud Weight 9.2 Viscosity 60 Initial Shut-in 60 Mins.
 Fluid Loss 11.2 Final Flow 30 Mins.
 Interval Tested 3796-3805 9 ft. anchor Final Shut-in 60 Mins.
 Top Packer Depth 3791 Surface Choke Size 1/2
 Bottom Packer Depth 3796 Bottom Choke Size 1/2
 Total Depth 3805 Main Hole Size 7 7/8
 Drill Pipe Size 4 1/2 X H Wt. _____ Rubber Size 6 3/4
 Drill Collar I.D. _____ Ft. Run _____
 Recovery—Total Feet 310
 Recovered 2360 Feet Of Gas in pipe
 Recovered 248 Feet Of Clean gasy oil
 Recovered 62 Feet Of Salt water 47,000 ppm chlorides
 Recovered _____ Feet Of _____
 Remarks _____

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DST #4



CROWN TESTING CO. COMPANY
 224 E. DOUGLAS, SUITE 530
 WICHITA, KS 67202

DRILL-STEM TEST DATA

Well Name	C J & M	Test No.	5
Well Number	1	Zone Tested	Arbuckle
Company	Jay Boy Oil, Inc.	Date	6-21-90
Comp. Rep.	Ken Greenwood	Tester	Greg Saffa
Contractor	Allen Drilling Co. Rig 3	Ticket No.	2769
Location	Sec. 25, Twp. 20, Rg. 16 Pawnee Co.	Elevation	2052 KB

Recorder No. 13810 Clock Range 12 hr. Blow _____

Depth 3815 Initial Flow Strong blow off bottom bucket in 5 min.

Initial Hydro Mud Press. 1939

Initial Flow Press. 62-62

Initial Shut-in Press. 1164 Final Flow Strong blow

Final Flow Press. 89-89

Final Shut-in Press. 1164

Final Hydro Mud Press. 1893

Temperature 112° Initial Flow 30 Mins.

Mud Weight 9.2 Viscosity 60 Initial Shut-in 60 Mins.

Fluid Loss 11.2 Final Flow 30 Mins.

Interval Tested 3806-3815 9 ft. anchor Final Shut-in 60 Mins.

Top Packer Depth 3801 Surface Choke Size 1/2

Bottom Packer Depth 3806 Bottom Choke Size 1/2

Total Depth 3815 Main Hole Size 7 7/8

Drill Pipe Size 4 1/2 X H Wt. _____ Rubber Size 6 3/4

Drill Collar I.D. _____ Ft. Run _____

Recovery—Total Feet 125

Recovered 20 Feet Of Clean gasy oil

Recovered 105 Feet Of Salt water 47,000 ppm chlorides

Recovered 124 Feet Of Gas in pipe

Recovered _____ Feet Of _____

Remarks _____

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DST # 5

