

15-039-20617-0000

STATE OF KANSAS  
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to  
Conservation Division  
State Corporation Comm.  
245 North Water  
Wichita, KS 67202

Decatur County, Sec. 23 Twp. 1S Rge. 26 ~~XX~~W  
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines  
NW NW NE

Lease Owner Advantage Resources  
Lease Name ROSS Well No. 2-23  
Office Address 1940 Colorado Bank Bldg., 1600 Broadway  
Character of Well (Completed as Oil, Gas or Dry Hole) Dry Hole

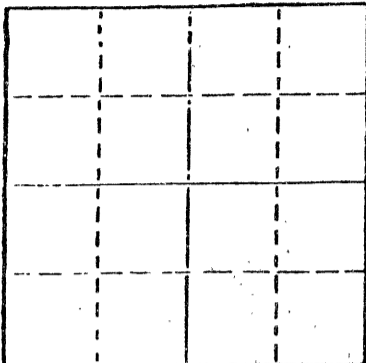
Date Well completed 11-11-81 19  
Application for plugging filed 11-11-81 19  
Application for plugging approved 11-11-81 19  
Plugging commenced 11-11-81 19  
Plugging completed 11-11-81 19

Reason for abandonment of well or producing formation  
Dry Hole

If a producing well is abandoned, date of last production  
19

Was permission obtained from the Conservation Division or  
its agents before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well Carl Goodrow  
Producing formation \_\_\_\_\_ Depth to top \_\_\_\_\_ Bottom \_\_\_\_\_ Total Depth of Well 13518  
Show depth and thickness of all water, oil and gas formations.



Locate well correctly on above  
Section Plat

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
surface				8-5/8	130	none

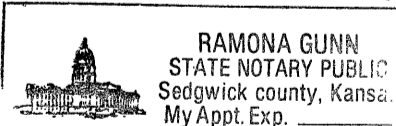
Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hold. If cement or other plugs were used, state the character of same and depth placed, from \_\_\_\_\_ feet to \_\_\_\_\_ feet for each plug set.

1st plug @ 808' w/80 sx  
2nd plug @ 130' w/30 sx  
3rd plug @ 40' w/10 sx  
10 sx in rat hole

RECEIVED  
STATE CORPORATION COMMISSION  
NOV 30 11-30-81  
CONSERVATION DIVISION  
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)  
Name of Plugging Contractor Murfin Drilling Company

STATE OF Kansas COUNTY OF Sedgwick  
David L. Murfin, Drlg. Mgr. (employee of owner) or (owner or operator)  
of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.



(Signature) David L. Murfin  
David L. Murfin 617 Union Center Bldg.  
Wichita, KS 67202  
(Address)

SUBSCRIBED AND SWORN TO before me this 24th day of November, 19 81

My commission expires Jan. 25, 1984

Ramona Gunn Notary Public.

15-039-20617-00-00

# WELL LOG

COMPANY Advantage Resources, Inc.

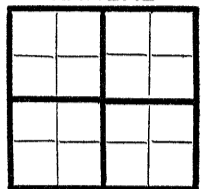
SEC. 23 T. 1S R. 26W  
LOC. NW NW NE

FARM Ross NO. 2-23

RIG. NO. 7  
TOTAL DEPTH 3518  
COMM. 11-5-81

COMP. 11-11-81

COUNTY Decatur  
KANSAS



CONTRACTOR Murfin Drilling Company

CASING	
20	10
15	8-5/8" @ 130' w/150 sx 60-40 Poz, 3% CC
12	6
13	5

ELEVATION

PRODUCTION


FIGURES INDICATE BOTTOM OF FORMATIONS

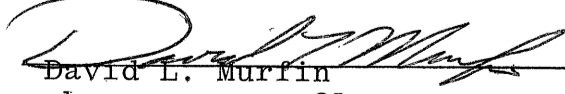
Surface Soil	90
Shale	130
Shale & Sand	1853
Anhydrite	2634
Shale & Limestone	2735
Shale	2905
Lime & Shale	RTD 3518

State of Kansas  
 County of Sedgwick } ss:

I, David L. Murfin, Drlg. Mgr. of the Murfin Drilling Company


upon oath state that the above and foregoing is a true and correct copy of the log of the Ross #2-23 well.

 **RAMONA GUNN**  
 STATE NOTARY PUBLIC  
 Sedgwick county, Kansas  
 My Appt. Exp. \_\_\_\_\_

  
David L. Murfin

Subscribed and sworn to before me this 23rd day of November 19 81

My Commission Expires: Jan. 25, 1984

  
Ramona Gunn NOTARY PUBLIC

RECEIVED  
 STATE CORPORATION COMMISSION  
 11-30-81  
 NOV 30 1981  
 CONSERVATION DIVISION  
 Wichita, Kansas

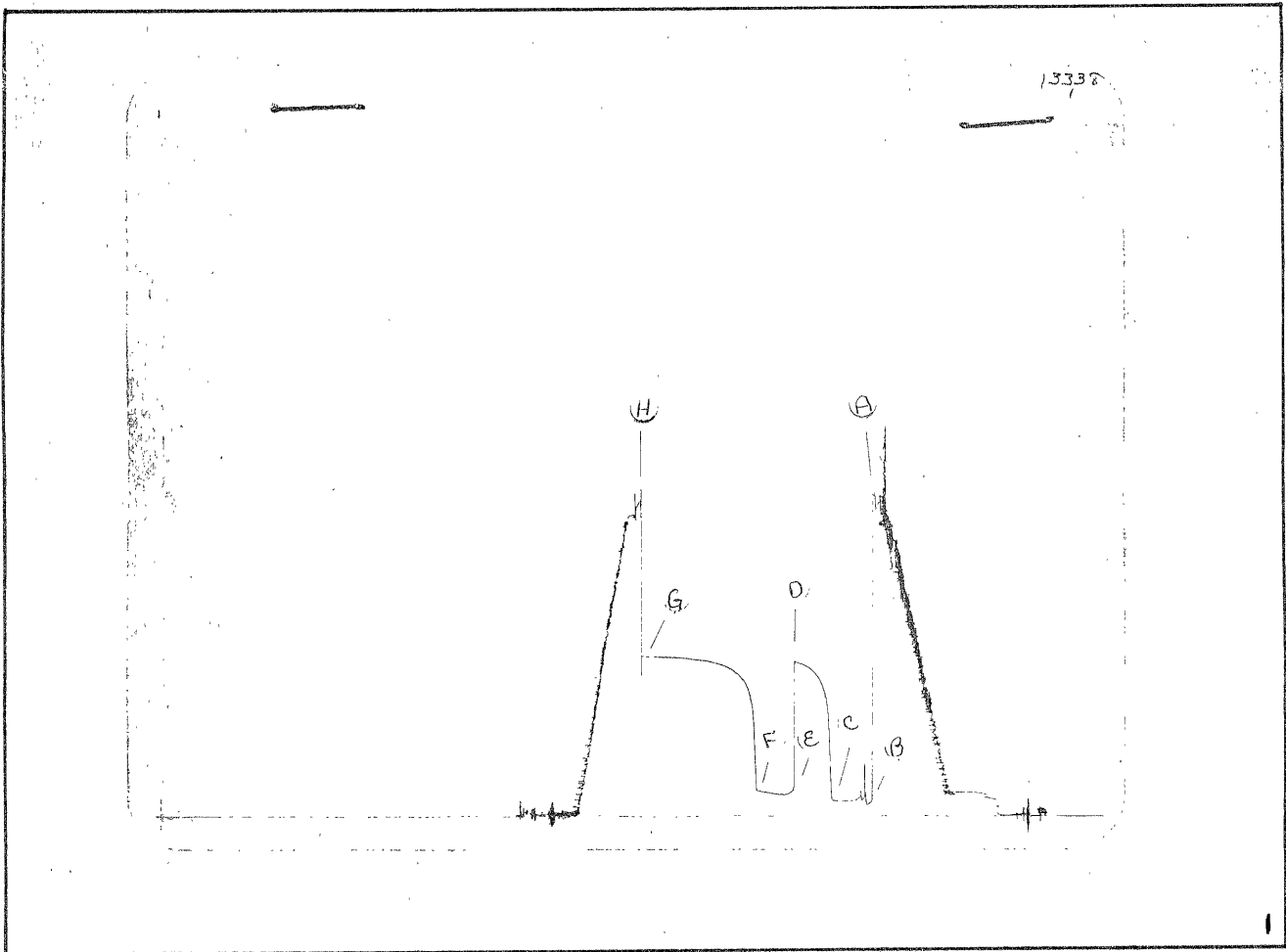
# PRINTZ TESTING COMPANY

P.O. BOX 596      McCOOK, NEBRASKA 69001      308-345-1862

## DRILL-STEM TEST DATA

Company <u>Advantage Resources Inc</u>	Test No. <u>1</u>
Well Name & Number <u>Ross #2-23</u>	Zone Tested <u>Pollonow</u>
Company Address <u>1600 Broadway Suite 1940 Denver Colo 80202</u>	Date <u>11-9-81</u>
Comp. Rep. <u>Ric Morgan</u>	Tester <u>Marvin Printz</u>
Contractor <u>Murfin Drlg Rig #7</u>	Elevation <u>2385 KB</u>
Location: Sec. <u>23</u> Twp. <u>1S</u> Rge. <u>26W</u> Co. <u>Decatur</u> State <u>KS</u>	Est. Feet of Pay <u>-</u>

Recorder No. <u>13338</u> Type <u>Kuster</u> Range <u>4000</u> PSI	Recorder No. <u>5497</u> Type <u>Kuster</u> Range <u>3850</u> PSI
Recorder Depth <u>3223</u>	Recorder Depth <u>3227</u>
(A) Initial Hydrostatic Mud <u>1691</u> PSI	Tool Open Before I.S.I. <u>30</u> Mins.
(B) First Initial Flow Pressure <u>70</u> PSI	Initial Shut-in <u>30</u> Mins.
(C) First Final Flow Pressure <u>90</u> PSI	Flow Period <u>30</u> Mins.
(D) Initial Closed-in Pressure <u>836</u> PSI	Final Shut-in <u>90</u> Mins.
(E) Second Initial Flow Pressure <u>110</u> PSI	Surface Choke Size <u>1"</u>
(F) Second Final Flow Pressure <u>130</u> PSI	Bottom Choke Size <u>3/4"</u>
(G) Final Closed-in Pressure <u>866</u> PSI	Main Hole Size <u>7 7/8"</u>
(H) Final Hydrostatic Mud <u>1671</u> PSI	Rubber Size <u>6 3/4"</u>
Temperature <u>92</u>	Tool Open at <u>6:06 A.M.</u>
Mud Weight <u>9.5</u> Viscosity <u>51</u>	Blow <u>Weak Building to 12"</u>
Fluid Loss <u>10.0</u>	Remarks <u>F.F. - Weak Building to 6"</u>
Interval Tested <u>3206-3230</u>	
Anchor Length <u>24'</u>	
Top Packer Depth <u>3201</u>	
Bottom Packer Depth <u>3206</u>	
Total Depth <u>3230</u>	Drill Collar I.D. <u>2.25</u> Ft. Run <u>225</u>
Drill Pipe Size <u>4 1/2 FH</u>	
Wt. Pipe I.D. <u>2.7</u> Ft. Run <u>891</u>	
Recovery—Total Feet <u>250</u>	
Recovered <u>10</u> Feet Of <u>SOC Thin Mud</u>	
Recovered <u>240</u> Feet Of <u>Oil Spotted SW</u>	
Recovered _____ Feet Of _____	
Recovered _____ Feet Of _____	
Extra Equipment <u>Open Hole Insurance</u>	Price of Job <u>\$690.00</u>



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud.....	1691	1695.2	PSI
(B) First Initial Flow Pressure.....	70	88.3	PSI
(C) First Final Flow Pressure.....	90	88.3	PSI
(D) Initial Closed-in Pressure.....	836	836.0	PSI
(E) Second Initial Flow Pressure.....	110	144.5	PSI
(F) Second Final Flow Pressure.....	130	136.5	PSI
(G) Final Closed-in Pressure.....	866	862.3	PSI
(H) Final Hydrostatic Mud.....	1671	1681.2	PSI



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## DRILL-STEM TEST DATA

Company <u>Advantage Resources Inc</u>	Test No. <u>2</u>
Well Name & Number <u>Ross #2-23</u>	Zone Tested <u>B Zone LKC</u>
Company Address <u>1600 Broadway Suite 1940 Denver, Colo 80202</u>	Date <u>11-9-81</u>
Comp. Rep. <u>Ric Morgan</u>	Tester <u>Marvin Printz</u>
Contractor <u>Murfin Drlg Rig #7</u>	Elevation <u>2385 KB</u>
Location: Sec. <u>23</u> Twp. <u>1S</u> Rge. <u>26W</u> Co. <u>Decatur</u> State <u>KS</u>	Est. Feet of Pay <u>-</u>

Recorder No. 13338 Type Kuster Range 4000 PSI

Recorder Depth 3248

(A) Initial Hydrostatic Mud 1721 PSI

(B) First Initial Flow Pressure 80 PSI

(C) First Final Flow Pressure 160 PSI

(D) Initial Closed-in Pressure 1129 PSI

(E) Second Initial Flow Pressure 190 PSI

(F) Second Final Flow Pressure 240 PSI

(G) Final Closed-in Pressure 1129 PSI

(H) Final Hydrostatic Mud 1691 PSI

Temperature 94

Mud Weight 9.6 Viscosity 45

Fluid Loss 8.0

Interval Tested 3227-3255

Anchor Length 28'

Top Packer Depth 3222

Bottom Packer Depth 3227

Total Depth 3255

Drill Pipe Size 4 1/2 FH

Wt. Pipe I.D. 2.7 Ft. Run 891

Recovery—Total Feet 450

Recovered 30 Feet Of Watery Mud

Recovered 420 Feet Of MSW With Few Oil Spots

Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

Extra Equipment None

Recorder No. 5497 Type Kuster Range 3850 PSI

Recorder Depth 3252

Tool Open Before I.S.I. 30 Mins.

Initial Shut-in 30 Mins.

Flow Period 30 Mins.

Final Shut-in 90 Mins.

Surface Choke Size 1"

Bottom Choke Size 3/4"

Main Hole Size 7 7/8"

Rubber Size 6 3/4"

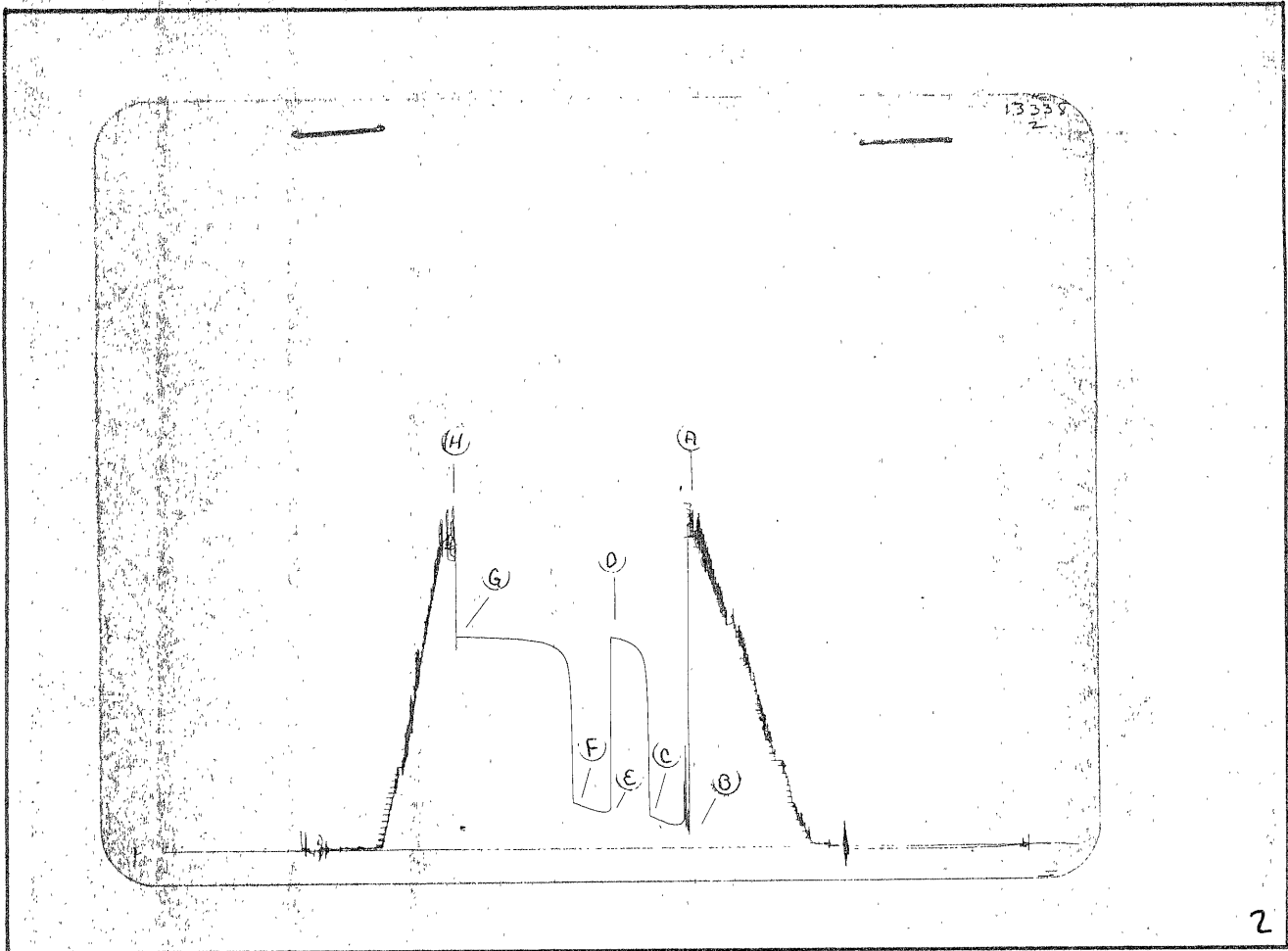
Tool Open at 7:12 P.M

Blow Blow off BTM Bucket in 15 Min

Remarks F.F. -- Blow off BTM in 20 Min

Drill Collar I.D. 2.25 Ft. Run 225

Price of Job \$630.00



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud.....	1721	1717.1	PSI
(B) First Initial Flow Pressure.....	80	78.3	PSI
(C) First Final Flow Pressure.....	160	158.6	PSI
(D) Initial Closed-in Pressure.....	1129	1122.9	PSI
(E) Second Initial Flow Pressure.....	190	200.8	PSI
(F) Second Final Flow Pressure.....	240	238.9	PSI
(G) Final Closed-in Pressure.....	1129	1127.0	PSI
(H) Final Hydrostatic Mud.....	1691	1693.2	PSI

# PRINTZ TESTING COMPANY

P.O. BOX 596      McCOOK, NEBRASKA 69001      308-345-1862

## DRILL-STEM TEST DATA

Company <u>Advantage Resources Inc</u>	Test No. <u>3</u>
Well Name & Number <u>Ross #2-23</u>	Zone Tested <u>F Zone LKC</u>
Company Address <u>1600 Broadway Suite 1940 Denver, Colo 80202</u>	Date <u>11-10-81</u>
Comp. Rep. <u>Ric Morgan</u>	Tester <u>Marvin Printz</u>
Contractor <u>Murfin Drlg Rig #7</u>	Elevation <u>2385 KB</u>
Location: Sec. <u>23</u> Twp. <u>1S</u> Rge. <u>26W</u> Co. <u>Decatur</u> State <u>KS</u>	Est. Feet of Pay <u>-</u>

Recorder No. 13338 Type Kuster Range 4000 PSI  
 Recorder Depth 3378  
 (A) Initial Hydrostatic Mud 1780 PSI  
 (B) First Initial Flow Pressure 50 PSI  
 (C) First Final Flow Pressure 50 PSI  
 (D) Initial Closed-in Pressure 60 PSI  
 (E) Second Initial Flow Pressure 40 PSI  
 (F) Second Final Flow Pressure 40 PSI  
 (G) Final Closed-in Pressure 60 PSI  
 (H) Final Hydrostatic Mud 1770 PSI  
 Temperature 96

Mud Weight 9.2 Viscosity 42  
 Fluid Loss 8.0

Interval Tested 3351-3385  
 Anchor Length 34'

Top Packer Depth 3346  
 Bottom Packer Depth 3351  
 Total Depth 3385

Drill Pipe Size 4 1/2 FH  
 Wt. Pipe I.D. 2.7 Ft. Run 891

Recovery—Total Feet 2  
 Recovered 2 Feet Of MUD

Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

Extra Equipment None

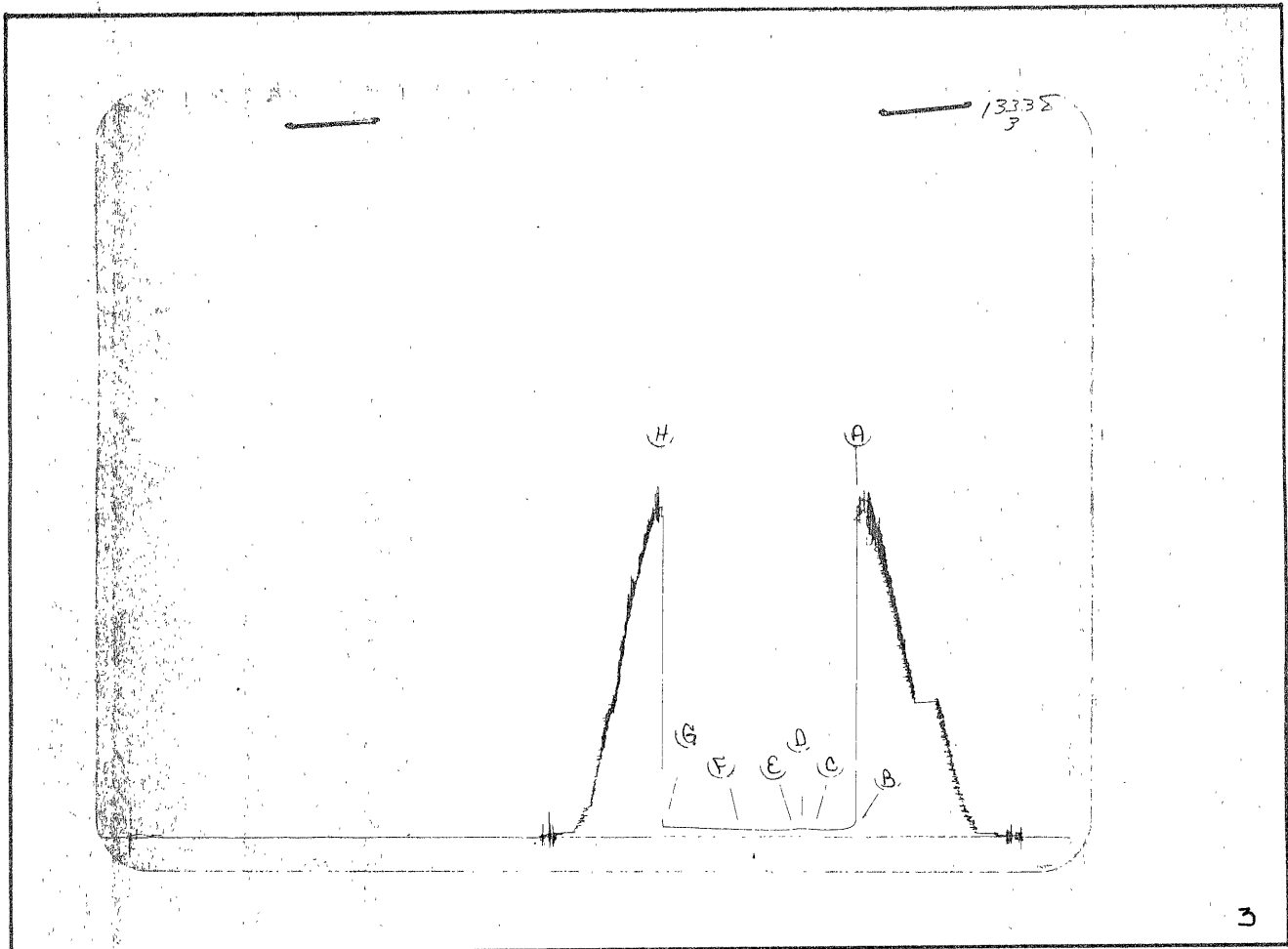
Recorder No. 5497 Type Kuster Range 3850 PSI  
 Recorder Depth 3382  
 Tool Open Before I.S.I. 15 Mins.  
 Initial Shut-in 30 Mins.  
 Flow Period 15 Mins.  
 Final Shut-in 90 Mins.  
 Surface Choke Size 1"  
 Bottom Choke Size 3/4"  
 Main Hole Size 7 7/8"  
 Rubber Size 6 3/4"  
 Tool Open at 10:30 A.M.

Blow 5 Min Weak Blow  
 Remarks F.F. - No Blow

Drill Collar I.D. 2.25 Ft. Run 225

Price of Job \$630.00





This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud.....	1780	PSI
(B) First Initial Flow Pressure.....	50	PSI
(C) First Final Flow Pressure.....	50	PSI
(D) Initial Closed-in Pressure.....	60	PSI
(E) Second Initial Flow Pressure.....	40	PSI
(F) Second Final Flow Pressure.....	40	PSI
(G) Final Closed-in Pressure.....	60	PSI
(H) Final Hydrostatic Mud.....	1770	PSI

# PRINTZ TESTING COMPANY

P.O. BOX 596

McCOOK, NEBRASKA 69001

308-345-1862

## DRILL-STEM TEST DATA

Company <u>Advantage Resources Inc</u>	Test No. <u>4</u>
Well Name & Number <u>Ross #-2-23</u>	Zone Tested <u>Basal Sand</u>
Company Address <u>1600 Broadway Suite 1940 Denver, Colo 80202</u>	Date <u>11-10-81</u>
Comp. Rep. <u>Ric Morgan</u>	Tester <u>Marvin Printz</u>
Contractor <u>Murfin Drlg Rig #7</u>	Elevation <u>2385 KB</u>
Location: Sec. <u>23</u> Twp. <u>1S</u> Rge. <u>26W</u> Co. <u>Decatur</u> State <u>KS</u>	Est. Feet of Pay <u>-</u>

Recorder No. 13338 Type Kuster Range 4000 PSI

Recorder No. 5497 Type Kuster Range 3850 PSI

Recorder Depth 3483

Recorder Depth 3487

(A) Initial Hydrostatic Mud 1860 PSI

Tool Open Before I.S.I. 30 Mins.

(B) First Initial Flow Pressure 50 PSI

Initial Shut-in 30 Mins.

(C) First Final Flow Pressure 50 PSI

Flow Period 30 Mins.

(D) Initial Closed-in Pressure 532 PSI

Final Shut-in 90 Mins.

(E) Second Initial Flow Pressure 80 PSI

Surface Choke Size 1"

(F) Second Final Flow Pressure - PSI

Bottom Choke Size 3/4"

(G) Final Closed-in Pressure 704 PSI

Main Hole Size 7 7/8"

(H) Final Hydrostatic Mud 1810 PSI

Rubber Size 6 3/4"

Temperature 96

Tool Open at 12:07 A.M.

Mud Weight 9.7 Viscosity 45

Blow Weak Decreasing Blow

Fluid Loss 8.0

Remarks F.F. - No Blow

Interval Tested 3461-3490

Anchor Length 29'

Top Packer Depth 3456

Bottom Packer Depth 3461

Total Depth 3490

Drill Collar I.D. 2.25 Ft. Run 225

Drill Pipe Size 4 1/2 FH

Wt. Pipe I.D. 2.7 Ft. Run 891

Recovery—Total Feet 15

Recovered 15 Feet Of MUD

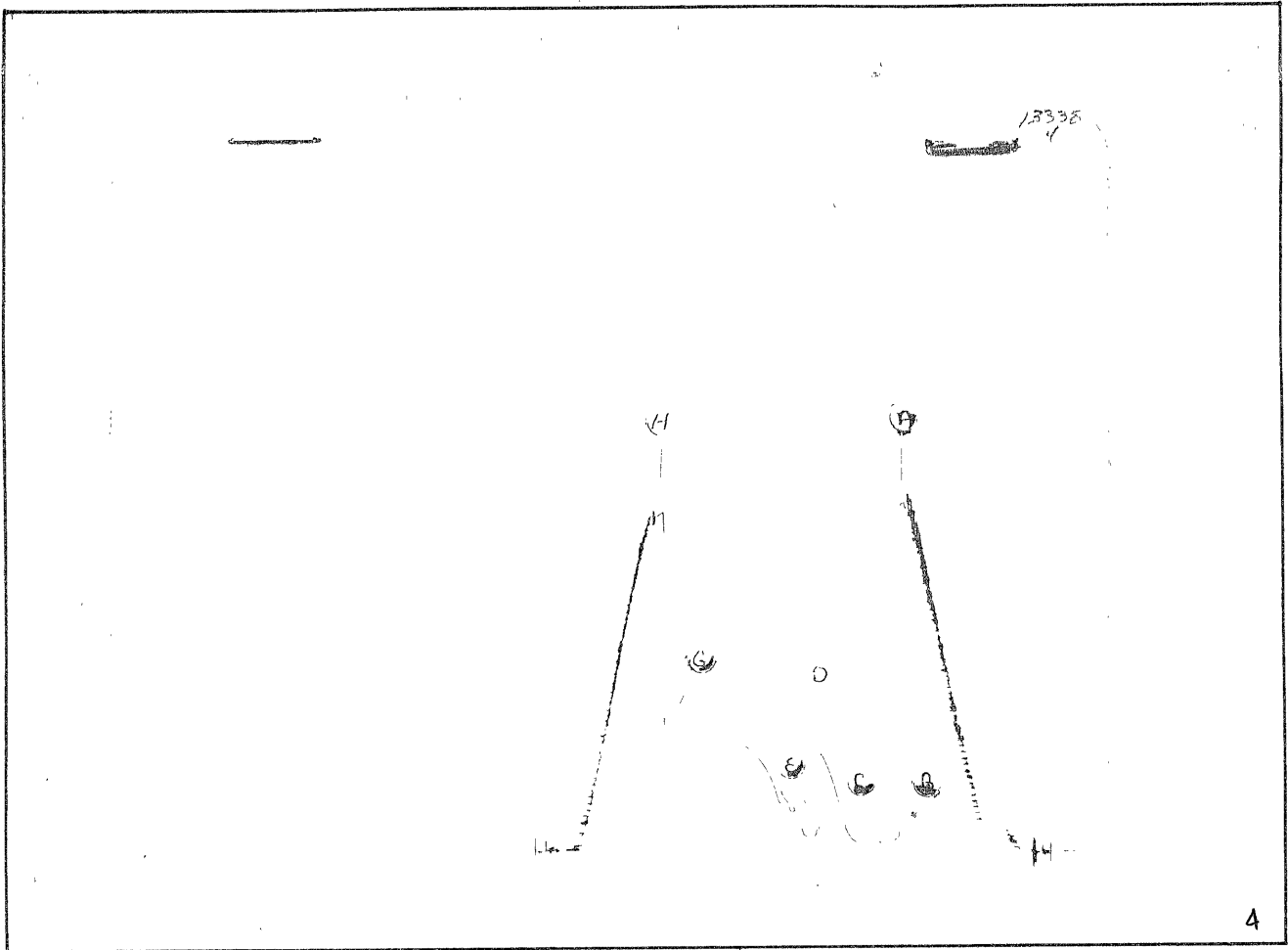
Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

Extra Equipment None

Price of Job \$630.00



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud.....	1860	1866.5	PSI
(B) First Initial Flow Pressure.....	50	80.3	PSI
(C) First Final Flow Pressure.....	50	60.2	PSI
(D) Initial Closed-in Pressure.....	532	504.0	PSI
(E) Second Initial Flow Pressure.....	80	114.4	PSI
(F) Second Final Flow Pressure.....	-	-	PSI
(G) Final Closed-in Pressure.....	704	706.4	PSI
(H) Final Hydrostatic Mud.....	1810	1818.7	PSI

INITIAL RUN		INITIAL CLOSURE		FINAL CLOSURE		INITIAL CLOSURE	
6 INCH. OF 5 FEET	INCH. OF	10 INCH. OF 3 FEET	INCH. OF	6 INCH. OF 5 FEET	INCH. OF	29 INCH. OF 3 FEET	INCH. OF
0	80.3	0	50.2	0	114.4	0	301.2
5	56.2	3	52.2	5	80.3	3	275.1
10	48.1	6	60.2	10	80.3	6	327.3
15	46.1	9	88.3	15	110.4	9	385.5
20	46.1	12	134.5	20	208.8*	12	429.7
25	44.1	15	318.8	25	234.9*	15	461.8
30	60.2	18	291.1	30	301.2*	18	489.9
		21	361.4			21	534.4
		24	425.7			24	552.6
		27	481.9			27	568.8
		30	504.0			30	585.0
IHP	1866.5					33	595.1
FHP	1818.7					36	607.2
*	Plugging Action					39	617.4
						42	627.5
						45	633.6
						48	641.7
						51	647.7
						54	655.8
						57	663.8
						60	670.0
						63	674.0
						66	678.1
						69	682.1
						72	684.2
						75	690.2
						78	696.3
						81	696.3
						84	700.4
						87	706.4
						90	706.4