

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License# 31415
Name: HS Resources, Inc.
Address: 1999 Broadway, #3600
City/State/Zip: Denver, CO 80202
Purchaser: N/A
Operator Contact Person: Richard Frazey
Phone: (303) 296-3600
Contractor Name: Cheyenne Drilling Inc.
License: 5382
Wellsite Geologist: R.G. Osterbuhr
Designate Type of Completion:
X New Well Re-Entry Workover
SWD SIOW Temp Abd
Gas ENHR X SIGW
Dry Other (Core, WSW, Expl, Cathodic, Etc).

If Workover:
Operator: NA
Well Name: NA
Comp. Date: NA Old Total Depth: NA
Deepening Re-perf. Conv. to Inj/SWD
Plug Back PBTB
Commingled Docket No.
Dual Completion Docket No.
Other (SWD or Inj?) Docket No.
04-30-94 05-04-94 06-21-94
Spud Date Date Reached TD Completion Date

API No. 15- 203-20,107 - 0000
County: Wichita
SW - SW - - Sec 31 Twp. 18S Rge 38W

660 Feet from S/N (circle one) Line of Section
800 Feet from E/W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
Lease Name: HSR-Lobmeyer Well # 13-31
Field Name: N/A
Producing Formation: N/A
Elevation: Ground 3457' KB: 3470'
Total Depth: 3170' PBTD: NA

Amount of Surface Pipe Set and Cemented at 10 jts @ 448 Feet
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set N/A Feet
If Alternate II completion, cement circulated from N/A
feet depth to N/A w/ N/A sx cmt.

Drilling Fluid Management Plan ALT 2 JH 10-26-95
(Data must be collected from the Reserve Pit)

Chloride content ppm Fluid volume bbls.
Dewatering method used
Location of fluid disposal if hauled offsite:
Operator Name
Lease Name License No.
Quarter Sec. Twp S. Rng. E/W
County Docket No.

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). **One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED.** Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: *Richard E. Frazey*
Title: Landman
Subscribed and sworn to before me this 15th day of December 19 94
Notary Public: *Jo Ann Kubler*
Date Commission Expires: September 10, 1997

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
KCC SWD/Rep NGPA
KGS Plug Other
(Specify)

DEC 20 1994
12-20-94
WICHITA, KANSAS

SIDE TWO

Operator Name HS Resources, Inc. Lease Name HSR-Lobmeyer Well # 13-31
 Sec. 31 Twp. 18S Rge. 38W County Wichita

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets) **See Attached DST #1**

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run (Submit Copy) Yes No

List All E. Logs Run:

Array Induction Shallow Focused Log
 Compensated Long Space Sonic Integrated Transit Time
 Compensated Neutron Compensated Photo Density Log

<input checked="" type="checkbox"/> Log	Formation (Top), Depth & Datums	Sample
Name	Top	Datum
Dakota	1020'	+2450'
Permian	1464'	+2006'
Blaine	1840'	+1630'
Stone Corral	2574'	+896'
Winfield	2909'	+561'
Towanda	2952'	+518'
Ft. Riley	2980'	+490'
Florence	3016'	+454'
Council Grove	3116'	+354'

CASING RECORD

New Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	# Sacks Used	Type & Percent Additives
Surface	12-1/4"	8-5/8"	24#	448'	60/40 poz	260	2% Gel, 3% CaCl2
Production	77/8"	5-1/2"	15.5#	3129'	65/35 poz	600	2% Cacl2, 6% gel, 1/4 pps D29
					"C"	105	2% Cacl, 1/4 pps D-29

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose	Depth	Type of Cement	# Sacks Used	Type & Percent Additives
	Top Bottom			
Perforate				
Protect Csg	NA	NA	NA	NA
Plug Back TD				
Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/ Type - Specify Footage of Each Interval Perfd	Acid, Fracture, Shot, Cement Squeeze Record (Amount & Kind of Material Used)	Depth
	4 SPF	2913'-2917' Winfield	

TUBING RECORD	Size 2-7/8"	Set At 3077'	Packer At NA	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. NA	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls NA	Gas Mcf NA	Water Bbls NA	Gas-Oil Ratio NA Gravity NA

Disposition of Gas: Vented Sold Used on Lease
 (If vented, submit ACO-18).

METHOD OF COMPLETION

Production Interval
 Open hole Perf Dually Comp.
 Commingled
 Other (Specify) _____

DRILLERS LOG

ORIGINAL

H.S. RESOURCES, INC.
LOBMEYER #13-31
SECTION 31-T28S-R38W
WICHITA COUNTY, KANSAS

API#15-203-20107-0000

COMMENCED: 04-30-94
COMPLETED: 05-05-94

SURFACE CASING: 435' OF 8 5/8"
CMTD W/260 SX 60/40 POZ, 3% C.C.,
1/4#/SX FLO-CELE

FORMATION	DEPTH
SURFACE HOLE	0- 450
SHALE	450-2530
SHALE & ANHYDRITE	2530-2898
SHALE	2898-3170 RTD

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

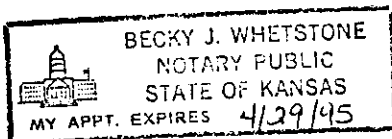
CHEYENNE DRILLING, INC.

Wray Valentine

WRAY VALENTINE

STATE OF KANSAS :ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 6TH DAY OF MAY, 1994.



Becky J. Whetstone
BECKY J. WHETSTONE, NOTARY PUBLIC

DEC 2 1994

TRILOBITE TESTING, L.L.C. ORIGINAL

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data API # 15-203-20107

Well Name HSR-LOBMEYER #13-31 Test No. 1 Date 5/4/94
 Company H.S. RESOURCES INC. Zone WINFIELD
 Address 216 16th ST-SWT #1400 DENVER CO 80202 Elevation 3470 KB
 Co. Rep./Geo. T. MATHER/R. OSTERBUHR Cont. CHEYENNE DRLG RIG #7 Est. Ft. of Pay _____
 Location: Sec. 31 Twp. 18S Rge. 38W Co. WICHITA State KS

Interval Tested <u>2897-2918</u>	Drill Pipe Size <u>4.5" XH</u>
Anchor Length <u>21</u>	Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth <u>2897</u>	Drill Collar - 2.25 Ft. Run <u>527</u>
Bottom Packer Depth <u>2918</u>	Mud Wt. <u>9.2</u> lb/Gal.
Total Depth <u>3170</u>	Viscosity <u>45</u> Filtrate <u>8.8</u>

Tool Open @ 11:05 PM Initial Blow CLOSED CHAMBER TEST
2 TO 3" IN WATER ON GAUGE
 Final Blow CLOSED CHAMBER TEST - 3 TO 4" IN WATER ON GAUGE
SLID TOOL 8 FT TO BOTTOM

Recovery - Total Feet 35 Flush Tool? NO

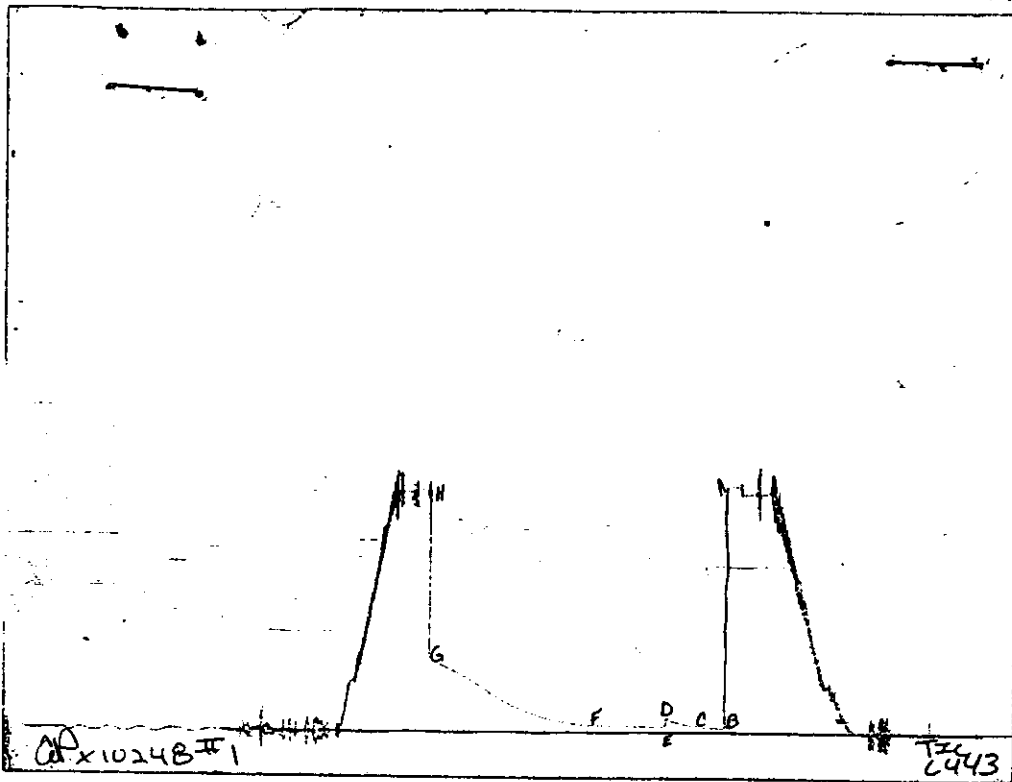
Rec. <u>35</u> Feet of <u>SLTLY GAS CUT MUD- 4% GAS/ 96% MUD</u>
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 100 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 MW 0.44 @ 65 °F Chlorides 25000 ppm Recovery Chlorides 22000 ppm System

Initial Hydrostatic Mud <u>1421.0</u> PSI	AK1 Recorder No. <u>13224</u> Range <u>4350</u>
First Initial Flow Pressure <u>26.4</u> PSI	@ (depth) <u>2908</u> w / Clock No. <u>27785</u>
First Final Flow Pressure <u>26.4</u> PSI	AK1 Recorder No. <u>10248</u> Range <u>4400</u>
Initial Shut-in Pressure <u>82.3</u> PSI	@ (depth) <u>2913</u> w / Clock No. <u>30410</u>
Second Initial Flow Pressure <u>31.1</u> PSI	AK1 Recorder No. <u>13788</u> Range <u>4650</u>
Second Final Flow Pressure <u>40.1</u> PSI	@ (depth) <u>3167</u> w / Clock No. <u>22993</u>
Final Shut-in Pressure <u>417.3</u> PSI	Initial Opening <u>12</u> Final Flow <u>60</u>
Initial Hydrostatic Mud <u>1396.9</u> PSI	Initial Shut-in <u>30</u> Final Shut-in <u>120</u>

Representative GARY PEVOTEAUX

WICHITA, KANSAS

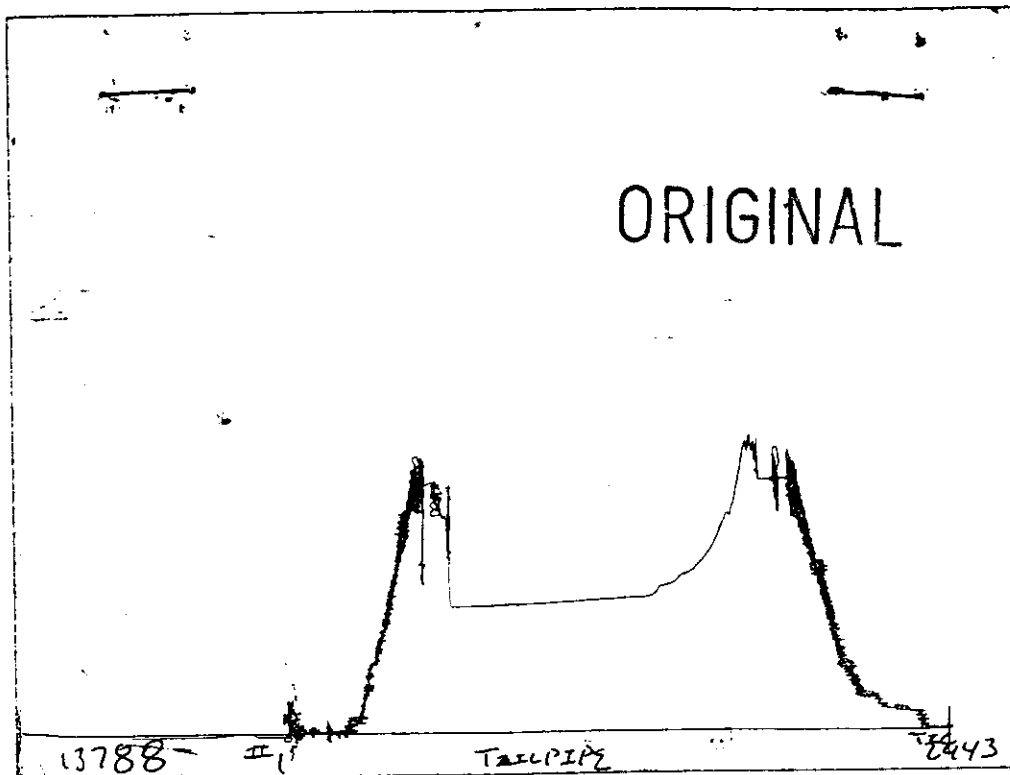


This is an actual photograph of recorder chart #10248

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1430	1421
(B) FIRST INITIAL FLOW PRESSURE	19	26.4
(C) FIRST FINAL FLOW PRESSURE	21	26.4
(D) INITIAL CLOSED-IN PRESSURE	85	82.3
(E) SECOND INITIAL FLOW PRESSURE	23	31.1
(F) SECOND FINAL FLOW PRESSURE	28	40.1
(G) FINAL CLOSED-IN PRESSURE	417	417.3
(H) FINAL HYDROSTATIC MUD	1395	1396.9

620%

10/11/50



This is an actual photograph of recorder chart # 13788

FIELD
READING

OFFICE
READING

- (A) INITIAL HYDROSTATIC MUD
- (B) FIRST INITIAL FLOW PRESSURE
- (C) FIRST FINAL FLOW PRESSURE
- (D) INITIAL CLOSED-IN PRESSURE
- (E) SECOND INITIAL FLOW PRESSURE
- (F) SECOND FINAL FLOW PRESSURE
- (G) FINAL CLOSED-IN PRESSURE
- (H) FINAL HYDROSTATIC MUD

SEC 8 1954

FLUID SAMPLER DATA

DEC 2 1994

Ticket No.: 6443 Date: 5/4/94
Company: H.S. RESOURCES INC.
Lease: HSR-LOBMEYER #13-31 Test No.: 1
County: WICHITA Sec.: 31 Twp.: 18S Rng.: 38W

SAMPLER RECOVERY

Gas TRACE
Oil
Mud 2800
Water
Other
Pressure 39
TOTAL 2800

PIT MUD ANALYSIS

Chlorides 22000
Resistivity 0.6 ohms@ 61 F
Viscosity 45
Mud Wt. 9.2
Filtrate 8.8
Other

SAMPLER ANALYSIS

Resistivity 0.44 ohms@ 65 F
Chlorides 25000 ppm.
Gravity corrected @60F

PIPE RECOVERY

TOP

Resistivity ohms@ F
Chlorides ppm

MIDDLE

Resistivity ohms@ F
Chlorides ppm

BOTTOM

Resistivity 0.44 ohms@ 65 F
Chlorides 25000 ppm

ORIGINAL

HSR-LOBMEYER
INITIAL

DST #1
SHUTIN
12 INITIAL FLOW TIME

SLOPE
P*

ORIGINAL

Log <>
Horn T PRESSURE

3	25.3	0.699	25.3
6	26.4	0.477	1.1
9	33.3	0.368	6.9
12	35.5	0.301	2.2
15	40.1	0.255	4.6
18	43.5	0.222	3.4
21	50.4	0.196	6.9
24	56.1	0.176	5.7
27	62.9	0.160	6.8
30	73.2	0.146	10.3
33	82.3	0.135	9.1

HSR-LOBMEYER
FINAL

DST #1
SHUTIN
72 TOTAL FLOW TIME

SLOPE
P*

PSI/CYCLE
PSI

Log <>
Horn T PRESSURE Horn T

6	48.1	1.114	48.1	13
12	56.1	0.845	8.0	7
18	61.8	0.699	5.7	5
24	68.6	0.602	6.8	4
30	81.1	0.531	12.5	3
36	93.6	0.477	12.5	3
42	109.5	0.434	15.9	3
48	125.4	0.398	15.9	3
54	148.1	0.368	22.7	2
60	168.4	0.342	20.3	2
66	193.2	0.320	24.8	2
72	221.4	0.301	28.2	2
78	248.4	0.284	27.0	2
84	277.6	0.269	29.2	2
90	306.8	0.255	29.2	2
96	335.8	0.243	29.0	2
102	356.0	0.232	20.2	2
108	379.4	0.222	23.4	2
114	398.4	0.213	19.0	2
120	417.3	0.204	18.9	2

INITIAL FLOW

ORIGINAL

RECORDER 10248

DST # 1

TIME(MIN) PRESSURE <> PRESSURE

0 26.4 26.4
3 21.8 -4.6
6 24.1 2.3
9 25.3 1.2
12 26.4 1.1

FINAL FLOW

RECORDER 10248

DST # 1

TIME(MIN) PRESSURE <> PRESSURE

0 31.1 31.1
3 31.1 0.0
6 32.1 1.0
9 32.1 0.0
12 33.3 1.2
15 33.3 0.0
18 34.4 1.1
21 35.5 1.1
24 36.7 1.2
27 37.8 1.1
30 37.8 0.0
33 37.8 0.0
36 37.8 0.0
39 37.8 0.0
42 39.0 1.2
45 39.0 0.0
48 39.0 0.0
51 39.0 0.0
54 40.1 1.1
57 40.1 0.0
60 40.1 0.0

Dowell

DOW244

REMIT TO:

P O BOX 890788
DALLAS TX 75389-0788

INVOICE

0312

INVOICE DATE
05/05/94
INVOICE NUMBER
03-12-6143
TYPE SERVICE
CEMENTING CEMENT PRODUCTION

923036
H.S. RESOURCES
3939 CARSON
EVANS

ORIGINAL

CO 80622

PAGE
1

TYPE SERVICE

CEMENTING
CEMENT PRODUCTION

WELL NAME / JOB SITE	STATE	COUNTY / CITY	SERVICE FROM LOCATION	SHIPPED VIA	CUSTOMER P.O. NO./REF.
HSR - LOBMEYER 13-31	KS	WICHITA	ULYSSES	DS	
LOCATION / PLANT ADDRESS			DATE OF SERVICE ORDER	CUSTOMER OR AUTHORIZED REPRESENTATIVE	
SEC 31-18S-38W			05/05/94	JOHN LOWRY	

ITEM CODE	DESCRIPTION	UOM	QTY	UNIT PRICE	AMOUNT
059200002	MILEAGE, ALL OTHER EQUIPMENT	MI	80	2.8000	224.00
059697000	PACR TREAT ANALYSIS RECORDER	JOB	1	150.0000	150.00
102871035	CSN CMNT 3001-3500' 1ST 8 HR	8HR	1	1,370.0000	1,370.00
049102000	TRANSPORTATION CMNT TOM MILE	MI	2665	.9400	2,505.10
049100000	SERVICE CHG CEMENT MATL LAND	CFT	782	1.2800	1,000.96
040003000	D903 , CEMENT CLASS C	CFT	495	8.7000	4,306.50
045000000	D035 , LITEPOZ 3 EXTENDER	CFT	210	4.2200	886.20
045014050	D20, BENTONITE EXTENDER	LBS	3132	.1600	501.12
067005100	S1,CALCIUM CHLORIDE	LBS	1250	.3900	487.50
044003025	D29, CELLOPHANE FLAKES	LBS	176	1.7000	299.20
100283000	D027, CHEMICAL WASH CW100	BBL	12	37.5000	450.00
067011000	M117, POTASSIUM CHLORIDE	LBS	150	.3000	45.00
050101054	SHOE CEM TYPE GUIDE 5-1/2"	EA	1	160.0000	160.00
053003054	INSERT ORIFICE FILL 5-1/2"	EA	1	250.0000	250.00
056011054	CENTR REG 5-1/2, B DIA-9"	EA	10	63.0000	630.00
056702054	PLUG CENG 5-1/2" TOP PLASTIC	EA	1	72.0000	72.00
056019054	RING STOP HINGE/BOLT 5-1/2"	EA	1	17.0000	17.00
056711054	CENTR DEF 5-1/2, B DIA 7-3/4"	EA	3	70.0000	210.00
048601000	CEMENT HEAD RENTAL	JOB	1	.0000	N/C
	DISCOUNT - MATERIAL				2,826.94-
	DISCOUNT - SERVICE				1,785.02-

EVN-ACCT INPUT MAY 25 1994

940940 222

SUB TOTAL -- 8,952.62

M C STATE TAX ON
H F C LOCAL TAX ON

7,140.95 349.91
7,140.95 71.41

AMOUNT DUE -- 9,373.94

Eddie Sam

Chad Parks

RECEIVED MAY 17 1994

EVN-ACCT-REC'D MAY 17 1994

WITH QUESTIONS CALL 316-356-1272

FEDERAL TAX ID # 38-239-7173

TERMS -- NET 30 DAYS DUE ON OR BEFORE JUN 04, 1994

THANK YOU. WE APPRECIATE YOUR BUSINESS.

John Bryant
J H BRYANT

** WE CAN INVOICE YOU VIA EDI. CALL (713)556-7675 FOR INFORMATION **