

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Shiloh
ORIGINAL

Operator: License # 32977
Name: Dorado Gas Resources, LLC
Address: 14550 E Easter Ave., Ste. 1000
City/State/Zip: Centennial, CO 80112
Purchaser: Seminole Energy
Operator Contact Person: Steven Tedesco
Phone: (303) 277-7016
Contractor Name: McGowan Drilling
License: 5786

API No. 15 - 133-26214-00-00
County: Neosho
NE NW Sec. 1 Twp. 27 S. R. 17 East West
1220 365 feet from S (N) (circle one) Line of Section
2058 2155 feet from E (W) (circle one) Line of Section

Wellsite Geologist: None
Designate Type of Completion:
 New Well Re-Entry Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE (NW) SW
Lease Name: Smith Well #: 3-1

If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____

Field Name: Humboldt-Chanute
Producing Formation: Riverton

Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Enhr.?) _____ Docket No. _____

Elevation: Ground: 963 Kelly Bushing: _____
Total Depth: 1204 Plug Back Total Depth: 1198

<u>11/18/04</u>	<u>11/24/04</u>	<u>12/20/04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

Amount of Surface Pipe Set and Cemented at 20 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to surface w/ 194 sx cmt.

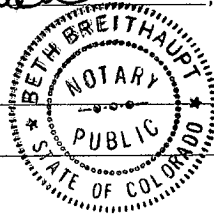
Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) ALT II with 12-14-07
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____

Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 of 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: [Signature]
Title: SR Petroleum Engineer Date: 3/3/05
Subscribed and sworn to before me this 31st day of March, 2005.
Notary Public: [Signature]
Date Commission Expires: 9-9-08



KCC Office Use ONLY
NO Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

✓

X

Operator Name: Dorado Gas Resources, LLC Lease Name: Smith Well #: 3-1
 Sec. 1 Twp. 27 S. R. 17 East West County: Neosho

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run:

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Summit	433	
Mulky	443	
Squirrel	727	
Bevier	778	
V-shale	796	
Scammon	880	
Riverton	1086	

**Gamma Ray/Neutron/CCL
 Dual Compensated Porosity
 Dual Induction**

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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 and Percent Additives
Surface	12.25	8-5/8	24	20	Class A	5	None
Production	6.75	4-1/2	9.5		50/50 Poz	199	2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	Riverton 1086.5-1089.5	1800 gal HCL; 8600 gal. water	1086-1089

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8	1134	None	<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
			<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		20			

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

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled

Production Interval Other (Specify) _____

CONSOLIDATED OIL WELL SERVICES, INC.
 211 W. 14TH STREET, CHANUTE, KS 66720
 620-431-9210 OR 800-467-8676

TICKET NUMBER 1928
 LOCATION Ottawa KS
 FOREMAN Fred Maden

TREATMENT REPORT & FIELD TICKET
 CEMENT

ORIGINAL

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY			
11/24/04	2529	Smith #3-1	1	27	17	No			
CUSTOMER Dorado Gas Resources									
MAILING ADDRESS 14550 E Easter Ave. Ste 1000									
CITY Englewood		STATE CO	ZIP CODE 8						
		TRUCK #		DRIVER		TRUCK #		DRIVER	
		372		F. Maden					
		164		R. Arlt					
		122		B. Crisp/HB Schlo.					
		412		J. Winkelman					

JOB TYPE Longstring HOLE SIZE 6 5/4 HOLE DEPTH 1204' CASING SIZE & WEIGHT 4 1/2
 CASING DEPTH 1198 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 4 1/2" Rubber Plug
 DISPLACEMENT 1988 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Establish Circulation Mix & Pump 2 sks Premium Gel Flush
 Mix & Pump 14 BBLs Tell-tale Dye Follow w/ 20% sk 50/50
 Por mix cement w/ 2% Gel 5# Kol-seal 1/4# Flo-seal per sack. Flush
 pump clean Displace Rubber Plug to float shoe w/ 19 BBLs
 Fresh water Pressure to 800 # PSI. Set hatch down Plug.
 Plug supplied by Customer. Check plug dept. w/ measuring line.
 Fred Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE Cement Pump		710.00
5406	75'	MILEAGE		176.25
5407A	8.84	Ton mileage.		563.55
5501C.10	4 hrs	Transport		336.00
1124	1945K	50/50 Por mix Cement		1338.60
1118	6 sk	Premium Gel		74.40
1107	2 sk	Flo. Seal		80.00
1110A	21 sk	Kol-seal		330.75
4104	+	4 1/2		
				63%
				SALES TAX
				ESTIMATED TOTAL
				114.90
				3724.45

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 APR 06 2005
 CONSERVATION DIVISION
 WICHITA, KS

AUTHORIZATION _____ TITLE 194148 DATE 3724.45

TERMS

In consideration of the prices to be charged for our services, equipment and products as set forth in Consol dated Oil Well Services, Inc's (COWS) current Price Schedule, and for the performance of services and supplying of materials; customer agrees to the following terms and conditions.

Terms. Cash in advance unless satisfactory credit is established. On credit sales, invoices payable to P.O. Box 884, Chanute, KS 66720. Invoices payable within 30 days of invoice date. Charges subjected to interest after 30 days from invoice date. Interest will be charged at Maximum rate allowed by law. In the event it is necessary to employ an attorney to enforce collection of such account, customer agrees pay all collection costs and attorney's fees in the amount of 20% of said amount.

Any applicable federal, state or local sales, use, occupation, consumer's or emergency taxes shall be added to the quoted price.

A sales tax reimbursement of 2% is applied to chemical and product charges for all services performed on oil and gas wells in the State of Texas.

All process license fees required to be paid to others will be added to the scheduled prices.

All prices are subject to change without notice.

SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by COWS.

"The customer shall at all time have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the customer shall be present to specify depths, pressures, or materials used for any service which is to be performed."

- (a) COWS shall not be responsible for, and customer shall secure COWS against any liability for damage to property of customer and of the well owner (if different from customer), unless caused by the willful misconduct or gross negligence of COWS, this provision applying to but not limited to sub-surface damage and surface damage arising from subsurface damage.
- (b) Customer shall be responsible for and secure COWS against any liability for reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct of gross negligence of COWS.

- (c) Customer shall be responsible for and secure COWS against any and all liability of whatsoever nature for damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by COWS hereunder.
- (d) Customer shall be responsible for and secure COWS against any liability for injury to or death of persons, other than employees of COWS, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of COWS.
- (e) COWS makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or services.
- (f) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, COWS is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by COWS. COWS personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but customer agrees that COWS shall not be responsible for any damage arising from the use of such information except where due to COWS gross negligence or willful misconduct in the preparation or furnishing of it.

WARRANTIES – LIMITATION OF LIABILITY

COWS warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OR MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. COWS's liability and customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to COWS or, at COWS's option, to the allowance to the customer of credit for the cost of such items. In no event, shall COWS be liable for special, incidental, indirect, punitive or consequential damages.

COWS personnel will use their best efforts in gathering such information and their best judgement in interpreting it, but Customer agrees that COWS shall not be liable for and CUSTOMER SHALL INDEMNIFY AGAINST ANY DAMAGED ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed by the COWS negligence or fault.



CONSOLIDATED
OIL WELL
SERVICES
AN INFINITY COMPANY

ORIGINAL

TICKET NUMBER **24674**

211 W. 14TH STREET, CHANUTE, KS 66720
620-431-9210 OR 800-467-8676

LOCATION Chanute.
39 Hwy - Brown Rd. - 3N -
1/2 E. S. Side

FIELD TICKET

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
12-16-04	2529	Smith 3-1					No	RWERTON.
CHARGE TO <u>DONALD GAS.</u>				OWNER				
MAILING ADDRESS				OPERATOR				
CITY & STATE				CONTRACTOR <u>Rod Guice</u>				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5303.40	1	PUMP CHARGE <u>Acid Pump - B'ville</u>		620.-
		<u>B'ville</u>		
3105.40	1500 gal.	10% HCL 1500 GAL 10%	.85	1275.-
1203.40	6 gal.	acid retarder. ESA60	31.20	187.20
1252.40	4 gal.	MAXFLO	26.25	105.00
1219.40	4 gal.	Nonemulsifier ESAN34	27.05	108.20
1215.10	16 gal.	KCL SUB	23.10	369.60
1231.10	100 #	Linear Gel.	4.20	420.-
1123.10	8600 gal.	city water.	11.50	98.90
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		BLENDING & HANDLING		
		TON-MILES	CONSERVATION DIVISION	
		STAND BY TIME	WICHITA, KS	
5306.40	15	MILEAGE <u>X 1</u>	2.35	35.25
5501A.10	4	WATER TRANSPORTS <u>-THAYER.</u>	84.-	336.-
5502A.20	4	VACUUM TRUCKS <u>-Ottawa</u>	78.-	312.-
		FRAC SAND		
		CEMENT		
			6.30% SALES TAX	6.23

Ravin 2790

ESTIMATED TOTAL 3873.38

CUSTOMER or AGENTS SIGNATURE

CIS FOREMAN

Bell / Brett Busby.

CUSTOMER or AGENT (PLEASE PRINT)

DATE

194650

CONSOLIDATED OIL WELL SERVICES, INC.
 211 W. 14TH STREET, CHANUTE, KS 66720
 620-431-9210 OR 800-467-8676

TICKET NUMBER **32128**
 LOCATION Chanute
 FOREMAN Brett

Hwy 39 + Brown Rd - 3N - 1/2 E - S. Side

TREATMENT REPORT

ORIGINAL

DATE <u>12/16-04</u>	CUSTOMER #	WELL NAME <u>Smith 3-1</u>	FORMATION <u>Riverton</u>
SECTION	TOWNSHIP	RANGE	COUNTY <u>NO</u>
CUSTOMER <u>Dorado Gas.</u>			
MAILING ADDRESS			
CITY			
STATE		ZIP CODE	
TIME ARRIVED ON LOCATION			

TRUCK #	DRIVER	TRUCK #	DRIVER
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WELL DATA	
HOLE SIZE	PACKER DEPTH
TOTAL DEPTH	PERFORATIONS <u>1086.5 - 1089.5</u>
	SHOTS/FT <u>4</u>
CASING SIZE <u>4 1/2</u>	OPEN HOLE
CASING DEPTH	
CASING WEIGHT	TUBING SIZE
CASING CONDITION	TUBING DEPTH
	TUBING WEIGHT
	TUBING CONDITION
TREATMENT VIA	

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input type="checkbox"/> PRODUCTION CASING	<input checked="" type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISP. PUMP	<input type="checkbox"/>
<input type="checkbox"/> OTHER	<input type="checkbox"/>

PRESSURE LIMITATIONS		
	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTION PRIOR TO JOB Stage acid & water in 300 gal increments until all acid is gone & flush w/ remaining water of 112 gal, 2% KCL

AUTHORIZATION TO PROCEED

TITLE

DATE

12/16/04

TIME AM / PM	STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
		<u>76 gal</u>	<u>2</u>			<u>NA</u>	BREAKDOWN PRESSURE
	<u>0-300</u>	<u>gal acid</u>	<u>2-3</u>			<u>17.7</u>	DISPLACEMENT
	<u>300</u>	<u>gal water</u>	<u>3-5</u>			<u>1000</u>	MIX PRESSURE
	<u>0-300</u>	<u>- acid</u>	<u>5</u>			<u>700</u>	MIN PRESSURE
	<u>300</u>	<u>water</u>	<u>5-6</u>			<u>520</u>	ISIP <u>520</u>
	<u>0-300</u>	<u>acid</u>	<u>6-6.3</u>			<u>320</u>	MIN. <u>320</u>
	<u>-300</u>	<u>water</u>	<u>6-6.3</u>			<u>6.3</u>	MAX RATE <u>BPM</u>
	<u>0-300</u>	<u>acid</u>	<u>6.3</u>			<u>2</u>	MIN RATE <u>BPM</u>
	<u>300</u>	<u>water</u>	<u>6.3</u>				
	<u>300</u>	<u>acid</u>	<u>6.3</u>				

156 Bbls water



CONSOLIDATED
OIL WELL
SERVICES
 AN INFINITY COMPANY

211 W. 14TH STREET, CHANUTE, KS 66720
 620-431-9210 OR 800-467-8676

ORIGINAL

TICKET NUMBER **25751**

LOCATION Thayer

FIELD TICKET

DATE 12-6-04	CUSTOMER ACCT # 2529	WELL NAME Smith 3-1	QTR/QTR	SECTION	TWP	RGE	COUNTY NO Riverton	FORMATION
CHARGE TO Dorado Gas Resources				OWNER				
MAILING ADDRESS 1100 Conrad Ind. Rd.				OPERATOR				
CITY & STATE Ludington MI				CONTRACTOR				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5304	1	PUMP CHARGE Acid pump		620.00
5308	1	week-end surcharge		124.00
5315	1	ball injector		80.00
4326	11	1.35G 7/8" ballsealers		220.00
3107	300 GAL	15% HCL acid		315.00
1214	2 GAL	IRON CONTROL		32.30
		BLENDING & HANDLING		
		TON-MILES		
		STAND BY TIME		
5306	20	MILEAGE Mobilization X1 P		47.00
5108		WATER TRANSPORTS		
		VACUUM TRUCKS		
		FRAC SAND		
		CEMENT		
		SALES TAX		1.61
				6.39

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 CONSERVATION DIVISION
 WICHITA, KS

Customer furnished water at Haverone Well Service.

Ravin 2790 ESTIMATED TOTAL ~~1240.00~~ 1241.91

CUSTOMER or AGENTS SIGNATURE _____ CIS FOREMAN Brett Busby

CUSTOMER or AGENT (PLEASE PRINT) _____ DATE 12-6-04

194394

CONSOLIDATED OIL WELL SERVICES, INC.
 211-W. 14TH STREET, CHANUTE, KS 66720
 620-431-9210 OR 800-467-8676

TICKET NUMBER 37348
 FIELD TICKET REF # 25751
 LOCATION Thayer
 FOREMAN Brett Busby

TREATMENT REPORT
 FRAC & ACID

ORIGINAL

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-4-04		Smith 3-1				NO

CUSTOMER
Dorado Gas Resources

MAILING ADDRESS

CITY Ludington STATE MI ZIP CODE

TRUCK #	DRIVER	TRUCK #	DRIVER
224	Gary		

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 WICHITA, KS

WELL DATA

CASING SIZE <u>4 1/2</u>	TOTAL DEPTH
CASING WEIGHT <u>10.5 #</u>	PLUG DEPTH
TUBING SIZE <u>2 3/8</u>	PACKER DEPTH
TUBING WEIGHT	OPEN HOLE
PERFS & FORMATION	
<u>1086.5</u>	

TYPE OF TREATMENT
Acid ball-off

CHEMICALS

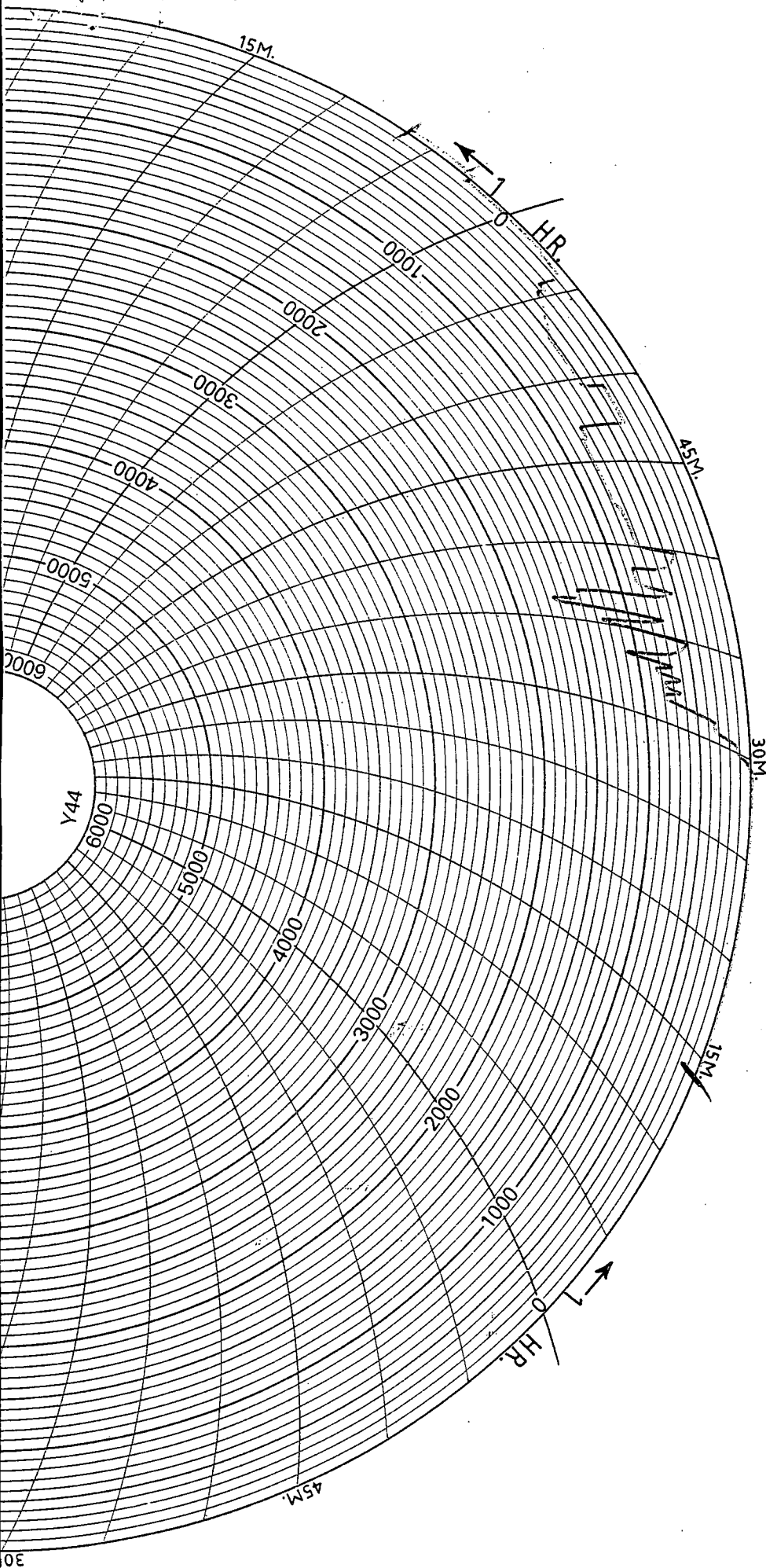
<u>iron control</u>	

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
load / water	85 GAL				500	BREAKDOWN
acid	86 GAL				1000	START PRESSURE
water	640 GAL				900	END PRESSURE
break stage acid		3.5 bpm			1500	BALL OFF PRESS
acid	200 GAL	+ 11 ball sealers	4 sec. intervals			ROCK SALT PRESS
release balls	1115 GAL	IN			475	ISIP
FLUSH	420 GAL	3.5 bpm	700-900	PSI		5 MIN
						10 MIN
						15 MIN
					1	MIN RATE
					3.5	MAX RATE
					17.60	DISPLACEMENT

REMARKS: load rat hole w/ ~~water~~ formation water / spot 2 bbls 15% HCl acid / load remaining casing volume w/ water / acidize w/ 200 gal. -15% + 11 ball sealers / flow well back to pit / pull valve / pulling unit swab test

AUTHORIZATION _____ TITLE _____ DATE 12-4-04

ORIGINAL



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CONSERVATION DIVISION
WICHITA, KS