

ORIGINAL

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

API NO. 15- 155-213480000

Operator: License # 31229

Name: DLB Oil & Gas Inc

Address 1601 NW Expressway

Suite 700

City/State/Zip OKC OK 73118

Purchaser: Gemco

Operator Contact Person: Stephen D. Adams

Phone (405) 848-8808

Contractor: Name: White & Ellis Drilling Inc

License: 5420

Wellsite Geologist: Jay Gentry

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

2-14-95 2-19-95 7-18-95
Spud Date Date Reached TD Completion Date

County Reno
-NW - SE - NE Sec. 19 Twp. 23^S Rge. 7 X^E

1480 Feet from S (circle one) Line of Section

1280 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
SE, SE, NW or SW (circle one)

Lease Name Vera Well # 1-19

Field Name Unnamed

Producing Formation Mississippi Chat

Elevation: Ground 1602 KB 1607

Total Depth 3770' PBTD _____

Amount of Surface Pipe Set and Cemented at 250' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT 1 09/10-16-96
(Data must be collected from the Reserve PPT)

Chloride content 2500 ppm Fluid volume 1200 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name C & C Tank Services

Lease Name Roach SWD License No. 30708

Quarter _____ Sec. 14 Twp. 23 S Rng. 9 E/W

County Reno Docket No. 22208

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 on side two of this form will be held confidentially 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 Vice President, Drilling and Production Date 7-24-96

Subscribed and sworn to before me this 24th day of July, 19 96.

Notary Public Robin Morton

Date Commission Expires 6/3/97

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)

DENIED
09/10-16-96

2200
8-12-96

15-155-21348-0000 SIDE TWO

Operator Name DLB Oil & Gas Inc Lease Name Vera Well # 1-19

Sec. 19 Twp. 235 Rge. 7 East County Reno West

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.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy.)

List All E.Logs Run:
 DUAL IND, ML, D/N, SONIC

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum KB
Topeka	2538	(-931)
Lansing	3068	(-1461)
Miss Chat	3616	(-2009)
Kinderhook Shale	3732	(-2125)

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 1/2	8 5/8	24#	250'	Class H 60/40	225	
production	7 7/8	5 1/2	15.5#	3768'	Class H	160	10% SALT + 10% Thixad

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
4	3634-42		2500 gal 7.5% DSEF Acid	

TUBING RECORD

Size 2 7/8 Set At 3613" Packer At 3550' Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 7/18/95 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	1280	32	N/A	

Disposition of Gas: **METHOD OF COMPLETION** Vented Sold Used on Lease (If vented, submit ACO-18.) Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval

RECEIVED
 CONSERVATION DIVISION
 3634-3642
 JUL 25 1996
 CONSERVATION DIVISION
 WICHITA, KS

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

Drill-Stem Test Data

15-155-21348-0000

Well Name VERA #1-19 Test No. 1 Date 2/18/95
Company DLB OIL & GAS INC Zone MISSISSIPPI
Address 1601 NW EXPRESSWAY, #700, OK CITY, OK 73118 Elevation 1607
Co. Rep./Geo. JAY GENTRY/JOE BAKER Cont. WHITE & ELLIS #8 Est. Ft. of Pay _____
Location: Sec. 19 Twp. 23S Rge. 7W Co. RENO State KS

Interval Tested 3564-3626 Drill Pipe Size 4.5" XH
Anchor Length 62 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 3559 Drill Collar - 2.25 Ft. Run _____
Bottom Packer Depth 3564 Mud Wt. 9.2 lb/Gal.
Total Depth 3626 Viscosity 51 Filtrate 7.6

Tool Open @ 10:32AM Initial Blow STRONG BLOW. GAS TO SURFACE IN 1-1/2 MINUTES.
SEE GAS VOLUME REPORT.
Final Blow STRONG BLOW. SEE GAS VOLUME REPORT.

Recovery - Total Feet 115 Flush Tool? NO

Rec. 3520 Feet of GAS IN PIPE
Rec. 115 Feet of DRILLING MUD, 12%WATER: 88%MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

RECEIVED
KANSAS CORPORATION COMMISSION

AUG 12 1996

BHT 115 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides 6500 ppm Recovery Chlorides 4000 ppm System

CONSERVATION DIVISION
WICHITA, KS

(A) Initial Hydrostatic Mud 1745.77 PSI AK1 Recorder No. 2342 Range 4995

(B) First Initial Flow Pressure 337.80 PSI @ (depth) 3569 w / Clock No. _____

(C) First Final Flow Pressure 349.22 PSI AK1 Recorder No. 10248 Range 4400

(D) Initial Shut-in Pressure 1209.73 PSI @ (depth) 3623 w / Clock No. 27665

(E) Second Initial Flow Pressure 332.35 PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure 343.51 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 1197.98 PSI Initial Opening 15 Final Flow 60

(H) Final Hydrostatic Mud 1673.34 PSI Initial Shut-in 60 Final Shut-in 90

Our Representative GARY PEVOTEAUX

15-155-21348-0000

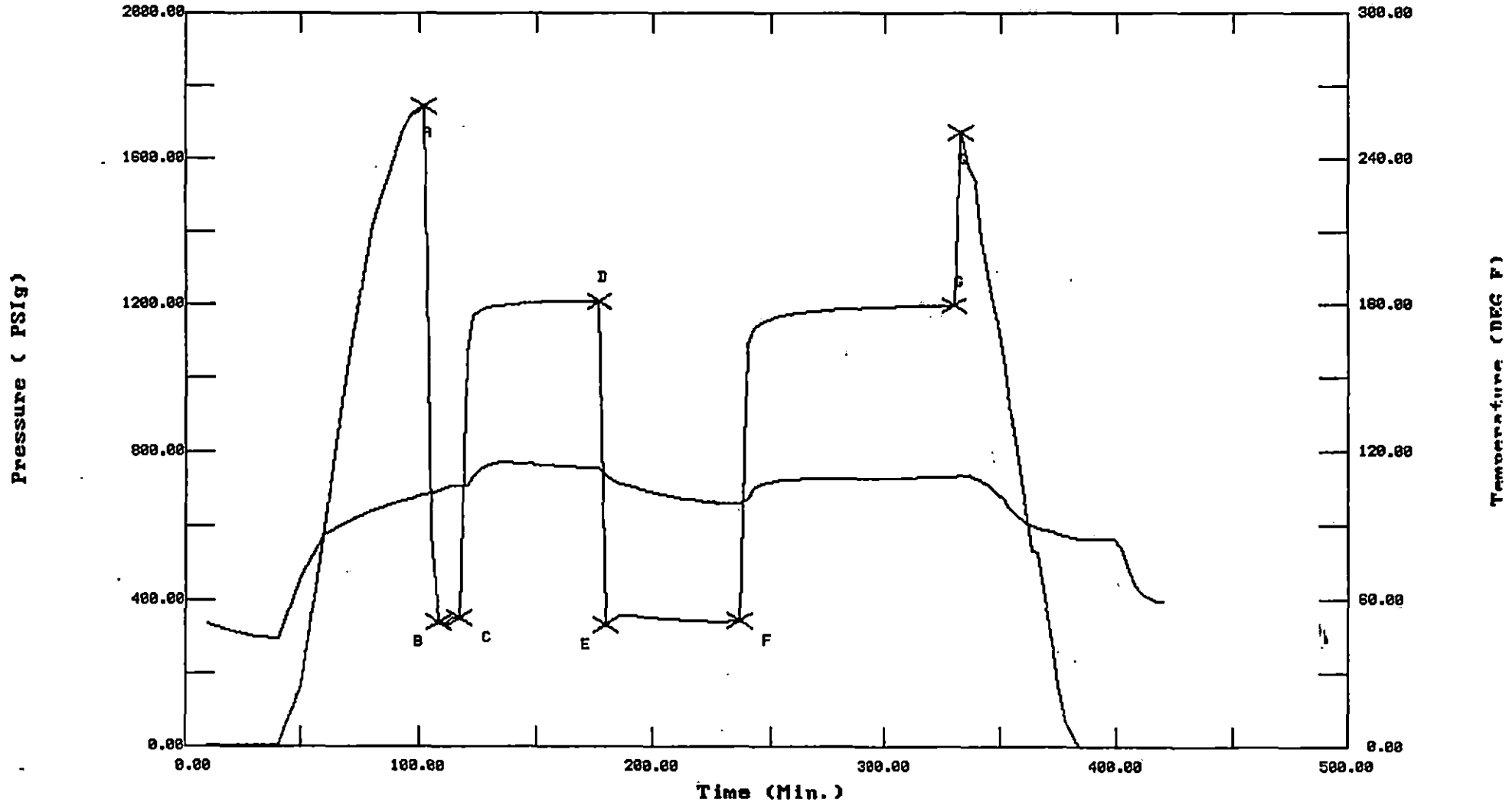
TEST HISTORY

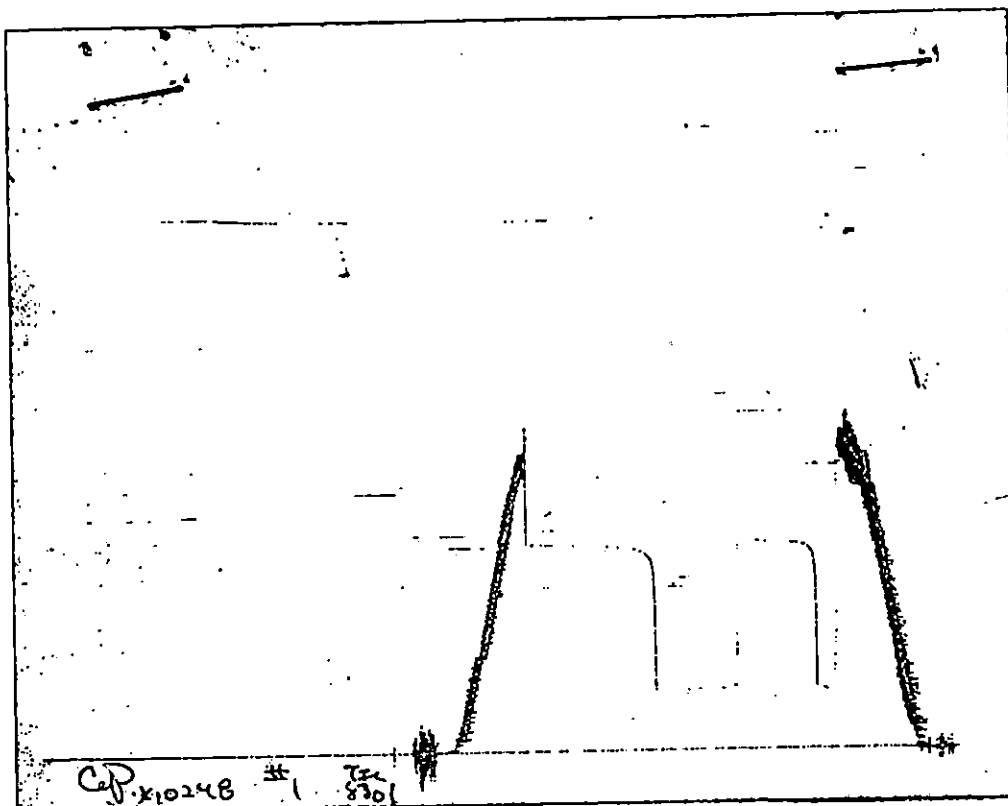
dlb oil and gas vera no 1-19 dst no 1

Flag Points

t(Min.) P(PSig)

A	0.00	1745.77
B	0.00	337.00
C	9.00	349.22
D	60.00	1209.73
E	0.00	332.35
F	57.00	343.51
G	93.00	1197.98
Q	0.00	1673.34





This is an actual photograph of an AK1 recorder chart

READINGS ARE FROM ALPINE ELECTRONIC RECORDER

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD		1745.77
(B) FIRST INITIAL FLOW PRESSURE		337.80
(C) FIRST FINAL FLOW PRESSURE		349.22
(D) INITIAL CLOSED-IN PRESSURE		1209.73
(E) SECOND INITIAL FLOW PRESSURE		332.35
(F) SECOND FINAL FLOW PRESSURE		343.51
(G) FINAL CLOSED-IN PRESSURE		1197.98
(H) FINAL HYDROSTATIC MUD		1673.34

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: dlb oil and gas vera no 1-19 dst no 1

DATE: 02/18/95

TIME: 08:47:27

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
***** Initial Hydro.	102.00	1745.8	0.0	102.56		
***** Start Flow 1	0.00	337.8	0.0	104.36		
	3.00	336.5	-1.3	105.44		
	6.00	349.1	11.3	106.16		
***** End Flow 1	9.00	349.2	11.4	106.16		
***** Start Shutin 1	0.00	349.2	0.0	106.16	0.0000	0.122
	3.00	1061.9	712.7	106.34	4.0000	1.128
	6.00	1166.1	816.9	109.76	2.5000	1.360
	9.00	1184.3	835.1	112.64	2.0000	1.403
	12.00	1191.8	842.6	114.26	1.7500	1.420
	15.00	1194.7	845.5	115.16	1.6000	1.427
	18.00	1197.6	848.4	115.52	1.5000	1.434
	21.00	1199.7	850.5	115.52	1.4286	1.439
	24.00	1201.3	852.0	115.34	1.3750	1.443
	27.00	1202.5	853.3	115.16	1.3333	1.446
	30.00	1203.4	854.2	114.98	1.3000	1.448
	33.00	1205.7	856.5	114.62	1.2727	1.454
	36.00	1206.4	857.2	114.44	1.2500	1.455
	39.00	1207.0	857.8	114.26	1.2308	1.457
	42.00	1207.5	858.3	113.90	1.2143	1.458
	45.00	1208.0	858.7	113.72	1.2000	1.459
	48.00	1208.6	859.3	113.72	1.1875	1.461
	51.00	1208.9	859.7	113.54	1.1765	1.461
	54.00	1209.1	859.9	113.36	1.1667	1.462
	57.00	1209.5	860.3	113.18	1.1579	1.463
***** End Shut-in 1	60.00	1209.7	860.5	113.18	1.1500	1.463
***** Start Flow 2	0.00	332.3	0.0	110.48		
	3.00	347.5	15.2	107.78		
	6.00	353.7	21.4	106.70		
	9.00	354.9	22.6	105.98		
	12.00	353.9	21.6	105.26		
	15.00	352.7	20.3	104.36		
	18.00	351.4	19.1	103.64		
	21.00	349.8	17.5	102.92		
	24.00	348.6	16.3	102.20		
	27.00	347.2	14.9	101.66		
	30.00	345.9	13.6	101.30		
	33.00	344.6	12.3	100.76		
	36.00	343.5	11.2	100.40		
	39.00	342.4	10.1	100.04		
	42.00	340.9	8.6	99.68		
	45.00	338.9	6.5	99.50		
	48.00	338.6	6.3	99.14		
	51.00	339.7	7.4	98.96		
	54.00	342.6	10.2	98.78		
***** End Flow 2	57.00	343.5	11.2	98.60		
***** Start Shutin 2	0.00	343.5	0.0	98.60	0.0000	0.118
	3.00	1089.5	746.0	100.94	23.0000	1.187
	6.00	1133.4	789.8	104.72	12.0000	1.284
	9.00	1148.9	805.4	106.52	8.3333	1.320
	12.00	1157.7	814.2	107.60	6.5000	1.340

15-155-21348-0000

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: dlb oil and gas vera no 1-19 dst no 1

DATE: 02/18/95

TIME: 08:47:27

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
15.00	1163.9	820.4	108.14	5.4000	1.355
18.00	1168.6	825.1	108.50	4.6667	1.366
21.00	1172.2	828.7	108.68	4.1429	1.374
24.00	1175.1	831.6	108.68	3.7500	1.381
27.00	1177.7	834.2	108.86	3.4444	1.387
30.00	1179.8	836.3	108.86	3.2000	1.392
33.00	1181.7	838.2	108.86	3.0000	1.396
36.00	1183.5	839.9	108.86	2.8333	1.401
39.00	1185.0	841.5	108.86	2.6923	1.404
42.00	1186.2	842.7	108.86	2.5714	1.407
45.00	1187.4	843.9	108.86	2.4667	1.410
48.00	1188.5	845.0	109.04	2.3750	1.413
51.00	1189.5	846.0	109.04	2.2941	1.415
54.00	1190.4	846.9	109.04	2.2222	1.417
57.00	1191.3	847.8	109.04	2.1579	1.419
60.00	1192.1	848.6	109.04	2.1000	1.421
63.00	1192.8	849.3	109.22	2.0476	1.423
66.00	1193.4	849.9	109.22	2.0000	1.424
69.00	1194.0	850.5	109.22	1.9565	1.426
72.00	1194.7	851.2	109.40	1.9167	1.427
75.00	1195.2	851.7	109.40	1.8800	1.429
78.00	1195.8	852.3	109.58	1.8462	1.430
81.00	1196.3	852.8	109.58	1.8148	1.431
84.00	1196.8	853.3	109.58	1.7857	1.432
87.00	1197.1	853.6	109.76	1.7586	1.433
90.00	1197.6	854.1	109.76	1.7333	1.434
93.00	1198.0	854.5	109.76	1.7097	1.435

***** End Shut-in 2

***** Final Hydro. 333.00 1673.3 0.0 110.48

15-155-21348-0000

GAS VOLUME REPORT

DLB OIL & GAS INC

VERA #1-19

DST # 1

<u>MIN</u>	<u>INS. WATER</u> <u>PSIG</u>	<u>ORIFICE</u>	<u>MCF/D</u>
1.5		2	GTS
10	37	1.25	1872
15	38	1.25	1911

<u>MIN</u>	<u>INS. WATER</u> <u>PSIG</u>	<u>ORIFICE</u>	<u>MCF/D</u>
10	43	1.25	2085
20	44	1.25	2122
30	44	1.25	2122
40	44	1.25	2122
50	44	1.25	2122
60	46	1.25	2194

Remarks:

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

15-155-21348-000

Test Ticket

No 8301

Well Name & No. UZRA # 1-19 Test No. 1 Date 2-18-95
 Company DLB OIL & GAS INC. Zone Tested MISS
 Address 101 N.W. EXPRESSWAY STE 700 / OKLAHOMA CITY OK. Elevation 1607 K.B.
 Co. Rep./Geo. JAY GENTRY / JAC BAKER cont. WHITE & FULS #B Est. Ft. of Pay _____
 Location: Sec. 19 Twp. 23 S Rge. 7 W Co. RENO State KS.
 No. of Copies 5 Distribution Sheet _____ Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested 3564 - 3626' Drill Pipe Size 4 1/2" X.H.
 Anchor Length 62' Top Choke - 1" Bottom Choke - 1/4"
 Top Packer Depth 3559' Hole Size - 7 7/8" Rubber Size - 6 3/4"
 Bottom Packer Depth 3564' Wt. Pipe I.D. - 2.7 Ft. Run NONE
 Total Depth 3626' Drill Collar - 2.25 Ft. Run NONE
 Mud Wt. 9.2 lb/gal. Viscosity 51 Filtrate 2.6 cc.
 Tool Open @ 10:32 A.M. Initial Blow Strong below. (GTS. in 1 1/2 mins.)
See gas volume report.
 Final Blow Strong below. See gas volume report

Recovery - Total Feet	Feet of Gas in Pipe	Flush Tool?
<u>115'</u>	<u>approx 3,520'</u>	<u>No</u>
Rec. <u>115</u> Feet Of <u>Daily Mud.</u>	%gas	%oil <u>12</u> %water <u>88</u> %mud
Rec. _____ Feet Of _____	%gas	%oil _____ %water _____ %mud
Rec. _____ Feet Of _____	%gas	%oil _____ %water _____ %mud
Rec. _____ Feet Of _____	%gas	%oil _____ %water _____ %mud
Rec. _____ Feet Of _____	%gas	%oil _____ %water _____ %mud

BHT 115 °F Gravity N.A. °API @ _____ °F Corrected Gravity N.A. °API
 RW N.A. @ _____ °F Chlorides 6,500 ppm Recovery Chlorides 4,000 ppm System
 (A) Initial Hydrostatic Mud 1746 PSI Ak1 Recorder No. 2342 Range 4995
 (B) First Initial Flow Pressure 338 PSI @ (depth) 3569' w/Clock No. N.A.
 (C) First Final Flow Pressure 349 PSI Ak1 Recorder No. 10248 Range 4400
 (D) Initial Shut-In Pressure 1210 PSI @ (depth) 3623' w/Clock No. 27665
 (E) Second Initial Flow Pressure 332 PSI AK1 Recorder No. _____ Range _____
 (F) Second Final Flow Pressure 344 PSI @ (depth) _____ w/Clock No. _____
 (G) Final Shut-In Pressure 1198 PSI Initial Opening 15 Test
 (H) Final Hydrostatic Mud 1673 PSI Initial Shut-In 60 Jars _____

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Final Flow 60 Safety Joint
 Final Shut-In 90 Straddle _____
 Circ. Sub _____
 Sampler _____
 Extra Packer _____
 Other _____

Approved By [Signature]
 Our Representative [Signature]

TOTAL PRICE \$ ✓ 650.00

ALLIED CEMENTING CO., INC.

1955

15-155-21348-0000

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Great Bend

DATE <u>2-18-95</u>	SEC. <u>19</u>	TWP. <u>23s</u>	RANGE <u>7</u>	CALLED OUT <u>12:30 pm</u>	ON LOCATION <u>7:30 pm</u>	JOB START <u>5:50 am</u>	JOB FINISH <u>6:10 pm</u>
LEASE <u>Verq</u>	WELL # <u>1-19</u>	LOCATION <u>4 1/2 mi. N. + 14 mi. W. 3E-1/4s. win + 0</u>		COUNTY <u>Reno</u>	STATE <u>KS</u>		

OLD OR NEW (Circle one)

CONTRACTOR <u>W+E</u>	OWNER <u>same</u>
TYPE OF JOB <u>SURFACE</u>	CEMENT
HOLE SIZE <u>12 1/4</u>	T.D. <u>251'</u>
CASING SIZE <u>8 7/8</u>	DEPTH <u>250'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	<u>DISP 15.04</u>

AMOUNT ORDERED 225 sk 60/40 4+2

COMMON	<u>135</u>	@	<u>6.10</u>	<u>823.50</u>
POZMIX	<u>90</u>	@	<u>3.15</u>	<u>283.50</u>
GEL	<u>4</u>	@	<u>9.50</u>	<u>38.00</u>
CHLORIDE	<u>9</u>	@	<u>28.00</u>	<u>252.00</u>
		@		
		@		
		@		
		@		
		@		
		@		

EQUIPMENT

PUMP TRUCK # <u>120</u>	CEMENTER <u>Don Haines</u>
BULK TRUCK #	HELPER
BULK TRUCK # <u>101</u>	DRIVER <u>Bob Burkeman</u>

HANDLING	<u>225</u>	@	<u>1.05</u>	<u>236.25</u>
MILEAGE	<u>48</u>	x .04 x <u>225</u>		<u>432.00</u>

TOTAL \$ 2065.25

REMARKS:

Pumped all cement + Released plug DISPLACED Down shut in Done
BY Allied Cementing
Thanks Don Haines

SERVICE

DEPTH OF JOB	<u>250'</u>			
PUMP TRUCK CHARGE 0-300'				<u>445.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>48</u>	@	<u>2.35</u>	<u>112.80</u>
PLUG	<u>1- 8 7/8</u>	@	<u>45.00</u>	<u>45.00</u>
		@		
		@		

TOTAL \$ 602.80

CHARGE TO: DLB Oil & Gas Inc.
STREET 1601 NW Expressway
CITY OKlahoma STATE OK ZIP 73118-1401

FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		

TOTAL _____

JUL 25 1996

CONSERVATION DIVISION
WICHITA, KS

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITION" listed on the reverse side.

TAX	<u>- 0 -</u>
TOTAL CHARGE	<u>\$ 2668.05</u>
DISCOUNT	<u>\$ 533.61</u> IF PAID IN 30 DAYS

Net \$ 2134.44

SIGNATURE Steve King



THE WESTERN COMPANY
CEMENT JOB DETAIL SHEET

15-155-21348-0000

CUSTOMER DLE 047 & Gas			DATE 7-20-95		FR # 304493		SER. SUP. Griffith			TYPE JOB R/S			
LEASE & WELL NAME Vera 1-19				LOCATION Sec 19-23S-7W				COUNTY-PARISH-BLOCK Reno KS					
DISTRICT Woodbury			DRILLING CONTRACTOR/RIG # White/Ellis				OPERATOR						
MATERIAL FURNISHED BY WPS	TYPE OF PLUGS		LIST-CSG-HARDWARE			SO MANI FOLD	TOP OF EACH FLUID	PHYSICAL SLURRY PROPERTIES					
	TOP		Float Collar	8- Turbolizers	Guide Shoe	XX N		SLURRY WGT PPG	SLURRY YLD FT	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
		10 Bbls. WMW-1									10	10	
		160 Sks. H + 10% Salt + 10% Thixad + 2 pps. Hi-Seal ₂					14.8	1.53	7.1		43.5	27	
ORIGINAL													
Available Mix Water 160 Bbl.			Available Displ. Fluid 130 Bbl.					TOTAL		53.5	37		
HOLE			TBG-CSG-D.P.			TBG-CSG-D.P.			COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	SIZE	WGT.	TYPE	DEPTH	SHOE	FLOAT	STAGE
7 7/8		5770				5 1/2	15.5			3770	3770	3727	
LAST CASING			PKR-CMT RET-BR PL LINER			PERF. DEPTH		TOP CONN		WELL FLUID			
SIZE	WGT.	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.	
8 5/8	24		240										
CAL DISPL VOL-Bbl.			CAL PSI	CAL MAX PSI	OP MAX	MAX TBG PSI		MAX CSG PSI		DISPL FLUID		WATER SOURCE	
TBG	CSG	CSG	TOTAL	BUMP PLUG	TO RT V	SC PSI	RATED	OP.	RATED	OP.	TYPE	WGT.	
			88.7	88.7							T. H ₂ O	8.3	Rig
EXPLANATION TROUBLE SETTING TOOL RUNNING CSG ETC PRIOR TO CEMENTING: Displacement Contained 1 gal./1000 Claytreat 110													
PRESSURE/RATE DETAIL						EXPLANATION							
TIME HR: MIN.	PRESSURE-PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: WPS CREW () CS. REP ()							
	PIPE	ANNULUS				TEST LINES 3000 PSI							
						CIRCULATING WELL-RIG () WPS ()							
7:39	400		7.0	10.0	WMW-1	Start WMW-1 & Test Lines							
7:43	100		5.0	43.5	Cem.	Start Cement							
7:53	0				Cem.	Shut Down - Clean Pumps & lines & Drop Plug							
7:55	800		4.0	88.7	T. H ₂ O	Start Displacement							
8:09	1700		0	88.7	T. H ₂ O	Bump Plug							
8:10	0					Bleed Back - Float Held							
RECEIVED KANSAS OIL & FIELD OCT - 1 1995 12:00													
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	TOTAL Bbl. PUMPED	Bbl. CMT RETURNS/ REVERSED	PSI LEFT ON CSG	SPOT TOP CEMENT	SER. SUP. R. Griffith						
Y XX	1700	Y XX	142.2	0	0	?	CUSTOMER REP. Steve King						