

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

API NO. 15- 155-21356000 ORIGINAL

County Reno

75' NE of CNE NW Sec. 27 Twp. 25S Rge. 9W

4673 Feet from S/W (circle one) Line of Section

3247 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 GLOVER Well # 1-27

Field Name Wildcat

Producing Formation Mississippi

Elevation: Ground 1614 KB 1623

Total Depth 3947' PBDT 3900'

Amount of Surface Pipe Set and Cemented at 228 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan ALY I 4-17-96  
(Data must be collected from the Reserve Pit) RU

Chloride content 10,000 ppm Fluid volume 240 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite:  
Roach SWD- Sec 14-23S-9W

Operator Name C & C TANK Service

Lease Name Roach License No. 30708

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

County Reno Docket No. 22208

Operator: License # 5210

Name: Lebsack Oil Production Inc.

Address P.O. Box 489

City/State/Zip Hays, Kansas 67601

Purchaser: 61-Gas Inc. & Koch

Operator Contact Person: Wayne Lebsack

Phone ( 316 ) 938-2396

Contractor: Name: Sterling Drilling Co.

License: 5142

Wellsite Geologist: Wayne Lebsack

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  SLOW  RE-TEMP/ABD.  
 Gas  ENHR  SIGMA STATE CORPORATION COMMISSION  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows: JAN 16 1996  
1-16-96  
WICHITA, KANSAS

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

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

5/17/95 5/23/95 10/15/95  
Spud Date Date Reached TD Completion Date

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 Wayne Lebsack  
Wayne Lebsack  
Title Pres. Date 1/9/96

Subscribed and sworn to before me this 9th day of January 19 96.

Notary Public D. Rex Curtis  
D. REX CURTIS  
Date Commission Expires 7-28-97

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 SWD/Rep  NGPA  
 Plug  Other  
(Specify)  
D. Rex Curtis KCC  
NOTARY PUBLIC  
State of Kansas  
My Appointment Expires: 7-28-97

Operator Name Lebsack Oil Production Inc. Lease Name GLOVER Well # 1-27

Sec. 27 Twp. 25 Rge. 9  East  West County RENO

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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Severy Sand	2712	-1089
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	3116	-1493
List All E.Logs Run:		Brown	3285	-1662
Gas Detector, HOWCO		Lansing	3319	-1696
Density-Neutron, Dual		Stark Shale	3582	-1959
Induction, Frac-Finder		BKC	3676	-2053
		Mississippi 'A'	3808	-2185
		'B'	3824	-2201
		Kinderhook	3884	-2261
		Total Depth	3946	-2323

CASING RECORD <input type="checkbox"/> New <input checked="" 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	12-1/4"	8-5/8"	#20	228'	60/40 Poz	195	2% Gel 3% CC
Production	7-7/8"	5-1/2"	#15.5	3941'	50/50 Poz	75/150 125	20/B Salt/fl

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
3HF	3810.5 to 3830.5	natural

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	2-7/8"	3941'	none					
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)							
	10/15/95							
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	5			110	300			31

Disposition of Gas:  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled

Production Interval 3810.5-3830.

ORIGINAL

INTERVALS OF INTEREST

15-155-21356

Severy Sand

2712-2720

- clear fine grained, micaceous sand. Gas detector logged 5 units, calculated 22% porosity & 90% water

D.S.T. NO. 1

2683 - 2720

-Testing periods 15-30-30-30- Strong Blow Recovered 1250 feet of muddy water. Pressures: Flow 144/367 & 425/535 Closed in:1119/1119

Mississippi

"A" 3808 - 22

= White chalky friable chert. Gas Detector logged 8 units. Electric logs calculated 35% porosity- 75% to 85% water saturation and very highly fractured.

"B" 3824 - 34

White granular, and glassy translucent chert. There were traces of free oil staining. Electric logs calculated 22% porosity and 80% water saturations, and highly fractured.

D.S.T. No. 2

3816 - 50

Testing periods 30-30-30-30 There was a strong blow, gas surfaced in 4/minutes. Gas flow measurements ranged from 100 MCF/day to 7 MCF/day - average 50 MCF/day.

Recovered 1800 feet. 1240 feet oil & gas cut mud & water - 5% oil, 8% gas, 20% mud, 67% water, and 740 feet of water. Pressures recorded. Flow 579/854 & 888/888 Closed in - 888/888 &

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STATE CORPORATION COMMISSION

JAN 16 1996

CONSERVATION DIVISION  
STATE CORPORATION COMMISSION

ORIGINAL

SUPERIOR TESTERS ENTERPRISES INC.

SUBSURFACE PRESSURE MEASUREMENTS

15-155-21356

COMPANY : LBSACK OIL PROD., INC.  
DATE OF TEST : 5-20-1995  
DEPTH : 2753.0

WELL NAME : GLOVER #1-27  
LOCATION : 75'N/E-CN/EN/W 27-25S-9W  
SERIAL NO. : 11088

COMMENTS	TIME min	DEFL in	PRESSURE PSIG		
			----- CALC	CORR	----- CORRECTED
TEST NO: 155-21356-1					
Depth : 2753.0 ft-kb					
-1ST HYDROSTATIC	0.0	1.159	1283.18	.89	1284.07
- 0:00	0.0	.155	175.83	-3.08	172.75
- 0:00	0.0	.155	175.83	-3.08	172.75
-3:15 1ST FLOW	0.0	.155	175.83	-3.08	172.75
- 3:20	5.0	.253	283.92	-1.94	281.98
- 3:25	10.0	.317	354.51	-1.20	353.31
- 3:28	13.0	.352	393.11	-.79	392.32
-3:28 END FLOW	0.0	.352	393.11	-.79	392.32
- 3:31	3.0	.912	1010.75	.66	1011.41
- 3:34	6.0	.943	1044.94	.64	1045.58
- 3:37	9.0	.965	1069.21	.62	1069.83
- 3:40	12.0	.978	1083.55	.61	1084.16
- 3:43	15.0	.987	1093.47	.61	1094.08
- 3:46	18.0	.994	1101.19	.60	1101.80
- 3:49	21.0	.999	1106.71	.60	1107.31
- 3:52	24.0	1.003	1111.12	.61	1111.72
- 3:55	27.0	1.007	1115.53	.61	1116.14
- 3:58	30.0	1.009	1117.74	.62	1118.35
-3:58 1ST SHUT-IN	0.0	1.009	1117.74	.62	1118.35
-3:58 2ND FLOW	0.0	.405	451.57	-.18	451.39
- 4:03	5.0	.426	474.73	.07	474.79
- 4:08	10.0	.459	511.12	.45	511.57
- 4:13	15.0	.501	557.45	.92	558.37
- 4:18	20.0	.538	598.26	.90	599.16
- 4:23	25.0	.572	635.78	.88	636.63
- 4:27	29.0	.593	658.92	.86	659.78
-4:27 END FLOW	0.0	.593	658.92	.86	659.78
- 4:30	3.0	.926	1026.19	.65	1026.84
- 4:33	6.0	.949	1051.56	.63	1052.19
- 4:36	9.0	.964	1068.10	.62	1068.73
- 4:39	12.0	.975	1080.24	.62	1080.85
- 4:42	15.0	.982	1087.96	.61	1088.57
- 4:45	18.0	.988	1094.58	.61	1095.18
- 4:48	21.0	.993	1100.09	.60	1100.69
- 4:51	24.0	.997	1104.50	.60	1105.10
- 4:54	27.0	1.000	1107.81	.60	1108.41
- 4:58	31.0	1.003	1111.12	.61	1111.72
-4:58 2ND SHUT-IN	0.0	1.003	1111.12	.61	1111.72
-2ND HYDROSTATIC	0.0	1.121	1241.27	.82	1242.09

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CORRECTION

SUPERIOR TESTERS ENTERPRISES INC.

HORNER ANALYSIS

ORIGINAL

COMPANY : LBSACK OIL PROD., INC.  
 WELL NAME : GLOVER #1-27  
 LOCATION : 75'N/E-CN/EN/W 27-25S-9W  
 STATE & COUNTY : KANSAS, REND  
 DATE OF TEST : 5-20-1995  
 TEST INT. KB : 2683 to 2763  
 TOTAL INTERVAL (ft) K.B. : 80.00  
 ELEV. (GR) : 1614 (KB) : 1623  
 FIELD :

ELEMENT SERIAL NO. : 11088  
 LATEST CALIBRATION :

COMMENTS	TIME min	(T+dt)/dt min	----- PRESSURES CORR PSIG
Refer. depth :	2753.0 ft-kb		
-4:27 END FLOW	0.00	0.00	660.92
	3.00	15.00	1032.06
	6.00	8.00	1057.70
	9.00	5.67	1074.42
	12.00	4.50	1086.68
	15.00	3.80	1094.48
	18.00	3.33	1101.17
	21.00	3.00	1106.74
	24.00	2.75	1111.20
	27.00	2.56	1114.54
	31.00	2.35	1117.88
-4:58 2ND SHUT-IN	0.00	0.00	1117.88

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES, INC.

RECEIVED  
 STATE CORPORATION COMMISSION  
 JAN 16 1996  
 OIL & GAS DIVISION  
 TOPEKA, KANSAS

SUPERIOR TESTERS ENTERPRISES INC.

DATA SUMMARY

ORIGINAL

COMPANY : LEBSACK OIL PROD., INC.  
DATE OF TEST : 5-20-1995  
DST. NO : 1

WELL NAME : GLOVER #1-27  
LOCATION : 75'N/E-CN/EN/W 27-25S-9W  
SHUT-IN PERIOD : 2

INTERPRETIVE DATA (OIL)

EXTRAPOLATED RESERVOIR PRESSURE (psi): .....	1158.00
Slope of Build-up Curve (psi/log cycle): .....	109.06
Effective Producing Time (min): .....	42.00

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES, INC.

RECEIVED  
STATE CORPORATION COMMISSION  
JAN 16 1996  
WICHITA, KANSAS

SUPERIOR TESTERS ENTERPRISES INC.

WELL IDENTIFICATION DATA

ORIGINAL

COMPANY : LEBSACK OIL PROD., INC. ~~WELL NAME~~ : GLOVER #1-27  
 ADDRESS : P.O. BOX 489, HAYS KANSAS LOCATION : 75'N/E-CN/EN/W 27-25S-9W  
 STATE & COUNTY : KANSAS, RENO FIELD :  
 ELEV. (GR) : 1614 (KB) : 1623 TEST DATE : 5-20-1995

EQUIPMENT AND HOLE DATA

FORMATION TESTED : TOPEKA	DRILL PIPE LENGTH(ft) : 2179
TEST INT. KB : 2683 to 2763	DRILL PIPE O.D. (in) : 3.82
ANCHOR LENGTH(ft) : 80	WEIGHT PIPE LENGTH(ft) :
TYPE OF TEST : Conventional	WEIGHT PIPE ID : 2.75
TOTAL DEPTH(ft- <del>kb</del> ) : 3064	DRILL COLLAR LENGTH(ft) : 482
MAIN HOLE SIZE(in) : 7 7/8	DRILL COLLAR I.D. (in) : 2.259
MUD WEIGHT : 8.7	TOP PACKER DEPTH(kb) : 2683
MUD VISCOSITY : 41	BOTTOM PACKER DEPTH(kb) : 2763
MUD CHLORIDES : 2500	DUAL PACKERS :
SURFACE CHOKE : 3/4	PACKER SIZE(in) : 6 3/4
BOTTOM CHOKE(in) : 3/4	PACKER HOLD : Yes
TOOL SIZE(O.D.) : 5 1/2	TOOL PLUG : No
TOOL JOINT SIZE(F.H.) : 4 1/2	REVERSED OUT : No
RESERVOIR TEMPERATURE(F) : 98	TEST TICKET NUMBER : 11346

EXTRA EQUIPMENT : -JARS -SAFETY JOINT  
 -STRADDLE

ELEMENT SERIAL NO. : 11088  
 RANGE : 0 - 4400 CLOCK RANGE :  
 CAL. EQU. : 1102.93 \* Defl. + 4.88

SURFACE BLOW

1st Opening : WEAK TO GOOD BLOW BOTTOM OF THE BUCKET IN 1 MINUTE  
 2nd Opening : GOOD BLOW BOTTOM OF THE BUCKET IN 3 1/2 MINUTES

RECOVERY

Recovered 400 feet of SLIGHTLY MUDY WATER  
 Recovered 600 feet of VERY SLIGHTLY MUDDT WATER  
 Recovered 250 feet of WATER WITH A TRACE OF MUD CHLORIDES 41000

REMARKS :

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 STATE CORPORATION COMMISSION

JAN 16 1996

WITNESSED BY : WAYNE LEBSACK

TOOL OPERATOR : GENE BUDIG  
 CONSERVATION DIVISION  
 WICHITA KANSAS

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES INC.

SUPERIOR TESTERS ENTERPRISES INC.

SUBSURFACE PRESSURE MEASUREMENTS

ORIGINAL

COMPANY : LEBSACK OIL PROD., INC.  
 DATE OF TEST : 5-22-1995  
 DEPTH : 3844.0

WELL NAME : GLOVER #1-27  
 LOCATION : 75'N/E-CN/EN/W 27-25S-9W  
 SERIAL NO. : 11088

COMMENTS	TIME min	DEFL in	PRESSURE PSIG		
			----- CALC	CORR	CORRECTED
<del>TEST NO. 12</del>					
Depth : 3844.0 ft-kb					
-1ST HYDROSTATIC	0.0	1.778	1965.89	1.37	1967.26
-8:15 1ST FLOW	0.0	.513	570.68	.92	571.60
- 8:20	5.0	.573	636.86	.88	637.74
- 8:25	10.0	.602	668.84	.86	669.70
- 8:30	15.0	.642	712.96	.83	713.79
- 8:35	20.0	.689	764.80	.80	765.60
- 8:40	25.0	.725	804.50	.78	805.28
- 8:46	31.0	.762	845.31	.75	846.07
-8:46 END FLOW	0.0	.762	845.31	.75	846.07
- 8:47	1.0	.779	864.06	.74	864.81
- 8:48	2.0	.784	869.58	.74	870.32
- 8:49	3.0	.788	873.99	.74	874.73
- 8:52	6.0	.793	879.50	.73	880.24
- 8:55	9.0	.797	883.92	.73	884.65
- 8:58	12.0	.797	883.92	.73	884.65
- 9:01	15.0	.797	883.92	.73	884.65
- 9:06	20.0	.797	883.92	.73	884.65
- 9:11	25.0	.799	886.12	.73	886.85
- 9:16	30.0	.799	886.12	.73	886.85
-9:16 1ST SHUT-IN	0.0	.799	886.12	.73	886.85
-9:16 2ND FLOW	0.0	.798	885.02	.73	885.75
- 9:21	5.0	.799	886.12	.73	886.85
- 9:26	10.0	.799	886.12	.73	886.85
- 9:31	15.0	.799	886.12	.73	886.85
- 9:36	20.0	.799	886.12	.73	886.85
- 9:41	25.0	.799	886.12	.73	886.85
- 9:46	30.0	.799	886.12	.73	886.85
-9:46 END FLOW	0.0	.799	886.12	.73	886.85
- 9:51	5.0	.790	876.20	.74	876.93
- 9:56	10.0	.799	886.12	.73	886.85
- 10:01	15.0	.799	886.12	.73	886.85
- 10:06	20.0	.799	886.12	.73	886.85
- 10:11	25.0	.799	886.12	.73	886.85
- 10:17	31.0	.799	886.12	.73	886.85
-10:17 2ND SHUT-IN	0.0	.799	886.12	.73	886.85
-2ND HYDROSTATIC	0.0	1.655	1830.23	1.44	1831.67

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JAN 16 1996

OKLAHOMA STATE UNIVERSITY



SUPERIOR TESTERS ENTERPRISES INC.

ERROR IN SUMMARY CALCULATIONS

\*\*\*\*\* CAUTION; DATA INCOMPLETE  
DATA SUMMARY

ORIGINAL

COMPANY : LEBSACK OIL PROD., INC.

WELL NAME : GLOVER #1-27

DATE OF TEST : 5-22-1995

LOCATION : 75'N/E-CN/EN/W 27-25S-9W

RECOVERY INFORMATION

LIQUID RECOVERY

Total Fluid Recovered :

Recovered 100 feet of THIN MUD  
 Recovered 360 feet of SLIGHTLY OIL GAS & MUD CUT WATER  
 Recovered 240 feet of VERY SLIGHTLY OIL AND MUD CUT WATER  
 Recovered 360 feet of WATER WITH A VERY SLIGHT TRACE OF OIL AND MUD  
 Recovered 740 feet of WATER-CHLORIDES 112000

GAS RECOVERY

Measured With : ORFICE TESTER  
 (INCHES OF WATER )

Riser : 2 INCH

Time (min.)	Reading	Surface Choke (in.)	Cubic feet/day
8:20	7.00	1.00	68300
8:30	54.00	.75	104000
8:40	21.00	.75	68150
8:45	15.00	.75	55200
9:25	18.00	.50	26600
9:35	18.00	.25	7120
9:45	2.00	.08	747

FLUID PROPERTIES

	Viscosity (cp)	Compressibility (psi <sup>-1</sup> )	Pore Space Saturation
Oil	.8	7.7E-6	.4
Gas	.2	9.2E-6	
Water	.45	3.1E-6	

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 JAN 16 1996

FROM: MVA DIVISION  
 MARIETTA, GEORGIA

SUPERIOR TESTERS ENTERPRISES INC.

HORNER ANALYSIS

ORIGINAL

COMPANY : LEBACK OIL PROD., INC.  
 WELL NAME : GLOVER #1-27  
 LOCATION : 75'N/E-CN/EN/W 27-258-9W  
 STATE & COUNTY : KANSAS, RENO  
 DATE OF TEST : 5-22-1995  
 TEST INT. KB : 3816 to 3850  
 TOTAL INTERVAL (ft) K.B. : 34.00  
 ELEV.(GR) : 1614 (KB) : 1623  
 FIELD :

ELEMENT SERIAL NO. : 11088  
 LATEST CALIBRATION :

COMMENTS	TIME min	(T+dt)/dt min	----- PRESSURES CORR PSIG
Refer. depth :	3844.0 ft-kb		
-8:46 END FLOW	0.00	0.00	846.07
	1.00	31.00	864.81
	2.00	16.00	870.32
	3.00	11.00	874.73
	6.00	6.00	880.24
	9.00	4.33	884.65
	12.00	3.50	884.65
	15.00	3.00	884.65
	20.00	2.50	884.65
	25.00	2.20	886.85
	30.00	2.00	886.85
-9:16 1ST SHUT-IN	0.00	0.00	886.85

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES, INC.

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 STATE CORPORATION COMMISSION

JAN 16 1996

COMM. DIVISION  
 KANSAS

SUPERIOR TESTERS ENTERPRISES INC.

ORIGINAL

WELL IDENTIFICATION DATA

COMPANY : LEBSACK OIL PROD., INC. WELL NAME : GLOVER #1-27  
 ADDRESS : P.O. BOX 489, HAYS KANSAS LOCATION : 75' N/E - CN/EN/W 27-25S-9W  
 STATE & COUNTY : KANSAS, RENO FIELD :  
 ELEV. (GR) : 1614 (KB) : 1623 TEST DATE : 5-22-1995

EQUIPMENT AND HOLE DATA

FORMATION TESTED : MISSISSIPPI DRILL PIPE LENGTH(ft) : 3307  
 TEST INT. KB : 3816 to 3850 DRILL PIPE O.D. (in) : 3.82  
 ANCHOR LENGTH(ft) : 34 WEIGHT PIPE LENGTH(ft) :  
 TYPE OF TEST : Conventional WEIGHT PIPE ID : 2.75  
 TOTAL DEPTH(ft-kg) : 3850 DRILL COLLAR LENGTH(ft) : 482  
 MAIN HOLE SIZE(in) : 7 7/8 DRILL COLLAR I.D. (in) : 2.259  
 MUD WEIGHT : 9.1 TOP PACKER DEPTH(kb) : 3811  
 MUD VISCOSITY : 42 BOTTOM PACKER DEPTH(kb) : 3816  
 MUD CHLORIDES : 8000 DUAL PACKERS :  
 SURFACE CHOKE : 3/4 PACKER SIZE(in) : 6 3/4  
 BOTTOM CHOKE(in) : 3/4 PACKER HOLD : Yes  
 TOOL SIZE(O.D.) : 5 1/2 TOOL PLUG : No  
 TOOL JOINT SIZE(F.H.) : 4 1/2 REVERSED OUT : No  
 RESERVOIR TEMPERATURE(F) : 117 TEST TICKET NUMBER : 11347

EXTRA EQUIPMENT : -JARS -SAFETY JOINT

ELEMENT SERIAL NO. : 11088  
 RANGE : 0 - 4400 CLOCK RANGE : 12 HOURS  
 CAL. EQU. : 1102.93 \* Defl. + 4.88

SURFACE BLOW

1st Opening : STRONG BLOW-GAS TO SURFACE IN 4 MINUTES  
 2nd Opening : STRONG BLOW-SEE GAS REPORT

RECOVERY

Recovered 100 feet of THIN MUD  
 Recovered 360 feet of SLIGHTLY OIL GAS & MUD CUT WATER  
 Recovered 240 feet of VERY SLIGHTLY OIL AND MUD CUT WATER  
 Recovered 360 feet of WATER WITH A VERY SLIGHT TRACE OF OIL  
 Recovered 740 feet of WATER-CHLORIDES 112000

INDEXED  
 STATE CORPORATION COMMISSION

REMARKS :

JAN 16 1996

WITNESSED BY : WAYNE LEBSACK

TOOL OPERATOR : GENE BUDIG

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES INC.

ORIGINAL

REMIT TO:  
P.O. BOX 951046  
DALLAS, TX 75395-1046



INVOICE

INVOICE NO.	DATE
806843	05/23/1995

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
GLOVER 1-27		RENO		KS	SAME
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE	
HAYS		STERLING DRILLING 4		CEMENT PRODUCTION CASING	
TICKET DATE		05/23/1995			
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
504660	VAUGHN THOMPSON			COMPANY TRUCK	90934

LEBSACK OIL PRODUCERS INC  
BOX 489  
HAYS, KS 67601

DIRECT CORRESPONDENCE TO:  
P.O. BOX 1598  
LIBERAL, KS 67905-0000

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	64	MI	2.75	176.00
		1	UNT		
001-016	CEMENTING CASING	<del>3947</del>	EA	1,570.00	1,570.00
		1	UNT		
019-241	CASING SWIVEL W/O WALL CLEANER	1	JOB	185.00	185.00
018-317	SUPER FLUSH	12	SK	100.00	1,200.00
40	CENTRALIZER-5-1/2 X 7-7/8	5	EA	60.00	300.00
806.60022					
12A	GUIDE SHOE - 5 1/2" 8RD THD.	1	EA	121.00	121.00
825.205					
24A	INSERT FLOAT VALVE - 5 1/2" 8RD	1	EA	110.00	110.00
815.19251					
27	FILL-UP UNIT 5 1/2"-6 5/8"	1	EA	55.00	55.00
815.19311					
030-018	CEMENTING PLUG SW, PLASTIC TOP	<del>5 1/2 IN</del>		65.00	65.00
		1	EA		
320	CEMENT BASKET 5 1/2"	1	EA	110.00	110.00
800.8883					
504-136	CEMENT - 40/60 POZMIX STANDARD	75	SK	7.37	552.75
504-130	CEMENT - 50/50 POZMIX STANDARD	125	SK	6.19	773.75
508-291	GILSONITE BULK	625	LB	.40	250.00
509-968	SALT	1150	LB	.15	172.50
507-210	FLOCELE	15	LB	1.65	24.75
507-775	HALAD-322	76	LB	7.00	532.00
500-207	BULK SERVICE CHARGE	237	CFT	1.35	319.95
500-306	MILEAGE CMTG MAT DEL OR RETURN	297.008	TMI	.95	282.16

INVOICE SUBTOTAL

6,799.86

DISCOUNT-(BID)  
INVOICE BID AMOUNT

1,359.97-  
5,439.89

\*\*\*\*\* CONTINUED ON NEXT PAGE-\*\*\*\*\*

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

RECEIVED  
STATE CORPORATION COMMISSION  
JAN 16 1996  
GOV. WICHITA, KANSAS

ORIGINAL

REMIT TO:  
P.O. BOX 951046  
DALLAS, TX 75395-1046



INVOICE

INVOICE NO.	DATE
806843	05/23/1995

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GLOVER 1-27		RENO		KS	SAME
SERVICE LOCATION	CONTRACTOR		JOB PURPOSE		TICKET DATE
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ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
504660	VAUGHN THOMPSON			COMPANY TRUCK	90934

LEBSACK OIL PRODUCERS INC  
BOX 489  
HAYS, KS 67601

DIRECT CORRESPONDENCE TO:  
P.O. BOX 1598  
LIBERAL, KS 67905-0000

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
	*-KANSAS STATE SALES TAX				137.05
	*-HAYS CITY SALES TAX				27.98
INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>					\$5,604.92

RECEIVED  
STATE CORPORATION COMMISSION

JAN 16 1996

CONSERVATION DIVISION  
AMERICAN OVERSIGHT

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

# ALLIED CEMENTING CO., INC.

1319

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

ORIGINAL

SERVICE POINT:  
*Medicine Lodge*

DATE <i>5/17/95</i>	SEC. <i>27</i>	TWP. <i>25S</i>	RANGE <i>7W</i>	CALLED OUT <i>6:30 AM</i>	ON LOCATION <i>10:00 AM</i>	JOB START <i>1:45 PM</i>	JOB FINISH <i>2:15 PM</i>
LEASE <i>Glover</i>	WELL # <i>1-27</i>	LOCATION <i>Langdon 1/4 E S15</i>			COUNTY <i>Reno</i>	STATE <i>KS</i>	

OLD OR NEW (Circle one)

CONTRACTOR <i>Sterling Drilling</i>	OWNER <i>Same</i>
TYPE OF JOB <i>Cmt 9 5/8 Surface Csg</i>	CEMENT
HOLE SIZE <i>12 1/4</i>	T.D. <i>231</i>
CASING SIZE <i>8 5/8 20'</i>	DEPTH <i>231</i>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <i>150</i>	MINIMUM <i>50</i>
MEAS. LINE	SHOE JOINT <i>15</i>
CEMENT LEFT IN CSG. <i>15</i>	
PERFS.	

AMOUNT ORDERED	<i>195 SKS 60/40 + 29 gal 390 each</i>	
COMMON	<i>117</i>	@ <i>6.10</i> <i>713.70</i>
POZMIX	<i>78</i>	@ <i>3.15</i> <i>245.70</i>
GEL	<i>3</i>	@ <i>9.50</i> <i>28.50</i>
CHLORIDE	<i>6</i>	@ <i>28.00</i> <i>168.00</i>
		@
		@
		@
		@
		@
HANDLING	<i>195</i>	@ <i>1.05</i> <i>204.75</i>
MILEAGE	<i>195 x 30</i>	<i>.04</i> <i>234.00</i>

**EQUIPMENT**

PUMP TRUCK	CEMENTER <i>Max Ball</i>
# <i>237</i>	HELPER <i>Justin Hart</i>
BULK TRUCK	
# <i>227</i>	DRIVER <i>Tim Sempel</i>
BULK TRUCK	
#	DRIVER

TOTAL *\$1594.65*

**REMARKS:**

*CMT 9 5/8 surface Csg with 195 SKS  
60/40 + 29 gal 390 each Drop Plug  
Displace 14 BPL Close in Head  
Cement Did Circulate*

**SERVICE**

DEPTH OF JOB	<i>231'</i>	
PUMP TRUCK CHARGE	<i>0-300'</i>	<i>445.00</i>
EXTRA FOOTAGE	@	
MILEAGE	<i>30 MI</i>	@ <i>2.35</i> <i>70.50</i>
PLUG	<i>4 3/4 wooden</i>	@ <i>45.00</i> <i>45.00</i>
		@
		@

TOTAL *\$560.50*

CHARGE TO: *Leb sack Oil Production*  
STREET *P.O. Box 489*  
CITY *HAYS* STATE *KANSAS* ZIP *67601*

RECEIVED  
STATE CORPORATION COMMISSION  
**FLOAT EQUIPMENT**  
JAN 16 1996

	@	
	@	
	@	
	@	
	@	

TOTAL

TAX *0*

TOTAL CHARGE *\$2055.15*  
DISCOUNT *\$411.03* IF PAID IN 30 DAYS

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 CONDITIONS" listed on the reverse side.

SIGNATURE

*[Handwritten Signature]*

## GENERAL TERMS AND CONDITIONS

**DEFINITIONS:** In these terms and conditions, "Allied" shall mean Allied Cementing Co., Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

—**TERMS:** Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "ALLIED" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "ALLIED," refunded directly to "CUSTOMER." For purposes of this paragraph, ALLIED and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

—**ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.

—**PRICES AND TAXES:** All merchandise listed in "ALLIED'S" current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.

—**TOWING CHARGES:** ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.

—**PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.

—**DEADHAUL CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

—**SERVICE CONDITIONS AND LIABILITIES:** 1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.

2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.

3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

**WARRANTIES:** 1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.

(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.