

ORIGINAL

SIDE ONE

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

APT NO. 15- 151-22096-0100
County Pratt
50' EW & 70'S - NW - NW - SW Sec. 19 Twp. 28 Rge. 15 X V

Operator: License # 8392 30060
Name: Jim Emerson
Address: 3108 Natalie
City/State/Zip Plano, Texas 75074
Purchaser: Koch Oil Company
Operator Contact Person: Eli Hammerschmidt
Phone (316) 532-5388
Contractor: Name: Eagle Drilling Co. KOC
License: 5380
Wellsite Geologist: None AUG 17

2240 Feet from (S)X (circle one) Line of Section
280 330 Feet from E/V (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or (SW) (circle one)
Lease Name Robbins Well # 1
Field Name Wellsford Extension
Producing Formation Mississippian
Elevation: Ground 2113' rs 2126'
Total Depth 6167' (TVD 4697') PSTD TVD 4697'
Amount of Surface Pipe Set and Cemented at 345 Feet
Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion
X New Well Re-Entry Workover
X Oil SWD SIGW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSV, Expl., Cathodic, etc)

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yes, show depth set Feet
If Alternate II completion, cement circulated from
feet depth to w/ sx cat.
Drilling Fluid Management Plan ALT 1 8-25-93
(Data must be collected from the Reserve Pit)

If Workover/Re-Entry: old well info as follows:
Operator:
Well Name:
Comp. Date Old Total Depth
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PSTD
 Cemented Docket No.
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.
5-19-93 6-13-93 6-22-93
Spud Date Date Reached TD Completion Date

Chloride content ppm Fluid volume bbls
Dewatering method used
Location of fluid disposal if hauled offsite:

Operator Name
Lease Name License # 1894
SEP 8 1994
 Quarter Sec. Twp. S Ang. E/V
County Docket No.

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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.

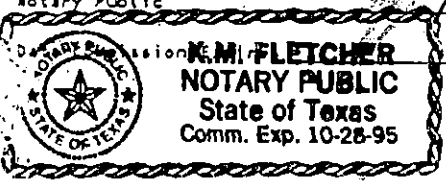
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Jim Emerson
Title Date 8-16-93

Subscribed and sworn to before me this 16 day of August, 19 93.

Notary Public 10-28-95

E.O.C. OFFICE USE ONLY
F Letter of Confidentiality
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWO/R/S KCPA
 KSS Plug Other
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STATE CORPORATION COMMISSION
AUG 20 1993
CONSERVATION DIVISION
Wichita, Kansas



Form ACG-1 (7-91) 8-20-93

Operator Name Jim Emerson Lease Name Robbins Well # 1

Sec. 19 Twp. 28 Rge. 15 East County Pratt 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: None

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Mississippian	TVD 4682'	-2556'

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 and Percent Additives
Surface	14 3/4"	10 3/4"	32.75	345'	40/60 Poz	295	2% Gel 3% CC
Production	9 7/8"	7 5/8"	29.7	4804'	60/40 Poz	150	2% Gel 1% CC

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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

TUBING RECORD

Size 2 7/8" Set At 4216' Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SVD or Inj. July 22, 1993 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	35 Bbls.	15 Mcf	45 Bbls.	429:1	36

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

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STATE CORPORATION COMMISSION
CONSERVATION DIVISION
200 Colorado Derby Bldg
Wichita, Kansas 67202

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15-151-22096-01-00

OPERATOR Jim Emerson

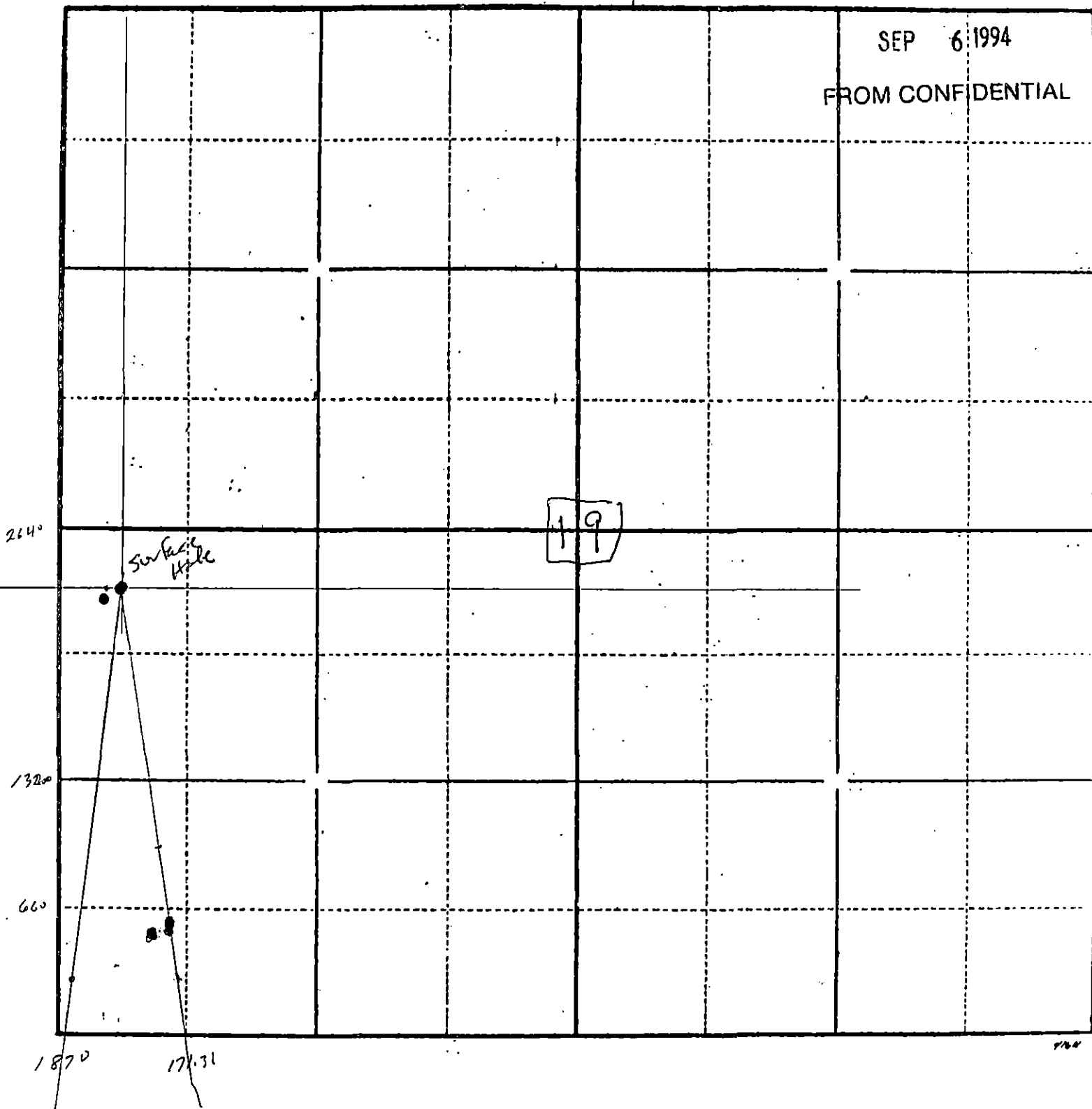
Lease Robbins 1

Township 28 Range 15W County _____ Pool _____

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SEP 6 1994

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COMPANY.....: PLANO PETROLEUM	
LEASE/WELL #.....: ROBBINS TRUST #1	DECLINATION.....: 7.19
LOCATION.....: PRATT COUNTY, KANSAS	PROPOSED DIRECTION...: 150.00°
RIG.....: EAGLE RIG #1	KBH: 13.00 Ft
DATE OF REPORT...: June 13, 1993	JOB NUMBER.....: 1152-93-0525
OFFICE SUPERVISOR: DICK SPENCER	

TIE-IN DATA					
Measured Depth	INCL	AZIMUTH	TVD	RECTANGULAR COORDINATES	
0.00	0.00	0.00	0.00	N-S 0.00	E-W 0.00

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**** RECORD OF SURVEY ****
 Calculated by DATADRIL's MWDDB Information Master
 All Angles are Decimal

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Method of Calculation: Minimum Curvature

Smith International Survey Report

Measured Depth (Ft)	Inc (Deg)	Azimuth (Deg)	RECTANGULAR COORDINATES			CLOSURE		Vertical Section (Ft)	OLS	Comment
			TVD (Ft)	N-S (Ft)	E-W (Ft)	Direction (Deg)	Distance (Ft)			
100.0	.37	138.07	100.00	-.24	.22	138.07	.32	.32	.37	
200.0	.62	117.30	200.00	-.73	.91	128.61	1.17	1.09	.30	
300.0	.76	105.87	299.99	-1.16	2.03	119.69	2.34	2.02	.20	
400.0	.65	110.57	399.98	-1.54	3.20	115.68	3.55	2.93	.12	
500.0	.71	107.51	499.97	-1.92	4.32	114.00	4.73	3.83	.07	
600.0	.61	89.03	599.97	-2.10	5.45	111.11	5.84	4.54	.23	
700.0	.41	85.81	699.96	-2.07	6.33	108.07	6.68	4.96	.20	
800.0	.37	86.93	799.96	-2.02	7.01	106.09	7.30	5.26	.04	
900.0	.20	94.33	899.96	-2.02	7.51	105.05	7.78	5.50	.17	
1000.0	.22	84.05	999.96	-2.01	7.87	104.34	8.13	5.68	.04	
1100.0	.21	75.60	1099.95	-1.95	8.24	103.29	8.47	5.81	.03	
1200.0	.23	90.13	1199.96	-1.90	8.62	102.44	8.83	5.96	.06	
1300.0	.15	120.62	1299.96	-1.97	8.93	102.43	9.15	6.17	.13	
1400.0	.14	133.94	1399.96	-2.12	9.14	103.07	9.38	6.40	.04	
1500.0	.13	142.73	1499.96	-2.30	9.29	103.88	9.57	6.63	.02	
1600.0	.19	116.97	1599.96	-2.46	9.51	104.51	9.82	6.89	.09	
1700.0	.19	124.89	1699.96	-2.63	9.79	105.04	10.14	7.17	.03	
1800.0	.26	122.14	1799.95	-2.85	10.12	105.71	10.51	7.53	.07	
1900.0	.34	130.17	1899.95	-3.16	10.54	106.68	11.00	8.01	.09	
2000.0	.30	126.59	1999.95	-3.51	10.98	107.71	11.52	8.52	.04	
2100.0	.29	161.96	2099.95	-3.90	11.26	109.11	11.92	9.01	.18	

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Smith International Survey Report

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Measured Depth (Ft)	Inc (Deg)	Azimuth (Deg)	RECTANGULAR COORDINATES			CLOSURE		Vertical Section (Ft)	OLE
			TWD (Ft)	N-S (Ft)	E-W (Ft)	Direction (Deg)	Distance (Ft)		
2200.0	.39	178.96	2199.95	-4.48	11.35	111.56	12.20	9.56	.14
2300.0	.52	192.48	2299.95	-5.27	11.26	115.07	12.43	10.19	.17
2400.0	.51	188.46	2399.94	-6.15	11.09	119.00	12.68	10.87	.04
2500.0	.54	196.27	2499.94	-7.04	10.90	122.88	12.97	11.55	.08
2600.0	.63	204.19	2599.93	-8.00	10.54	127.19	13.23	12.19	.12
2700.0	.32	191.30	2699.93	-8.77	10.26	130.53	13.50	12.73	.33
2800.0	.32	181.99	2799.93	-9.32	10.19	132.45	13.82	13.17	.05
2900.0	.21	178.95	2899.93	-9.79	10.19	133.85	14.13	13.57	.11
3000.0	.22	135.50	2999.93	-10.11	10.33	134.39	14.45	13.92	.16
3100.0	.12	133.70	3099.92	-10.32	10.54	134.40	14.75	14.20	.10
3200.0	.08	107.21	3199.92	-10.41	10.68	134.27	14.91	14.35	.06
3300.0	.11	56.46	3299.92	-10.38	10.83	133.79	15.00	14.40	.09
3400.0	.17	19.76	3399.92	-10.18	10.96	132.91	14.96	14.30	.10
3500.0	.09	340.87	3499.92	-9.97	10.98	132.24	14.83	14.13	.11
3600.0	.09	349.27	3599.92	-9.82	10.94	131.91	14.70	13.97	.01
3700.0	.04	249.86	3699.92	-9.75	10.89	131.84	14.62	13.89	.10
3800.0	.07	197.50	3799.92	-9.82	10.84	132.18	14.63	13.93	.06
3900.0	.09	203.56	3899.92	-9.95	10.79	132.69	14.68	14.02	.02
3970.0	.07	165.91	3969.92	-10.05	10.78	132.98	14.74	14.09	.08
4177.0	.10	235.50	4176.92	-10.27	10.66	133.93	14.80	14.23	.05
4207.0	1.40	170.10	4206.92	-10.65	10.70	134.85	15.10	14.57	4.54
4238.0	3.90	169.80	4237.88	-12.06	10.96	137.74	16.29	15.92	8.06
4269.0	7.30	167.70	4268.73	-15.02	11.56	142.41	18.96	18.79	10.99
4301.0	10.80	165.60	4300.33	-19.91	12.74	147.39	23.64	23.62	10.98
4330.0	14.20	163.10	4328.64	-25.95	14.45	150.89	29.70	29.70	11.87
4361.0	17.80	162.70	4358.43	-34.11	16.97	153.56	38.10	38.03	11.62
4391.0	21.50	161.30	4386.68	-43.70	20.09	155.31	48.10	47.89	12.43
4422.0	25.10	159.20	4415.15	-55.23	24.25	156.30	60.32	59.96	11.92
4453.0	28.60	153.60	4442.81	-68.03	29.89	156.28	74.31	73.86	13.92
4484.0	32.20	155.70	4469.54	-82.21	36.59	156.01	89.99	89.49	12.11
4514.0	35.70	154.30	4494.42	-97.39	43.68	155.85	106.73	106.18	11.95
4546.0	39.20	152.90	4519.82	-114.81	52.33	155.50	126.18	125.60	11.26
4577.0	42.30	152.90	4543.31	-132.82	61.55	155.14	146.39	145.80	10.00
4607.0	45.40	153.30	4564.94	-151.35	70.95	154.88	167.16	166.55	10.37
4639.0	49.10	153.30	4586.66	-172.34	81.51	154.69	190.65	190.01	11.56
4671.0	52.90	152.90	4606.79	-194.52	92.76	154.50	215.50	214.84	11.91

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CONSERVATION DIVISION
Wichita, Kansas

ORIGINAL

Smith International Survey Report

Measured Depth (Ft)	Inc (Deg)	Azimuth (Deg)	RECTANGULAR COORDINATES			CLOSURE		Vertical Section (Ft)	DLS	Comment
			TVD (Ft)	N-S (Ft)	E-W (Ft)	Direction (Deg)	Distance (Ft)			
4701.0	55.70	152.90	4624.08	-216.34	103.92	154.34	240.00	239.31	12.67	
4732.0	60.70	152.50	4640.18	-239.87	116.07	154.18	266.48	265.77	12.95	
4747.0	62.50	152.50	4647.32	-251.57	122.17	154.10	279.66	278.95	12.00	
4796.0	68.10	152.50	4667.78	-291.04	142.71	153.88	324.15	323.41	11.43	
4827.0	73.70	155.60	4677.92	-317.37	155.51	153.90	353.43	352.61	20.38	
4871.0	83.40	158.50	4686.65	-357.04	172.29	154.24	396.43	395.35	22.97	
4893.0	85.10	158.70	4688.85	-377.42	180.27	154.47	418.26	416.98	7.78	
4925.0	85.70	158.50	4691.42	-407.12	191.91	154.76	450.08	448.53	1.98	
4956.0	88.30	159.90	4693.04	-436.05	202.91	155.05	480.95	479.09	9.52	
4987.0	90.20	160.30	4693.45	-465.20	213.46	155.35	511.83	509.60	6.26	
5019.0	91.50	161.70	4692.97	-495.45	223.87	155.68	543.68	541.01	5.97	
5049.0	91.60	163.40	4692.16	-524.06	232.86	156.04	573.47	570.28	5.67	
5080.0	92.00	163.40	4691.19	-553.75	241.72	156.42	604.21	600.42	1.29	
5110.0	92.20	162.00	4690.09	-582.37	250.63	156.71	634.02	629.67	4.71	
5141.0	93.20	163.40	4688.63	-611.94	259.84	156.99	664.82	659.87	5.55	
5170.0	92.60	165.60	4687.16	-639.85	267.58	157.31	693.54	687.91	7.85	
5200.0	90.30	165.90	4686.40	-668.91	274.96	157.65	723.22	716.77	7.73	
5232.0	87.50	166.60	4687.02	-699.98	282.57	158.02	754.87	747.49	9.02	
5262.0	87.00	168.40	4688.46	-729.24	289.05	158.38	784.44	776.06	6.22	
5293.0	86.50	171.90	4690.22	-759.73	294.34	158.82	814.75	805.12	11.39	
5325.0	86.60	171.90	4692.14	-791.35	298.85	159.31	845.90	834.75	.31	
5356.0	87.70	175.00	4693.68	-822.11	302.98	159.81	875.95	863.15	10.60	
5387.0	89.70	176.10	4694.39	-853.00	304.78	160.34	905.82	891.11	7.36	
5418.0	90.80	176.50	4694.25	-883.94	306.78	160.86	935.66	918.90	3.78	
5448.0	90.20	178.90	4693.99	-913.91	307.99	161.38	964.41	945.46	8.25	
5479.0	90.80	180.90	4693.72	-944.91	308.04	161.94	993.85	972.33	6.74	
5510.0	92.00	180.00	4692.96	-975.90	307.80	162.49	1023.28	999.05	4.84	
5539.0	92.00	181.70	4691.95	-1004.87	307.37	162.99	1050.83	1023.93	5.86	
5570.0	91.20	182.10	4691.08	-1035.84	306.34	163.53	1080.19	1050.24	2.89	
5602.0	91.20	182.80	4690.41	-1067.81	304.97	164.06	1110.50	1077.23	2.19	
5632.0	90.80	182.80	4689.89	-1097.77	303.51	164.55	1138.95	1102.45	1.33	
5664.0	88.30	183.80	4690.14	-1129.71	301.66	165.05	1169.29	1129.19	8.41	
5695.0	89.00	185.90	4690.87	-1160.59	299.04	165.55	1198.50	1154.62	7.14	
5725.0	91.80	187.40	4690.66	-1190.38	295.57	166.06	1226.53	1178.69	10.59	
5756.0	93.70	188.80	4689.18	-1221.04	291.21	166.59	1255.28	1203.05	7.61	
5786.0	94.80	190.50	4686.95	-1250.53	286.19	167.11	1282.86	1226.09	6.74	

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CONSERVATION DIVISION
Wichita, Kansas

Smith International Survey Report

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Measured Depth (Ft)	Inc (Deg)	Azimuth (Deg)	RECTANGULAR COORDINATES			CLOSURE		Vertical Section (Ft)	DLS	Comment
			TVD (Ft)	N-S (Ft)	E-W (Ft)	Direction (Deg)	Distance (Ft)			
5817.0	93.70	190.70	4684.65	-1280.92	280.51	167.65	1311.27	1249.56	3.61	
5849.0	90.50	189.50	4683.48	-1312.39	274.90	168.17	1340.88	1274.02	10.68	
5881.0	88.90	188.10	4683.65	-1344.01	270.01	168.64	1370.87	1298.95	6.64	
5912.0	88.60	187.70	4684.33	-1374.71	265.75	169.06	1400.16	1323.41	1.61	
5943.0	87.30	188.10	4685.43	-1405.40	261.49	169.46	1429.52	1347.85	4.39	
5974.0	86.40	187.40	4687.14	-1436.07	257.31	169.84	1458.94	1372.33	3.68	
6004.0	86.40	187.00	4689.02	-1465.77	253.56	170.19	1487.54	1396.18	1.33	
6036.0	87.00	187.00	4690.86	-1497.48	249.67	170.53	1518.15	1421.69	1.87	
6068.0	86.90	187.00	4692.57	-1529.20	245.77	170.87	1548.82	1447.21	.31	
6117.0	86.90	187.00	4695.22	-1577.76	239.81	171.36	1595.88	1486.29	0.00	PROJECT TD

0.00 Ft PROJECTION TO BIT (OR OTHER)

Measured Depth	Inc	Azimuth	RECTANGULAR COORDINATES			CLOSURE		Vertical Section	DLS	PROJECTION
			TVD	N-S	E-W	Direction	Distance			
[REDACTED]	86.90	187.00	[REDACTED]	-1627.32	233.73	[REDACTED]	1644.02	1526.16	0.00	0.00 Ft

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Wichita, Kansas

JOB LOG

CUSTOMER CHANCE DPLG CO

PAGE NO. 1

FORM 2013 R-2

JOB TYPE 10 3/4 SURFACE

DATE 5-19-93

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2000							ORIGINAL JOB READY NOW CALLED OUT FOR JOB PUMP TRUCK & BULK TRUCK ON LOCATION RIG STILL DRILLING 10 3/4" HOLE SET UP PUMP TRUCK RIG THROUGH CUTTING HOLE ON BOTTOM CIRCULATING
	2000							
	2145							
	2245							AUG 1-7 PULL DRILL PIPE START RUNNING 10 3/4" CSG + PRT EQUIP CASING ON BOTTOM 345' HOOK UP PRT + CIRCULATING FROM START CIRCULATING WITH RIG PUMP THROUGH CIRCULATING HOOK UP TO PUMP TRUCK PUMP 5 BBL FRESH WATER AHEAD START MIXING CEMENT THROUGH MIXING CEMENT SHUT DOWN RELEASE PLUG START DISPENSING plug down CIRCULATED CEMENT
	2330							CONFIDENTIAL
	2415							
	2425							
	2445	7.0					400	
	2446	7.0					400	
			68.5				0	
	0100	6.0						
	0105		32.5				250	

FRANK YACC
CALL A CASH
WOODIE, KURT, MIKE

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Wichita, Kansas

WELL DATA FIELD _____ SEC 19 TWP 28S RNG 15W COUNTY PRATT STATE KS

FORMATION NAME _____ TYPE _____ FORMATION THICKNESS _____ FROM _____ TO _____ INITIAL PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD PRESENT PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____ PACKER TYPE _____ SET AT _____ BOTTOM HOLE TEMP. _____ PRESSURE _____ MISC. DATA _____ TOTAL DEPTH 350

Table with columns: NEW USED, WEIGHT, SIZE, FROM, TO, MAXIMUM PSI ALLOWABLE. Rows: CASING (U, 32.75, 10 3/4, KB, 345), LINER, TUBING (HCU, UNFINISHED), OPEN HOLE, PERFORATIONS (AUG 17), PERFORATIONS (CONFIDENTIAL), PERFORATIONS (CONFIDENTIAL).

TOOLS AND ACCESSORIES Table with columns: TYPE AND SIZE, QTY, MAKE. Rows: FLOAT COLLAR, FLOAT SHOE, GUIDE SHOE, CENTRALIZERS (S-4, 10 3/4, 2, HILCO), BOTTOM PLUG, TOP PLUG (10 1/2, 10 3/4, 1, 4), HEAD (DPC, 10 3/4, 1, 10 1/2), PACKER, OTHER.

JOB DATA Table with columns: CALLED OUT, ON LOCATION, JOB STARTED, JOB COMPLETED. Rows: DATE (8-19-93), DATE (8-19-93), DATE (8), DATE, TIME (7000), TIME (2145), TIME, TIME.

MATERIALS TREAT. FLUID _____ DENSITY _____ LB/GAL API DISPL. FLUID _____ DENISTY _____ LB/GAL API PROP. TYPE _____ SIZE _____ LB ACID TYPE _____ GAL % ACID TYPE _____ GAL % ACID TYPE _____ GAL % SURFACTANT TYPE _____ GAL IN NE AGENT TYPE _____ GAL IN FLUID LOSS ADD. TYPE _____ GAL-LB IN GELLING AGENT TYPE _____ GAL-LB IN FRIC. RED. AGENT TYPE _____ GAL-LB IN BREAKER TYPE _____ GAL-LB IN BLOCKING AGENT TYPE _____ GAL-LB PERFPAC BALLS TYPE _____ QTY OTHER OTHER

PERSONNEL AND SERVICE UNITS Table with columns: NAME, UNIT NO. & TYPE, LOCATION. Rows: J. WOODROW 62573 (PIU, 37537, PRATT, KS), K. DUTCH 86660 (S0120, RCM, "), M. POLYARD 50848 (4147 BULK, 15621, ").

CEMENT DATA Table with columns: STAGE, NUMBER OF SACKS, CEMENT, BRAND, BULK SACKED, ADDITIVES, YIELD CU.FT/SK, MIXED LBS/GAL. Row: 295, 40/60 po2, HILCO, b, 21 gal, 37cc, 1.30, 13.9.

DEPARTMENT CEMENT DESCRIPTION OF JOB CEMENT 10% SURFACE CSB JOB DONE THRU TUBING [] CASING [] ANNULUS [] TBG/ANN [] CUSTOMER REPRESENTATIVE H. Woodrow HALLIBURTON OPERATOR COPIES REQUESTED

PRESSURES IN PSI SUMMARY CIRCULATING _____ DISPLACEMENT _____ BREAKDOWN _____ MAXIMUM _____ AVERAGE _____ FRACTURE GRADIENT _____ SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ HYDRAULIC HORSEPOWER _____ ORDERED _____ AVAILABLE _____ USED _____ AVERAGE RATES IN BPM _____ TREATING _____ DISPL _____ CEMENT LEFT IN PIPE _____ FEET 20 REASON By REQUEST

RELEASED SEP 6 1994 FROM CONFIDENTIAL VOLUMES PRESFLUSH: BBL-GAL 5 TYPE FRESH WATER LOAD & BKDN: BBL-GAL TREATMENT: BBL-GAL DISPL (BBL) CEMENT SLURRY: BBL-GAL 68.3 TOTAL VOLUME: BBL-GAL REMARKS RECEIVED STATE COMMISSION AUG 20 1993 CONSERVATION DIVISION Wichita, Kansas

CUSTOMER CHANCE DRUG CO. EAST ROBBINS FROST 1031 SWAYNE DATE 8-19-93

FORM 1908 R-7

A Division of Halliburton Company

DISTRICT PRATT, KS ORIGINAL DATE 5-19-93

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

THE SAME AS AN INDEPENDENT CONTRACTOR TO: CHANGE DRILLING CO (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 1 LEASE ROBBINS TRUST SEC. 19 TWP. 28S RANGE 154

FIELD COUNTY PRATT STATE KS OWNED BY

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME TYPE, THICKNESS FROM TO, PACKER TYPE SET AT, TOTAL DEPTH 350 MUD WEIGHT, BORE HOLE 19 3/4, INITIAL PROD, PRESENT PROD

Table with columns: NEW USED, WEIGHT, SIZE, FROM, TO, MAX. ALLOW. P.S.I. Rows include CASING, LINER, TUBING, OPEN HOLE, PERFORATIONS.

PREVIOUS TREATMENT: DATE TYPE MATERIALS

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED

CEMENT 10 3/4 SURFACE CASING WITH 295 SRS 40/60 P07 28 GCS 38 CC

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

- a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice.
b) To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law.
c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the effectiveness of the products, supplies or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton.
d) That Halliburton 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, OF MERCHANTABILITY, FITNESS, OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE.
e) That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton.
f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
g) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
h) That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

SIGNED [Signature] CUSTOMER DATE 5-19-93 TIME 2:45 A.M. (P.D.) RECEIVED STATE COMMISSION AUG 20 1993 CONSERVATION DIVISION Wichita, Kansas

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

FIELD OFFICE

DISTRICT Hayes ORIGINAL DATE 5-31-93

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: Chance Dr/g (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 1 LEASE Robbins Trust SEC 19 TWP. 28S RANGE 15W
FIELD _____ COUNTY Pratt STATE KS OWNED BY SAME

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO _____
PACKER: TYPE _____ SET AT _____
TOTAL DEPTH _____ MUD WEIGHT RELEASED
BORE HOLE _____ SFP 6 1994
INITIAL PROD: OIL _____ BPD; H₂O _____ BPD; GAS _____ MCF _____
PRESENT PROD: OIL _____ BPD; H₂O _____ BPD; GAS _____ MCF _____
FROM CONFIDENTIAL

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	<u>4</u>	<u>29.7</u>	<u>7 7/8</u>	<u>KB</u>	<u>4804</u>	
LINER						
TUBING						
OPEN HOLE		<u>N/C</u>		<u>4804</u>	<u>4804</u>	SHOTS/FT.
PERFORATIONS			<u>AUG 17</u>			
PERFORATIONS			<u>CONFIDENTIAL</u>			
PERFORATIONS			<u>CONFIDENTIAL</u>			

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED

Set 4804 1 7/8 CSG w/ 20 bbl's SA+ Flush, 18 bbl's
Supr Flush for DEE flush @ 150 SKS 40/60 P2 270 Gal 10% SA+
9% HALAD-9; K&E Flocculant 10% Gilsonite 1SK

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

As consideration, the above named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

- a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.
- b) To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law:
 - Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
 - Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 - Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by Halliburton's negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether in the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections b) and c) shall mean Halliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.
- c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the effectiveness of the products, supplies or materials; nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.
- d) That Halliburton 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, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton'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 Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.
- e) That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for major operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to the well and which are not returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
- f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
- g) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- h) That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

SIGNED _____ CUSTOMER

DATE 5-31-93

TIME 1:00 P.M.

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

FIELD OFFICE

RECEIVED
STATE CORPORATION COMMISSION
AUG 20 1993
CONSERVATION DIVISION
Wichita, Kansas

CUSTOMER CHANGE DELC LEASE Robb's Trust WELL NO. 108 JOB TYPE 7 5/8 PROD

WELL DATA

FIELD _____ SEC A TWP. 28S RNG. 15W COUNTY DEATH STATE KS

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	11	29.7	7 5/8	KB	4804	
LINER						
TUBING						
OPEN HOLE				4804	4804	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>SS w/ fill ups</u>	<u>1</u>	<u>4060</u>
FLOAT SHOE <u>SS w/ fill ups</u>	<u>1</u>	
GUIDE SHOE		
CENTRALIZERS <u>T. pholator</u>	<u>18</u>	
BOTTOM PLUG		
TOP PLUG		
HEAD O VALVE	<u>1</u>	
PACKER		
OTHER <u>MANUWELD A</u>	<u>2/b</u>	

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>5-31</u>	DATE <u>5-31</u>	DATE <u>5-31</u>	DATE <u>5-31</u>
TIME <u>NOON</u>	TIME <u>1430</u>	TIME	TIME

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL-API _____

DISPL. FLUID _____ DENSITY _____ LB/GAL-API _____

PROP. TYPE _____ SIZE _____ LB. _____

PROP. TYPE _____ SIZE _____ LB. _____

ACID TYPE _____ GAL _____ % _____

ACID TYPE _____ GAL _____ % _____

ACID TYPE _____ GAL _____ % _____

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>24221 MCDUFF</u>	<u>40037</u>	<u>25555</u>
<u>B2663 Mousler</u>	<u>4410</u>	<u>PCWY</u>
<u>41254 PARKER</u>	<u>1301K</u>	
<u>50448 BOLWARD</u>	<u>36775</u>	
<u>86660 Duffort</u>	<u>Du</u>	
<u>MSC</u>		

RELEASED

6 1994

FROM CONFIDENTIAL

PERF PAC BALLS TYPE _____ QTY _____

OTHER _____

OTHER _____

CONFIDENTIAL

DEPARTMENT _____

DESCRIPTION OF JOB _____

SOI 4804' 7 5/8 PROD

JOB DONE THRU: TUBING CASING ANNULUS TBS/ANN

CUSTOMER REPRESENTATIVE _____

HALLIBURTON OPERATOR _____

COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDMIVES	YIELD CU.FT/SK	MIXED LBS/GAL
	<u>150</u>	<u>Poz</u>	<u>40/60</u>	<u>B</u>	<u>22% GEL 10% SALT 9% HALAD-9</u>	<u>1.23</u>	<u>1450</u>
					<u>14 # Floccs 10 # C. 150 # K</u>		

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT _____

SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____

HYDRAULIC HORSEPOWER _____

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 4085 REASON Flocc collar

VOLUMES

PRESLUSH BBL-GAL 20.48 TYPE SALT-S. prefills

LOAD & BKDR: BBL-GAL _____ PAD: BBL-GAL _____

TREATMENT: BBL-GAL _____

CEMENT SLURRY: BBL-GAL 4327.3285 DISPL: BBL-GAL 218.75

TOTAL VOLUME: BBL-GAL _____

REMARKS _____

STATE CORPORATION RECEIVED

AUG 2 0

CONSERVATION DIVISION
Wichita, Kansas