

SIDE ONE

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

API NO. 15- 129-21395-00-00

**ORIGINAL**

County Morton

Operator: License # 4742

NE Sec. 3 Twp. 34S Rge. 40 X <sup>E</sup>

3885 Feet from S (circle one) Line of Section

Name: Texaco E & P, Inc.

1320 Feet from E (circle one) Line of Section

Address P.O. Box 2700

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

City/State/Zip Pampa, TX 79066-2700

Lease Name D. E. Stout Well # 3-3

Hugoton

Purchaser: Northern Natural Gas

Producing Formation Krider, Winfield, U. Ft. Riley

Operator Contact Person: Sylvia Porter

Elevation: Ground 3311' KB 3321'

Phone (806) 669-8456

Total Depth 2900' PBDT 2849'

Contractor: Name: Allen Drilling Co.

Amount of Surface Pipe Set and Cemented at 543' Feet

License: 5418

Multiple Stage Cementing Collar Used? Yes X No

Wellsite Geologist: Phil Schreiner

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

Designate Type of Completion

RECEIVED  
STATE CORPORATION COMMISSION  
1-22-1996  
JAN 22 1996  
WICHITA, KANSAS

X New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover

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

Oil \_\_\_\_\_ SWD \_\_\_\_\_ SLOW \_\_\_\_\_ Temp. Abd. \_\_\_\_\_

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

X Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW \_\_\_\_\_

Drilling Fluid Management Plan ATI 4-8-96  
(Data must be collected from the Reserve Pit)

Other (Core, WSW, Expl., Cathodic, etc.) \_\_\_\_\_

If Workover/Re-Entry: old well info as follows:

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

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

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

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

\_\_\_\_\_ Deepening \_\_\_\_\_ Re-perf. \_\_\_\_\_ Conv. to Inj/SWD

Dewatering method used \_\_\_\_\_

\_\_\_\_\_ Plug Back \_\_\_\_\_ PBDT

Location of fluid disposal if hauled offsite: \_\_\_\_\_

\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_

Operator Name \_\_\_\_\_

\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

\_\_\_\_\_ Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

\_\_\_\_\_ Quarter Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rge. \_\_\_\_\_ E/W

10-20-95 10-23-95 11-7-95

County \_\_\_\_\_ Docket No. \_\_\_\_\_

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 [Signature]

Title Operations Manager Date 1-18-96

Subscribed and sworn to before me this 18<sup>th</sup> day of JANUARY 19 96

Notary Public: Merle W. Sewell

Date Commission Expires: 2-23-99

K.C.C. OFFICE USE ONLY		
F	Letter of Confidentiality Attached	
C	<input checked="" type="checkbox"/> Wireline Log Received	
C	<input checked="" type="checkbox"/> Drillers Timelog Received	
Distribution		
<input checked="" type="checkbox"/> KCC	SWD/Rep	NGPA
<input type="checkbox"/> KGS	Plug	Other
(Specify)		

SIDE TWO

Operator Name Texaco E & P Inc. Lease Name D. E. Stout Well # 3-3  
 Sec. 3 Twp. 34S Rge. 40  East  West  
 County Morton

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.)  Yes  No  Log Formation (Top), Depth and Datums  Sample  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No Name Top Datum  
 Electric Log Run (Submit Copy.)  Yes  No See Attached

List All E.Logs Run:  
 Array Induction/Microlog GR/Compensated Neutron

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	12-1/4"	8-5/8"	24#	543'	See Att.		
Production	7-7/8"	4-1/2"	10.5#	2867'	See Att.		

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD				
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
1	2468' - 2680'	2000 Gal. 15% HCL w/740 bbl	
1	2494' - 2506'	20# crosslinked gel with	
1	2530' - 2552'	130,560# 12/20 Brady Sand	
1	2600' - 2620'		

TUBING RECORD Size 2-3/8" Set At 2649' Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First Resumed Production, SWD or Inj. Production 11-17-95 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	440	0		

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION  Open Hole  Perforation  Dually Completed  Commingled  Other (Specify) \_\_\_\_\_ Production Interval 2468' - 2620'

ORIGINAL

**D. E. STOUT #3-3**  
API #15-129-21395  
Section 3-34S-40W  
Morton County, Kansas

Formation Tops and Datum  
(KB Elevation +3321.0')

<u>Formation</u>	<u>Top</u>	<u>Datum</u>
Upper Krider	2468'	+853
Lower Krider	2494'	+827
Winfield	2530'	+791
Upper Ft. Riley	2600'	+721

RECEIVED  
STATE CORPORATION COMMISSION

JAN 22 1996

WICHITA, KANSAS

ORIGINAL

**D. E. STOUT #3-3**  
API #15-129-21395  
Section 8-35S-40W  
Morton County, Kansas

Cementing Data

8-5/8" Surface Casing Cement - Dowell Schlumberger Inc. - Invoice #0312-7710

~~175~~ 175 sacks 35/65 Poz, 6% Gel, 2% CC

150 sacks Class C, 2% CC, 1/4# Floseal

Circulated approximately 12.5 bbls. to surface

4-1/2" Production Casing Cement - Dowell Schlumberger, Inc. - Invoice #0312-7722

~~225~~ 225 sacks Class C, 3% D-79, 1/4#/sk D-29

200 sacks Class C, 1/4#/sk D-29

Circulated approximately 5 bbls. to surface

RECEIVED  
STATE CORPORATION COMMISSION

JAN 2 2 1996

CONSERVATION DIVISION  
MORTON COUNTY, KANSAS

Schlumberger

Dowell

0312

REMIT TO: P O BOX 201556  
HOUSTON TX 77216

# INVOICE

INVOICE DATE

10/21/95

PAGE

INVOICE NUMBER

03-12-7710

633668  
TEXACO SERVICES INC 239382138

P O BOX 2700  
PAMPA TX 79066

## ORIGINAL

TYPE SERVICE

CEMENTING  
CEMENT SURFACE C

WELL NAME / JOB SITE	STATE	COUNTY / CITY	SERVICE FROM LOCATION	SHIPPED VIA	CUSTOMER P.O. NO./REF
STOUT 3	KS	MORTON	ULYSSES	DOWELL	HBO 192001
LOCATION / PLANT ADDRESS			DATE OF SERVICE ORDER	CUSTOMER OR AUTHORIZED REPRESENTATIVE	
SEC 3-34S-46W 433 977			10/20/95	R. STEVENSON	

ITEM CODE	DESCRIPTION	UOM	QTY	LIST PRICE	LIST AMOUNT	% OFF	NET PRICE	NET AMOUNT	
102871010	CSNG CMNT 501-1000' 1ST 8 HR	BHR	1	840.0000	840.00	60.0	336.0000	336.00	
049102000	TRANSPORTATION CMNT TON MILE	MI	739	1.0000	739.00	60.0	.4000	295.60	
049100000	SERVICE CHG CEMENT MATL LAND	CFT	355	1.3600	482.80	60.0	.5440	193.12	
059697000	PACK TREAT ANALYSIS RECORDER	JOB	1	159.0000	159.00	60.0	63.6000	63.60	
059200002	MILEAGE, ALL OTHER EQUIPMENT	MI	47	2.9500	138.65	60.0	1.1000	55.46	
040003000	D903 , CEMENT CLASS C	CFT	265	9.0600	2,400.90	60.0	3,6240	960.36	
101545000	D132 , LITEPOZ	CFT	62	4.3900	272.18	60.0	1.7560	108.87	
045014050	D20, BENTONITE EXTENDER	LBS	970	.1700	164.90	60.0	.0600	65.96	
067005100	S1,CALCIUM CHLORIDE	LBS	594	.4000	237.60	60.0	.1600	95.04	
044003025	D29, CELLOPHANE FLAKES	LBS	82	1.7700	145.14	60.0	.7000	58.06	
056702085	PLUG CEMG 8-5/8" TOP PLASTIC	EA	1	109.0000	109.00	60.0	43.6000	43.60	
053003085	INSERT ORIFICE FILL 8-5/8"	EA	1	360.0000	360.00	60.0	144.0000	144.00	
056011085	CENTR REG 8-5/8,B DIA 12"	EA	1	82.0000	82.00	60.0	32.8000	32.79	
040601000	CEMENT HEAD RENTAL	JOB	1	70.0000	70.00	100.0	.0000	N/C	
						6,201.17	60.4	SUB TOTAL --	2,452.46
M C	STATE TAX ON							1,804.28	88.41
M F C	LOCAL TAX ON							1,804.28	18.04
								AMOUNT DUE --	2,558.91

RECEIVED  
STATE CORPORATION COMMISSION

JAN 22 1996

601 WICHITA, KANSAS

WITH QUESTIONS CALL 316-356-1272

FEDERAL TAX ID # 22-1692661

TERMS -- NET 30 DAYS DUE ON OR BEFORE NOV 20, 1995

THANK YOU. WE APPRECIATE YOUR BUSINESS.

\*\* WE CAN INVOICE YOU VIA EDI. CALL (713)275-8414 FOR INFORMATION \*\*

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER 7-710	DATE 10-20-85
STAGE 1	DS 03
DISTRICT 19	

DS-486-3 PRINTED IN U.S.A.

WELL NAME AND NO. STOUT 3	LOCATION (LEGAL) SEC. 3-345-40W	RIG NAME Allen 2
FIELD-POOL Hector	FORMATION SURF	WELL DATA
COUNTY/PARISH MORTON	STATE KS	API. NO.
NAME Texaco	ORIGINAL	
AND	ADDRESS	
SPECIAL INSTRUCTIONS Baffles int. 8 3/4 as per customer order		

BIT SIZE 12 1/4	CSG/Liner Size 8 5/8	BOTTOM	TOP
TOTAL DEPTH 560	WEIGHT 24		
<input type="checkbox"/> BOT <input type="checkbox"/> CABLE	FOOTAGE 553		
MUD TYPE	GRADE C1550		
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT	THREAD 8RD		
MUD DENSITY	LESS FOOTAGE SHOE JOINT(S) 5.1		TOTAL
MUD VISC.	Disp. Capacity 32.6		

NOTE: Include Footage From Ground Level To Head In Disp. Capacity

IS CASING/TUBING SECURED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
LIFT PRESSURE 230 PSI	CASING WEIGHT - SURFACE AREA (3.14 x R <sup>2</sup> )
PRESSURE LIMIT 1500 PSI	BUMP PLUG TO 940 PSI
ROTATE RPM	RECIPROCATÉ FT. No. of Centralizers

Float	TYPE AUTO FILL FLAP	DEPTH 5.11	Stage Tool	TYPE	DEPTH
SHOE	TYPE Tex Rex	DEPTH 553		TYPE	DEPTH
Head & Plugs	<input type="checkbox"/> TBG <input type="checkbox"/> D.P.	SQUEEZE JOB			
<input type="checkbox"/> Double	SIZE	TOOL	TYPE		
<input checked="" type="checkbox"/> Single	WEIGHT	DEPTH			
<input type="checkbox"/> Swage	GRADE	TAIL PIPE: SIZE		DEPTH	
<input type="checkbox"/> Knockoff	THREAD	TUBING VOLUME Bbls			
TOP <input type="checkbox"/> OR <input type="checkbox"/> W	<input type="checkbox"/> NEW <input type="checkbox"/> USED	CASING VOL. BELOW TOOL Bbls			
BOT <input type="checkbox"/> OR <input type="checkbox"/> W	DEPTH	TOTAL Bbls			
		ANNUAL VOLUME Bbls			

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
	TBG OR D.P.	CASING	INCREMENT	CUM	TIME	DATE	TIME	DATE	TIME	DATE	
0001 to 2400											
20:50		1506					H2O	8.3			PSI TEST
20:51		50	10		6.0		H2O	11			START H2O
20:54		190	65	10	6.0		CMT	12.2			STARTED CMT
21:06		220	34	79	6.0		CMT	14.8			START TA-1 CMT
21:16		110		13			H2O	8.3			SHUT-DOWN DROP TOP PLUG
21:18		190	32.5	20				11			CMT TO SURF. START DISP.
21:19		180		20	2.0			11			LOWER RATE
21:23		940		30.5	2.0			11			BUMP TOP PLUG
21:23		920		32.5				11			BLEED OFF PSI - CHECK FLOAT

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS	SLURRY MIXED BBLs	DENSITY
1	175	2.1	165 #2 + 6% D-29 + 2453-1 + 4% SK D-29	67	12.2
3	150	1.32	C + 2% 5-1/2" 4-3/4" D-29	36	14.8

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE	MAX 940	MIN 50
<input type="checkbox"/> HESITATION SQ	<input type="checkbox"/> RUNNING SQ	CIRCULATION LOST	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Cement Circulated To Surface <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO 12.5 Bbls	
BREAKDOWN	PSI	FINAL	PSI	DISPLACEMENT VOL.	32.5 Bbls
Washed Thru Perfs	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	TO	FT	MEASURED DISPLACEMENT	<input type="checkbox"/> WIRELINE
PERFORATIONS	TO	TO	CUSTOMER REPRESENTATIVE	DS	SUPERVISOR
			Richard Stevenson		Key Pearson

Dowell

0312

REMIT TO: P.O. BOX 201556  
HOUSTON TX 77216

INVOICE

633668  
TEXACO SERVICES INC 239382138

P O BOX 2700  
PANPA TX 79066

ORIGINAL

PAGE	1	INVOICE DATE	10/23/95
TYPE SERVICE		INVOICE NUMBER	
CEMENTING CEMENT PRODUCTIO		03-12-772	

WELL NAME / JOB SITE	STATE	COUNTY / CITY	SERVICE FROM LOCATION	SHIPPED VIA	CUSTOMER P.O. NO./REF
STOUT 3	KS	MORTON	ULYSSES	DOWELL	HBO 192081
LOCATION / PLANT ADDRESS			DATE OF SERVICE ORDER	CUSTOMER OR AUTHORIZED REPRESENTATIVE	
SEC 3-343-40W 433.977			10/23/95	R. STEVENSON	

ITEM CODE	DESCRIPTION	UOM	QTY	LIST PRICE	LIST AMOUNT	% OFF	NET PRICE	NET AMOUNT
102871030	CSNG CMNT 2501-3000' 1ST 8HR	8HR	1	1,390.0000	1,390.00	60.0	556.0000	556.00
059200002	MILEAGE, ALL OTHER EQUIPMENT	MI	49	2.9500	144.55	60.0	1.1800	57.82
049100000	SERVICE CHG CEMENT MATL LAND	CFT	436	1.3600	592.96	60.0	.5440	237.18
049102000	TRANSPORTATION CMNT TON MILE	MI	1001	1.0000	1,001.00	60.0	.4000	400.40
059697000	PACR TREAT ANALYSIS RECORDER	JOB	1	159.0000	159.00	60.0	63.6000	63.60
048601000	CEMENT HEAD RENTAL	JOB	1	70.0000	70.00	100.0	.0000	N/C
040003000	D903 , CEMENT CLASS C	CFT	427	9.0600	3,868.62	60.0	3.6240	1,547.45
045041100	D79, CHEMICAL EXTENDER	LBS	635	1.4400	914.40	60.0	.5760	365.76
044003025	D29, CELLOPHANE FLAKES	LBS	106	1.7700	187.62	60.0	.7080	75.05
050101044	SHOE CEN TYPE GUIDE 4-1/2"	EA	1	120.0000	120.00	60.0	48.0000	48.00
053003044	INSERT ORIFICE FILL 4-1/2"	EA	1	220.0000	220.00	60.0	88.0000	88.00
056011044	CENTR REG 4-1/2, B DIA 7-3/4"	EA	3	58.0000	174.00	60.0	23.2000	69.60
056000044	BASKET CENG CASING 4-1/2"	EA	1	162.0000	162.00	60.0	64.8000	64.80
057499001	K232, THD LKG COMPOUND KIT	EA	1	28.0000	28.00	60.0	11.2000	11.20
056702044	PLUG CENG 4-1/2" TOP PLASTIC	EA	1	49.0000	49.00	60.0	19.6000	19.60
					9,081.15	60.3	SUB TOTAL --	3,604.46
M C	STATE TAX ON						2,689.85	131.81
M F C	LOCAL TAX ON						2,689.85	26.90
							AMOUNT DUE --	3,763.17

WITH QUESTIONS CALL 316-356-1272  
FEDERAL TAX ID # 22-1692661  
TERMS -- NET 30 DAYS DUE ON OR BEFORE NOV 22, 1995

THANK YOU. WE APPRECIATE YOUR BUSINESS.

\*\* WE CAN INVOICE YOU VIA EDI. CALL (713)275-8414 FOR INFORMATION \*\*

**CEMENTING SERVICE REPORT**

Schlumberger

Dowell

**DOWELL SCHLUMBERGER INCORPORATED**

TREATMENT NUMBER: 0312-77D DATE: 10-23-95  
 STAGE: DS DISTRICT: UNSOBS/Kansas 0312

DS-406-A PRINTED IN U.S.A.

WELL NAME AND NO. Stout #3 LOCATION (LEGAL) Sec 3-345-40W  
 FIELD-POOL \_\_\_\_\_ FORMATION \_\_\_\_\_  
 COUNTY/PARISH Morton 129 STATE Kansas-15 APL. NO. \_\_\_\_\_  
 NAME Texaco  
 AND ORIGINAL  
 ADDRESS \_\_\_\_\_ ZIP CODE \_\_\_\_\_

WELL DATA:		BOTTOM	TOP
BIT SIZE	CSGLiner Size	<u>4 1/2</u>	
TOTAL DEPTH	WEIGHT	<u>10.5</u>	
<input type="checkbox"/> ROT <input type="checkbox"/> CABLE	FOOTAGE	<u>2909.79</u>	
MUD TYPE	GRADE		
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT	THREAD	<u>8RD</u>	
MUD DENSITY	LESS FOOTAGE SHOE JOINT(S)	<u>12.05</u>	TOTAL
MUD VISC.	D/Sp. Capacity	<u>45.6</u>	

NOTE: Include Footage From Ground Level To Head In Disp. Capacity

SHOE	TYPE	DEPTH	STAGE TOOL	TYPE	DEPTH
	<u>Office Fillinsert</u>	<u>2867.79</u>			
	<u>Cement Nose</u>	<u>2909.79</u>			

Head & Plugs  T.B.G.  D.P.  SQUEEZE JOB

Double  WEIGHT  TOOL TYPE

Single  GRADE TAIL PIPE: SIZE DEPTH

Swage  THREAD TUBING VOLUME Bbls

Knockoff  NEW  USED CASING VOL. BELOW TOOL Bbls

TOP  OR  BOT. OR  OW. DEPTH TOTAL Bbls

ANNUAL VOLUME Bbls

SPECIAL INSTRUCTIONS  
Rig up and Pump 22500 lbs lead and 20000 lbs tail per company man's instruction

IS CASING/TUBING SECURED?  YES  NO

LIFT PRESSURE 1922 PSI CASING WEIGHT ÷ SURFACE AREA (3.14 x R<sup>2</sup>)

PRESSURE LIMIT 2500 PSI BUMP PLUG TO 1220 PSI

ROTATE RPM RECIPROCATE FT No. of Centralizers 3

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR			ARRIVE ON LOCATION	LEFT LOCATION
	T.B.G. OR D.P.	CASING	INCREMENT	CUM.	TIME	DATE	TIME: <u>0300</u> DATE: <u>10-23</u>	TIME: <u>08:15</u> DATE: <u>10-23-95</u>	
06:15	2500								
06:18		380	25		6	H <sub>2</sub> O	8:34	Measure Test lines to 2000	
06:23		530	110	25	6	Cement	11:5	Start H <sub>2</sub> O Ahead	
06:42		240	47	135	6	Cement	14.8	Start Lead Cement	
06:51		80		182	6	Cement	14.8	Start Tail Cement	
06:55			45.6		6	H <sub>2</sub> O	8:34	Shot down washlines - Drop plug	
07:00		550		30	6	H <sub>2</sub> O	8:34	Start Displacement	
07:01		660		35	2	H <sub>2</sub> O	8:34	PSI CK	
07:04		630		40	2	H <sub>2</sub> O	8:34	Slow Rate	
07:05		740		45.6	2	H <sub>2</sub> O	8:34	PSI Check Cement to Surface	
07:06		-0-				H <sub>2</sub> O	8:34	Bump Plug to 1220 PSI	
								Bleed Line Float Holding	

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED BBLs DENSITY	
1.	<u>225</u>	<u>2.75</u>	<u>Class C + 3% D-79 - 48SK D-29</u>		<u>110</u>	<u>11.5</u>
2.	<u>200</u>	<u>1.32</u>	<u>Class C - 1/4 SK D-29</u>		<u>47</u>	<u>14.8</u>
3.						
4.						
5.						
6.						

BREAKDOWN FLUID TYPE VOLUME DENSITY PRESSURE 500 MAX 1220 MIN

HESITATION SQ.  RUNNING SQ. CIRCULATION LOST  YES  NO Cement Circulated To Surf.  YES  NO 5 Bbls

BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. 45.6 Bbls TYPE OF WELL  OIL  GAS  STORAGE  BRINE WATER  WILDCAT 10 SK

Washed Thru Perfs  YES  NO TO FT. MEASURED DISPLACEMENT  WIRELINE

PERFORATIONS TO TO CUSTOMER REPRESENTATIVE Richard Stevenson SUPERVISOR [Signature]