

ORIGINAL

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

Operator: License # 5255

Name: McGinness Oil Company

Address 150 N. Main, Suite 1026

City/State/Zip Wichita, KS 67202

Purchaser: N/A

Operator Contact Person: Doug McGinness

Phone (316) 267-6065

Contractor: Name: Abercrombie RTD, Inc.

License: 30684

Wellsite Geologist: Doug McGinness

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  SIOW  Temp. Abd.

Gas  ENHR  SIGW

Dry  Other (Core, MSW, Expl., Cathodic, etc)

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

Operator: Shamrock Oil & Gas

Well Name: #1-A Vaught

Comp. Date 03/22/60 Old Total Depth 5908'

Deepening  Re-perf.  Conv. to Inj/SWD

Plug Back  PBDT

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

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

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

07-29-93 08-3-93 08-21-93  
Spud Date Date Reached TD Completion Date

API NO. 15- 119-01,004-0001

County Meade

Approx C. NE - NW Sec. 188 Twp. 33S Rge. 29W

4915 Feet from  N (circle one) Line of Section

3400 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 Condry "OWWO" Well # 1

Field Name Wildcat

Producing Formation N/A

Elevation: Ground 2705' KB 2710'

Total Depth 6325' PBDT N/A

Amount of Surface Pipe Set and Cemented at 1523' old hole 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 cnt.

Drilling Fluid Management Plan ALT 1 JH 2-28-94  
(Data must be collected from the Reserve Pit)

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

Dewatering method used **RECEIVED**

KANSAS CORPORATION COMMISSION

Location of fluid disposal if hauled offsite:

FEB 17 1994 2-17-94

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

Lease Name CONSERVATION DIVISION Section No. \_\_\_\_\_

WICHITA, KS

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

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

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 Agent Date 02/14/94

Subscribed and sworn to before me this 14th day of February, 1994.

Notary Public DeAnn Renee Konkol

Date Commission Expires April 8, 1997

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

DE ANN RENEE KONKOL  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 4-8-97

Operator Name McGinness Oil Company Lease Name Condry "OWWO" Well # 1

Sec. 18 Twp. 33S Rge. 29W  East  West County Meade

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  
(from 5908' to RTD)  
Cores Taken  Yes  No

Electric Log Run  Yes  No  
(Submit Copy.)

List All E.Logs Run:  
 KCC  
 JZ  
 DUAL INDUCTION  
 NEUTRON DENSITY

Log Formation (Top), Depth and Datum  Sample

Name Top Datum

See Attached Sheet.

CASING RECORD <input checked="" 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 set by previous operator.							
Production	7-7/8"	4-1/2"	1005#	5213.77'	60/40 Poz	300	10% NaCl, 5# Gilsonite; 1/2% Friction Reducer

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

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	4819' to 4824'	500 Gals 15% HCL Mud Acid
		2500 Gals 15% HCL

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SMD or Inj. \_\_\_\_\_ Producing Method  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_

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

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 \_\_\_\_\_

ACO-1 Side Two (Cont.)

API No.: 15-119-01,004  
Operator: McGinness Oil Company - License #5255  
Lease: #1 Condry "OWWO"  
Location: Approx. C NE NW of 18-33S-29W  
County: Meade

Drill Stem Tests:

Test #1: 5978' - 6043', 30-30-60-60, strong blow on initial opening, no blow on final opening.  
Recovered: 150' Mud  
SIP: 425 psi  
IFP: 128-163  
Test was considered a misrun.

Test #2: 6275' - 6325', 30-30-30-30, very weak blow on initial opening, no blow on final opening, flushed tool 2 times & had a very weak blow.  
Recovered: 110' Mud  
ISIP: 2024 psi, FSIP: 1973 psi  
IFP: 51-58 psi, FFP: 86-93 psi

Tops: Log

Heebner	4436	(-1726)
Toronto	4456	(-1746)
Lansing	4574	(-1864)
Judy	4816	(-2106)
Hodges	5003	(-2293)
Base/Kansas City	5203	(-2493)
Marmaton	5236	(-2526)
Cherokee	5406	(-2696)
Morrow	5722	(-3012)
Mississippi - Chester	5806	(-3096)
Chester Sand	6018	(-3308)
Ste. Genieve	6085	(-3375)
St. Louis	6180	(-3470)
St. Louis "C"	6282	(-3572)
Total Depth	6324	(-3614)

**RECEIVED**  
KANSAS CORPORATION COMMISSION

FEB 17 1994

CONSERVATION DIVISION  
WICHITA, KS

Phone 913-483-2627, Russell, Kansas  
 Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC.

2829

Home Office P. O. Box 31

Russell, Kansas 67665

Date <b>3-3-95</b>	Sec. <b>18</b>	Twp. <b>33s</b>	Range <b>29w</b>	Called Out <b>10:00 AM</b>	On Location <b>4:00 AM</b>	Job Start <b>7:15 AM</b>	Finish <b>6:20 PM</b>
Lease <b>CONROY</b>	Well No. <b>1</b>	Location <b>MEADE Twp, T., 2s, 9E</b>			County <b>MEADE</b>	State <b>KANSAS</b>	
Contractor <b>APPROXIMATE #2</b>				Owner <b>W. G. GINNERS OIL CO.</b>			
Type Job <b>DRUG BACK - TAMP. COILING</b>				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 listed.			
Hole Size <b>8 3/4"</b>	T.D. <b>6323'</b>			Charge To <b>W. G. GINNERS OIL CO.</b>			
Csg. <b>4 1/2" 10.3#</b>	Depth <b>5213'</b>			Street <b>150 NORTH MAIN</b>			
Tbg. Size	Depth			City <b>WICHITA</b> State <b>KAN-AS 67202</b>			
Drill Pipe	Depth			The above was done to satisfaction and supervision of owner agent or contractor.			
Tool	Depth			Purchase Order No. <b>x J. M. A. ST</b>			
Cement Left in Csg.	Shoe Joint <b>13.45'</b>			<b>CEMENT</b>			
Press Max. <b>1600#</b>	Minimum <b>500#</b>			<b>500 CALS. A. 2 F.</b>			
Meas Line	Displace <b>35 1/4 EBL</b>			Amount <b>605.00</b> CLASS <b>A, 1 1/2" CALS.</b>			
Perf.				Ordered <b>500.00</b> 60:40:2, 10% CALS., 2 1/2" CALS., 2 1/2" CALS.			

### EQUIPMENT

No.	Cementor	<b>A. BUNNARD</b>
Pumptrk <b>205</b>	Helper	<b>C. T. WING</b>
No.	Cementor	
Pumptrk	Helper	
	Driver	<b>W. BALL</b>
Bulktrk <b>226</b>		
Bulktrk	Driver	

### DEPTH of Job

Reference:	<b>1 TAMP PUMPAGE TO 5213'</b>	
	<b>1 DRUG BACK PUMPAGE TO 500'</b>	
		Sub Total
		Tax
		Total

Remarks: **PAT 605x @ 5210'**  
**DRUG BACK HOLE - PUMPAGE HOLE**  
**CEMENT 4 1/2" (36 WTT)**  
**3005x 60:40:2 2% CALS., 10% CALS.**  
**2 1/2" CALS., 5% 60-31**

Consisting of	
Common	
Poz. Mix	
Gel.	<b>RECEIVED</b>
Chloride	<b>KANSAS CORPORATION COMMISSION</b>
Quickset	
	<b>FEB 17 1994</b>
	Sales Tax
Handling	<b>CONSERVATION DIVISION</b>
Mileage	<b>WICHITA, KS</b>
	Sub Total
	Total

Floating Equipment

- 1- 4 1/2" GUIDE WIRE**
- 1- 4 1/2" HEAVY FLOAT COLLAR**
- 2- 4 1/2" EBLKETS**
- 3- 4 1/2" CENTRALIZERS**

ORIGINAL

**ALLIED CEMENTING COMPANY, INC**

P. O. BOX 31  
RUSSELL, KANSAS 67665

SEP 09 1993

#7387

1627

\_\_\_\_\_  
Business Oil Company

INVOICE NO. 64936

\_\_\_\_\_  
150 N. Main

PURCHASE ORDER NO. \_\_\_\_\_

\_\_\_\_\_  
Wichita, Kansas 67202

LEASE NAME Aug. 3, 1993

DATE Condry #1

SERVICE AND MATERIALS AS FOLLOWS:

Common 240 sks @\$5.75	\$ 1,380.00	
Pozmix 120 sks @\$3.00	360.00	
C. C. 1 sk.	25.00	
Kcl seal 1500#@\$.36	540.00	
Salt 28 sks @\$5.25	147.00	
200gal ASf @\$1.00	500.00	
Cd 31-129#@\$.425	548.25	\$ 3,500.25
<hr/>		
Hand,ing 360 sks @\$1.00	360.00	
Mileage (60) @\$0.04¢ per sk per mi	864.00	
Plug back csg. to 5213'	1,170.00	
Plug back chg. to 5500'	525.00	
Mi @\$2.25 pmp. trk.	135.00	
1 plug	33.00	3,087.00
1-4½" g. shoe	109.00	
1 AFU	260.00	
2 baskets	226.00	
8 cent.	424.00	
		<hr/>
		1,019.00
		<hr/>
		\$ 7,606.25

Account CURRENT 20% discount will  
be allowed ONLY if paid within 30 days  
from date of invoice. Total

THANK YOU

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

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KANSAS CORPORATION COMMISSION

FEB 17 1994

CONSERVATION DIVISION  
WICHITA, KS

RECEIVED  
KANSAS CORPORATION COMMISSION

ORIGINAL

83-2627, Russell, Kansas  
793-5861, Great Bend, Kansas

FEB 17 1994

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

CONSERVATION DIVISION

**ALLIED CEMENTING CO., INC.**

2829

Home Office P. O. Box 31

Russell, Kansas 67665

Date	8-3-93	Sec.	18	Twp.	33s	Range	29W	Called Out	10:00 PM	On Location	4:00 AM	Job Start	7:15 AM	Finish	6:20 PM	
Lease	CONROY	Well No.	1	Location				MEADE TWP, T5, 1/2W, 3/4S	County	MEADE	State	KANSAS				
Contractor	ABERCROMBIE #5															
Type Job	PUG BACK - PROD. CASING															
Hole Size	8 3/4"		T.D. 6325'													
Csg.	4 1/2" 10.5#		Depth 5213'													
Tbg. Size	Depth															
Drill Pipe	Depth															
Tool	Depth															
Cement Left in Csg.	Shoe Joint 13.45'															
Press Max.	1600 #		Minimum 500 #													
Meas Line	Displace 85 1/4 BBLs															
Perf.																

Owner McGINNESS OIL CO  
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 listed.

Charge To McGINNESS OIL CO  
Street 150 NORTH MAIN  
City WICHITA State KANSAS 67202

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. [Signature]

**CEMENT**  
Amount 500 BBLs. A.S.F.  
Ordered 60s CLASS A, 1% CLAY, 300s 60:40:2, 10% SALT, 5# KO-SEAL, .5% CO-31

Consisting of	Common	240	5.75	1380.00
	Poz. Mix	120	3.00	360.00
	S&P	1 CC	25.00	25.00
	Chloride	Kol Seal 1500 #	.36	540.00
	Quickset	Salt 28	5.25	147.00
		500 gls ASF	1.00	500.00
		CO-31 - 129 #	4.25	548.25
	Handling	360	1.00	360.00
	Mileage	60		864.00

Total \$ 7606.25  
Disc - 1521.25  
\$ 6085.00

**EQUIPMENT**

Pumptrk	No.	Cementer	<u>K. FOUNARDT</u>
	205	Helper	<u>C. BALDING</u>
Pumptrk	No.	Cementer	
		Helper	
Bulktrk	No.	Driver	<u>M. BALL</u>
Bulktrk		Driver	

DEPTH of Job	5213'		
Reference:	1	TEMP CHARGE TO 5213'	1170.00
	1	PUG BACK CHARGE TO 5213'	525.00
		60 Mileage	135.00
		1 Plug	33.00
		<b>Total</b>	<b>1863.00</b>

Remarks: SPOT 60s @ 5210'  
PUG RATHOLE & MOUSE HOLE  
CEMENT 4 1/2" Csg WITH  
300s 60:40:2 10% SALT  
5# KO-SEAL, .5% CO-31

Floating Equipment	1-4 1/2" GUIDE SHOE	- 109.00
	1-4 1/2" AFU FLOAT COLLAR	- 260.00
	2-4 1/2" BASKETS	- 226.00
	8-4 1/2" CENTRALIZERS	- 424.00
	<b>Total</b>	<b>1019.00</b>

"Customer" shall refer to the person who has ordered the cementing services, products, or supplies from the front side of the "C.D." before the "for meter"



P.O. BOX 31  
RUSSELL, KS 67665

# CEMENTING LOG

STAGE NO. 1/1

**CEMENT DATA:**

Spacer Type: FRESH H<sub>2</sub>O  
 Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

LEAD: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_

Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

TAIL: Pump Time \_\_\_\_\_ hrs. Type CLASS A  
+ 1% Cement Excess \_\_\_\_\_

Amt. 60 Sks Yield 1.17 ft<sup>3</sup>/sk Density 15.6 PPG

WATER: Lead \_\_\_\_\_ gals/sk Tail 5.2 gals/sk Total 7.4 Bbls.

Pump Trucks Used 285-265 CALL BARNING  
 Bulk Equip. 284-281 MAX BALL

Float Equip: Manufacturer \_\_\_\_\_

Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_

Float: Type \_\_\_\_\_ Depth \_\_\_\_\_

Centralizers: Quantity \_\_\_\_\_ Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_

Stage Collars \_\_\_\_\_

Special Equip. \_\_\_\_\_

Disp. Fluid Type MUD Amt. 72 3/4 Bbls. Weight 9.30 PPG

Mud Type CEMENTAL Weight 9.30 PPG

Company McBENNESS OIL CO District Med Lodge Ticket No. 8829  
 Lease CANDY Rig ABEK # 5  
 County MEADE State KANSAS  
 Location 18-335-29a Field WILMAT  
MEADE 9a, 1a, 2a, 3a

CASING DATA: PTA  Squeeze   
 Surface  Intermediate  Production  Liner   
 Size 9" Type \_\_\_\_\_ Weight \_\_\_\_\_ Collar \_\_\_\_\_

Casing Depths: Top GRND. LEVEL Bottom 1523'

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size 8 3/4" T.D. 6325 ft. P.B. to \_\_\_\_\_ ft.

**CAPACITY FACTORS:**

Casing: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Drill Pipe: Bbls/Lin. ft. 0.1422 Lin. ft./Bbl. 70.3'

Annulus: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

COMPANY REPRESENTATIVE DOUG McBENNESS JR. CEMENTER KEVIN BRUNSDOT

TIME (AM/PM)	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
4:00						ON LOCATION, RIG UP
						CEMENTATE FOR 90 MINUTES @ 6200'
7:15	500				5	RIG UP TO CEMENT PUMP
	500		11 1/2	11 1/2	5	START FRESH H <sub>2</sub> O
	100		24	12 1/2	6	FRESH H <sub>2</sub> O IN - START CEMENT
	250		27	3	6	CEMENT IN - START FRESH H <sub>2</sub> O
7:40	400		99 3/4	72 3/4	5	FRESH H <sub>2</sub> O IN - START MUD
						MUD IN - STOP PUMPS
						PULL 5 STANDS & CEMENTATE FOR 30 MINUTES

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KANSAS CORPORATION COMMISSION

FEB 17 1994

CONSERVATION DIVISION  
WICHITA, KS

FINAL DISP. PRESS: \_\_\_\_\_ PSI BUMP PLUG TO \_\_\_\_\_ PSI BLEEDBACK \_\_\_\_\_ BBLs.

THANK YOU



P.O. BOX 31  
RUSSELL, KS 67665

# CEMENTING LOG

STAGE NO.

ORIGINAL

18-3-93 District MEADE Ticket No. 2879  
 Company McBENESS OIL CO. Rig ABER #5  
 Lease CONDRA Well No. 1  
 County MEADE State KANSAS  
 Location 18-33s-29w Field MEADOW  
MEADE 9w, 7s, 1/2w, 3/4s

CASING DATA: PTA  Squeeze   
 Surface  Intermediate  Production  Liner   
 Size 4 1/2" Type USED Weight 10.5# Collar BRD

Casing Depths: Top R.B. Bottom 5213'  
9' BRD LEVEL - 1523'

Drill Pipe: Size 8 3/4" Weight 6325 Collars 5342  
 Open Hole: Size 8 3/4" T.D. 6325 ft. P.B. to 5342 ft.

CAPACITY FACTORS:  
 Casing: Bbls/Lin. ft. .0159 Lin. ft./Bbl. 62.70'  
 Open Holes: Bbls/Lin. ft. .0744 Lin. ft./Bbl. 13.44'  
 Drill Pipe: Bbls/Lin. ft. .0547 Lin. ft./Bbl. 18.28'  
 Annulus: Bbls/Lin. ft. .0547 Lin. ft./Bbl. 18.28'  
 Perforations: From          ft. to          ft. Amt.         

CEMENT DATA:  
 Spacer Type: 500 GALS. A.S.F.  
 Amt.          Skys Yield          ft<sup>3</sup>/sk Density          PPG

LEAD: Pump Time          hrs. Type           
 Amt.          Skys Yield          ft<sup>3</sup>/sk Density          PPG  
 TAIL: Pump Time 60:40:2 + 10 1/2 SA  
S#101-SEAL, .5 3/8 CD-31 Excess           
 Amt. 300 Skys Yield 1.36 ft<sup>3</sup>/sk Density 14.4 PPG  
 WATER: Lead          gals/sk Tail 982 gals/sk Total 41.5 Bbls.

Pump Trucks Used 2 SS-265 CARL BALDING  
 Bulk Equip. 2 SB-251 MAX BALL

Float Equip: Manufacturer BAKER  
 Shoe: Type CEMENT Depth 5213'  
 Float: Type AFU CALOR Depth 5200'  
 Centralizers: Quantity 8 Plugs Top RUBBER Btm.           
 Stage Collars           
 Special Equip. 2 - BASKETS  
 Disp. Fluid Type FRESH H<sub>2</sub>O Amt. 854 Bbls. Weight 8.3# PPG  
 Mud Type CHEMICAL Weight 9.3 PPG

COMPANY REPRESENTATIVE DAVE McBENESS JR

CEMENTER KEVIN BRUNSDOT

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						Run 4 1/2" casing to 5213'
						BREAK CIRCULATION
						REG UP TO CEMENT PUMP
						START A.S.F. VIA 4 1/2" CASING
						A.S.F. IN - CHANGE VALVES
						PLUG HOLE 1 IS SK
						PLUG HOLE 2 IS SK
						CHANGE VALVES - START CEMENT VIA CG
						INCREASE RATE
						GRADUAL PSE DROP
						CEMENT IN - CHANGE VALVES
						FLUSH PUMPS & LINES - CHANGE VALVES
						RELEASE PLUG - START DISPLACEMENT
						INCREASE RATE
						CEMENT @ SHO
						GRADUAL PSE INCREASE
						SLOW RATE
						GRADUAL PSE INCREASE
6:20						BUMP PLUG + HOLD PSE
						RELEASE PRESSURE + FLOAT HELDS.

FINAL DISP. PRESS: 900 PSI BUMP PLUG TO 1600# PSI BLEEDBACK 3/4 BBLs. THANK YOU