

AMENDED

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 32446
Name: Merit Energy Company
Address: 13727 Merit Dr., Ste. 500
City/State/Zip: DALLAS, TX 75240
Purchaser: Plains Mktg./Condensate Kansas Gas Service/Gas
Operator Contact Person: GALE MCPHERSON
Phone: (972) 628-1659
Contractor: Name: Pickrell Drilling Company, Inc.
License: 5123
Wellsite Geologist: Jerry Smith

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

If Workover/Re-entry: Old Well Info as follows:

Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Enhr.?) _____ Docket No. _____

6-23-2004 7-01-2004 7/8/2004
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 077-21,488 0000
County: HARPER
NW NE NE Sec. 19 Twp. 31S S. R. 8W East West
330' feet from S / (N) (circle one) Line of Section
990' feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: WASHBON Well #: 3-19
Field Name: SPIVEY-GRABS-BASIL

Producing Formation: MISSISSIPPIAN
Elevation: Ground: 1626' Kelly Bushing: 1631'
Total Depth: 4490' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 274 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 274'
feet depth to SURFACE w/ 185 sx cmnt.
ACT I WITH 4-2-07

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 5000 ppm Fluid volume 300 bbls
Dewatering method used Hauled to SWD
Location of fluid disposal if hauled offsite: _____
Operator Name: Merit Energy Company
Lease Name: F. D. Rall SWD #1 License No.: 32446
Quarter SE NE Sec. 22 Twp. 30S S. R. 8W East West
County: Kingman Docket No.: E-26,857

RECEIVED
KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WICHITA, KS
SEP 09 2004

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of 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: Rale M. Pherson
Title: Regulatory Analyst Date: 8/31/04
Subscribed and sworn to before me this 23rd day of September, 2004.

Notary Public: Rosalind W. Mercer
Date Commission Expires: 8/29/06
ROSALIND W. MERCER
Notary Public, State of Texas
My Commission Expires 08-29-06

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
RECEIVED
SEP 27 2004
KCC WICHITA

Operator Name: Merit Energy Company Lease Name: WASHBON Well #: 3-19
 Sec. 19 Twp. 31S S. R. 8W East West County: HARPER

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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:

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Cherokee Shale	4319'	
Mississippian	4407'- 4417'	

Bottom Hole Temperature .5 @123

ISIP 250#, Max Press. 2050#, Avg. Press. 1950#

840# Press. on Tbg.
 390# Press on Casing

Recovered 151 Bbls of fluid during swab

GR/CCL/CBL (See attached copies)

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface Csg.	12-1/4"	8-5/8"	24#	274'	60/40 Poz	185	2% gel 30%CC 1/4# KC sx
Production Csg.	7-7/8"	5-1/2"	15#	4488'	Class H	125	10% jip seal 10% salt
							5# KC .05% FL160

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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
3	60 deg. phasing 4407-4417	15 bbls acid, 5 bioballs, 20 bbls & 5 more balls	4407-4417
		25 bbls in & 5 more balls. 30 bbls in 5 more balls	
		63 bbls flush	

TUBING RECORD	Size 2-7/8"	Set At 4405'	Packer At 4374'	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. 7-16-04	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. 12	Gas Mcf 50 (BTU 1.186983)	Water Bbls. 26	Gas-Oil Ratio 4.2	Gravity 30.3
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Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled

Production Interval Other (Specify) _____

ALLIED CEMENTING CO., INC. 17308

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:

M.C.

DATE <u>7-1-04</u>	SEC. <u>19</u>	TWP. <u>31s</u>	RANGE <u>8w</u>	CALLED OUT <u>9:00 pm</u>	ON LOCATION <u>9:30 pm</u>	JOB START <u>6:25 PM</u>	JOB FINISH <u>7:00 AM</u>
LEASE <u>Highburn</u>		WELL # <u>3-19</u>		LOCATION <u>Mag Plant 2 south west</u>		COUNTY <u>Harper</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)		LOCATION <u>South into</u>					

CONTRACTOR Pickrell #1
 TYPE OF JOB Production
 HOLE SIZE 7 7/8" T.D. 4490'
 CASING SIZE 5 1/2" 15.5 DEPTH 4490'
 TUBING SIZE DEPTH
 DRILL PIPE 4 1/2" DEPTH 4490'
 TOOL Latch Down Plug DEPTH 4465'
 PRES. MAX 1700 MINIMUM 50'
 MEAS. LINE SHOE JOINT 25.50
 CEMENT LEFT IN CSG. 25.50
 PERFS.
 DISPLACEMENT 100 1/4 H₂O 2% Kcl water

OWNER Merit energy Co.
 CEMENT
 AMOUNT ORDERED 25sx 100:40:16
125sx H + 10% hysp seal + 10% salt + 5% Kcl seal
+ .5% FI-160

EQUIPMENT
 PUMP TRUCK CEMENTER Mike Rucker
 # 265 HELPER Bill Morado
 BULK TRUCK DRIVER Larry Cupa
 # 363
 BULK TRUCK DRIVER

COMMON A	15sx	@	7.65	114.75
POZMIX	10sx	@	4.00	40.00
GEL	1sx	@	11.00	11.00
CHLORIDE		@		
ASC		@		
Salt	14sx	@	7.50	105.00
Class H	125sx	@	9.30	1162.50
Gyp-seal	125sx	@	17.85	2142.20
Kcl-seal	625#	@	.50	312.50
FI-160	59#	@	8.00	472.00
Mud-Clean	500 gal	@	.60	250.00
Cl-a-pac	11 gal	@	22.90	251.90
HANDLING	190 sx	@	1.25	237.50
MILEAGE	190 x .05 x 25			237.50
TOTAL				3408.85

REMARKS:

4" pipe on bottom Deep But break
Circulation while Rotating head 6:25 Pump
5 gal mud clean 6:25 mix 10sx 40:40:16
press hole 6:30 mix 15sx 60:40:16 Rot hole
6:45 Start Prod. Cement 125sx H + 10% hysp seal
+ 10% salt + 5% Kcl-seal + .5% FI-160 @ 14.8 weight
7:00 Stop Pump Wash Pump & lines Release latch
Down Plug Start Disp. @ 100 1/4 H₂O 2% Kcl Deep
Pump plug 7:00 - 17:00 Release latch 10.

SERVICE

DEPTH OF JOB	4490'		
PUMP TRUCK CHARGE			1264.00
EXTRA FOOTAGE		@	
MILEAGE	25	@	4.00
Rotating Head		@	75.00
TOTAL 1,439.00			

CHARGE TO: Merit energy Co.
 STREET _____
 CITY _____ STATE _____ RECEIVED
 KANSAS CORPORATION COMMISSION

PLUG & FLOAT EQUIPMENT

MANIFOLD	@	
5 1/2" Float shoe	@	263.00
5 1/2" T-Centralizers	@	50.00
5 1/2" Latch Down Ass.	@	350.00
TOTAL 963.00		

To Allied Cementing Co., Inc. CONSERVATION DIVISION
 WICHITA, KS
 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.

TAX _____
 TOTAL CHARGE 5810.85
 DISCOUNT 10% = 581.00 IF PAID IN 30 DAYS
 NET 5229.85

SIGNATURE X [Signature]

PRINTED NAME _____



CEMENTING LOG

STAGE NO.

Date 7-1-04 District M.C. Ticket No. 17303
 Company Merit Energy Co Rig Pickwell #1
 Lease Washburn Well No. 3-19
 County Haskell State Ks
 Location Mag Plant South, Washburn Field 19-21-8w
 & Southwinds

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 5 1/2 Type J55 Weight 155 Collar _____

Casing Depth: Top K.B. Bottom 4490'

Drill Pipe: Size 5 1/8" Weight _____ Collars _____
 Open Hole: Size 7 1/2" T.D. 4490' ft. P.B. to _____ ft.

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. 0.235 Lin. ft./Bbl. 4.201
 Open Hole: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. 0.301 Lin. ft./Bbl. 3.241
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:

Spacer Type: 500 gal mud - Clean 6²⁵ Am
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG _____

LEAD: Pump Time 60 hrs. Type H4 K³ typical
10% Sealant + 5% F-116 Excess _____
 Amt. 125 Skys Yield 1.53 ft³/sk Density 14.8 PPG _____

TAIL: Pump Time 60 hrs. Type Low Excess _____
 Amt. 25 Skys Yield 1.41 ft³/sk Density 14.0 PPG _____

WATER: Lead 7.2 gals/sk Tail _____ gals/sk Total 22 Bbls.

Pump Trucks Used #365 - Bill Menden
 Bulk Equip. #363 - Larry Cope

Float Equip: Manufacturer Geranco
 Shoe: Type Flux Line Depth 4490'
 Float: Type latch Down Plug Depth 4465
 Centralizers: Quantity 7 Plugs Top latch Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type 2% Kel 120 Amt. 100 Bbls. Weight 8.4 PPG
 Mud Type Native Weight 9.5 PPG

COMPANY REPRESENTATIVE Pandy Dick CEMENTER Mike Rucker

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
<u>4⁰⁰ AM</u>						<u>Pipe on bottom Drop Bul Break Circulation while Rotating Pipe.</u>
<u>6²⁵ AM</u>		<u>0</u>	<u>125</u>		<u>30</u>	<u>Run 500 gal mud clean</u>
<u>6³⁰ AM</u>		<u>0</u>			<u>445</u>	<u>Mix 1000 lbs with 6 @ 14.0 weight @ 14.0 weight</u>
<u>6⁴⁵ AM</u>					<u>412</u>	<u>Mix 1500 lbs with 6 @ 14.0 weight @ 14.0 weight</u>
<u>7⁰⁰ AM</u>		<u>500</u>	<u>34</u>	<u>125</u>	<u>6</u>	<u>Start Production Cement 125 sk class H + 10% sealant + 5% F-116 + 5% F-116</u>
		<u>200</u>				<u>Stop Pump, Wash Pump shoes, Release latch in plug start displacement</u>
		<u>500</u>			<u>412</u>	<u>Run 1000 lbs 8800 500'</u>
<u>7¹⁵ AM</u>		<u>700 - 1700</u>			<u>30</u>	<u>Run 1000 lbs 2% Kel 120 + 5% F-116 + 5% F-116</u>

RECEIVED
 KANSAS CORPORATION COMMISSION
 SEP 09 2004
 CONSERVATION DIVISION
 WICHITA, KS

FINAL DISP. PRESS: 700 PSI BUMP PLUG TO 1700 PSI BLEEDBACK PLat hold BBLs. THANK YOU

ALLIED CEMENTING CO., INC. 17308

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:

M.C.

DATE <u>7-1-04</u>	SEC <u>19</u>	TWP. <u>313</u>	RANGE <u>8W</u>	CALLED OUT <u>9:00 pm</u>	ON LOCATION <u>9:30 pm</u>	JOB START <u>6:25 PM</u>	JOB FINISH <u>7:00 PM</u>
LEASE <u>Neighborn</u>		WELL # <u>3-19</u>		LOCATION <u>Mag Plant 2 south west</u>		COUNTY <u>Harper</u>	STATE <u>KS</u>
OLD OR <u>(NEW)</u> (Circle one)				<u>South into</u>			

CONTRACTOR Pickrell #1

TYPE OF JOB Production

HOLE SIZE <u>7 1/2"</u>	T.D. <u>4490'</u>
CASING SIZE <u>5 1/2" 15 S</u>	DEPTH <u>4490'</u>
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2"</u>	DEPTH <u>4490'</u>
FOOT Latch Down Plug	DEPTH <u>4465'</u>
PRES. MAX <u>1700</u>	MINIMUM <u>50</u>
MEAS. LINE	SHOE JOINT <u>25.50</u>
CEMENT LEFT IN CSG. <u>25.50</u>	
PERFS.	
DISPLACEMENT <u>100 1/4 HBL 2% KCL water</u>	

OWNER Merit energy Co.

CEMENT

AMOUNT ORDERED 25sx 100:40:6
125sx H + 10% hysp seal + 10% salt + 5% KCL seal + .5% FI-160

COMMON A <u>15sx</u>	@ <u>7.65</u>	<u>114.75</u>
POZMIX <u>10sx</u>	@ <u>4.00</u>	<u>40.00</u>
GEL <u>1sx</u>	@ <u>11.00</u>	<u>11.00</u>
CHLORIDE	@	
ASC	@	
Salt <u>14sx</u>	@ <u>7.50</u>	<u>105.00</u>
Class H <u>125sx</u>	@ <u>9.30</u>	<u>1162.50</u>
Gyp-seal <u>125sx</u>	@ <u>17.85</u>	<u>214.20</u>
Kal-seal <u>625#</u>	@ <u>1.50</u>	<u>312.50</u>
FI-160 <u>59#</u>	@ <u>8.00</u>	<u>472.00</u>
mud-Clan <u>500gal</u>	@ <u>1.60</u>	<u>250.00</u>
Clapac <u>11gal</u>	@ <u>22.90</u>	<u>251.90</u>
HANDLING <u>190 sx</u>	@ <u>1.25</u>	<u>237.50</u>
MILEAGE <u>190 x .05 x 25</u>		<u>237.50</u>
TOTAL		<u>3408.85</u>

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Mike Rucker</u>
# <u>265</u>	HELPER <u>Bill Maxado</u>
BULK TRUCK	
# <u>363</u>	DRIVER <u>Larry Copa</u>
BULK TRUCK	
#	DRIVER

REMARKS:

4" pipe on bottom. Deep Pull break
Circulation while Rotating head. 625 Pump
50gal mud clean. 625 mix 10sx 100:40:6
mouse hole 625 mix 15sx 100:40:6. Rathole.
645 Start Prod. Cement 125sx H + 10% hysp seal
+ 10% salt + 5% Kal-seal + .5% FI-160 @ 14.8 weight
700 Stop Pump. Wash Pump & lines. Release latch
Down Plug. Start Disp. @ 100 1/4 HBL 2% KCL Disp
Pump plug 700-1700 Release Skat hold.

CHARGE TO: Merit energy Co.

STREET _____ RECEIVED _____

CITY _____ STATE KANSAS CORPORATION COMMISSION

SEP 09 2004

CONSERVATION DIVISION
WICHITA, KS

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

SIGNATURE X [Signature]

SERVICE

DEPTH OF JOB <u>4490'</u>		
PUMP TRUCK CHARGE		<u>1264.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>25</u>	@ <u>4.00</u>	<u>100.00</u>
<u>Rotating Head</u>	@	<u>75.00</u>
	@	
	@	
TOTAL		<u>1,439.00</u>

PLUG & FLOAT EQUIPMENT

MANIFOLD	@	
<u>5 1/2" Float shoe</u>	@	<u>263.00</u>
<u>5 1/2" T-Centralizers</u>	@ <u>50.00</u>	<u>350.00</u>
<u>5 1/2" latch Down ASS.</u>	@	<u>350.00</u>
	@	
TOTAL		<u>963.00</u>

TAX _____

TOTAL CHARGE 5810.85

DISCOUNT 10% = 581.00 IF PAID IN 30 DAYS

NET 5229.85

PRINTED NAME _____



CEMENTING LOG

STAGE NO.

Date 7-1-04 District MIL Ticket No. 17303
 Company Merit Energy Co Rig Pickwell #1
 Lease Wichita Well No. 3-19
 County Hwyer State Ks
 Location Mag Hunt South West Field 19-31s-8w
Searchlight

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 5 1/2 Type J55 Weight 15.5 Collar _____

Casing Depth: Top K.H. Bottom 4490'

Drill Pipe: Size 5 1/8" Weight _____ Collars _____
 Open Hole: Size 7 1/2" T.D. 4490' ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 1.0238 Lin. ft./Bbl. 4.2.01
 Open Hole: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. 0.3091 Lin. ft./Bbl. 3.2.41
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:

Spacer Type: 500 gal mud - Clean 6²⁵ Ann
 Amt. _____ Skts Yield _____ ft³/sk Density _____ PPG _____

LEAD: Pump Time 6⁴⁵ hrs. Type H4 K² L⁴ typical
12^{1/2} lb. salt + 5% E-10 Excess _____
 Amt. 125 Skts Yield 1.53 ft³/sk Density 14.8 PPG _____

TAIL: Pump Time Est. 12.6 min hrs. Type Est. 4.6
 Excess _____
 Amt. 25 Skts Yield 1.41 ft³/sk Density 14.0 PPG _____

WATER: Lead 7.2 gals/sk Tail _____ gals/sk Total 22 Bbls.

Pump Trucks Used #365 - Bill Menden
 Bulk Equip. #363 - Larry Cape

Float Equip: Manufacturer Geranco
 Shoe: Type Flux-Tite Depth 4490'
 Float Type latch down plug Depth 4465
 Centralizers: Quantity 7 Plug Top latch Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type 2% Kcl H₂O Amt. 1.6 Bbls. Weight 8.4 PPG _____
 Mud Type Native Weight 9.5 PPG _____

COMPANY REPRESENTATIVE Randy Dick

CEMENTER Mike Rucker

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
<u>4⁰⁰ AM</u>						<u>Pipe on bottom Drop Bul Break Circulation while Rod string pipe.</u>
<u>6²⁵ AM</u>		<u>0</u>	<u>1.0238</u>		<u>6</u>	<u>Emp 500 gal mud - clean</u>
<u>6³⁰ AM</u>		<u>0</u>			<u>4.2</u>	<u>Mix 1000 gal with 16 @ 14.0 weight mud hole</u>
<u>6⁴⁵ AM</u>					<u>4.12</u>	<u>Mix 1500 gal with 16 @ 14.0 weight mud hole</u>
<u>6⁴⁵ AM</u>		<u>500</u>	<u>34.111</u>	<u>blurry</u>	<u>6</u>	<u>Start Production Cement 125 sk class H + 12 1/2 lb salt + 5% E-10 + 5% E-10 with 14.8 weight</u>
		<u>200</u>			<u>11</u>	<u>Stop Pumping Wash Pump shoes Release latches in plug shut displacement</u>
		<u>500</u>			<u>4.12</u>	<u>Emp 1000 gal 88 Bbl 500'</u>
<u>7²⁵ AM</u>		<u>700</u>			<u>3.7</u>	<u>Emp 1000 gal 2% Kcl H₂O + 16 @ 14.0 weight mud hole Plug 7000 Release Papi Clean hole.</u>

RECEIVED
 KANSAS CORPORATION COMMISSION

SEP 09 2004

CONSERVATION DIVISION
 WICHITA, KS

FINAL DISP. PRESS: 700 PSI BUMP PLUG TO 1700 PSI BLEEDBACK Flux Tite BBLs. THANK YOU

ALLIED CEMENTING CO., INC.

17304

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:

M.L.

DATE <u>6-24-04</u>	SEC. <u>19</u>	TWP. <u>31s</u>	RANGE <u>08w</u>	CALLED OUT <u>11⁰⁰ pm</u>	ON LOCATION <u>12⁰⁰ AM</u>	JOB START <u>3⁵⁰ AM</u>	JOB FINISH <u>4⁰⁵ AM</u>
LEASE <u>Washbon</u>	WELL # <u>3-19</u>	LOCATION <u>Mag Plant 2 south</u>	COUNTY <u>Harper</u>	STATE <u>KS</u>			
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<u>West + South into</u>				

CONTRACTOR Pickrell #1
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4" T.D. 279'
 CASING SIZE 8 5/8 24.00 DEPTH 274'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2" DEPTH 279'
 TOOL Open Ended DEPTH 259'
 PRES. MAX 200 MINIMUM 50
 MEAS. LINE _____ SHOE JOINT 15'
 CEMENT LEFT IN CSG. 15'
 PERFS. _____
 DISPLACEMENT 16.5 bbl fresh h₂O

OWNER Merit Energy Co.

CEMENT
 AMOUNT ORDERED 185 sx 60:40:2 + 2°/ccc + 1°/6 A/C

EQUIPMENT
 PUMP TRUCK CEMENTER Mike Rucker
 # 372 HELPER Mark Brungardt
 BULK TRUCK
 # 247 DRIVER Tanner Fox
 BULK TRUCK
 # _____ DRIVER _____

COMMON	<u>111 sx</u>	@	<u>7.45</u>	<u>849.15</u>
POZMIX	<u>74 sx</u>	@	<u>4.00</u>	<u>296.00</u>
GEL	<u>35 sx</u>	@	<u>11.00</u>	<u>33.00</u>
CHLORIDE	<u>4 sx</u>	@	<u>30.00</u>	<u>120.00</u>
ASC		@		
<u>Ammonium Chloride</u>	<u>35 sx</u>	@	<u>31.50</u>	<u>94.50</u>

RECEIVED	@			
KANSAS CORPORATION COMMISSION	@			
<u>SEP 09 2004</u>	@			
CONSERVATION DIVISION	@			
WICHITA, KS	@			
HANDLING	<u>195 sx</u>	@	<u>1.25</u>	<u>243.75</u>
MILEAGE	<u>195 sx x .05 x 25</u>			<u>243.75</u>
TOTAL				<u>1880.15</u>

REMARKS:

3:40 Pipe on bottom, break Circulation
3:50 am Start Cement: 185 sx 60:40:2 + 2°/ccc + 1°/6 A/C @ 14.8 weight. with 200 psi. 4:00 am
 Stop Pumps, Release Wooden Plug Start Displacement 4 1/2 bbl. min. with 200 psi. 4:05 am
 @ 16 1/2 bbl Disp. Stop Pumps Shut in head + manifold. leave 200 psi. on casing. leave 15' cement in shoe. Cement did circulate Circulate 25 sx to pit.

CHARGE TO: Merit Energy Co.
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<u>274'</u>			
PUMP TRUCK CHARGE	<u>0-300'</u>		<u>520.00</u>	
EXTRA FOOTAGE		@	<u>\$</u>	
MILEAGE	<u>25</u>	@	<u>4.00</u>	<u>100.00</u>
TOTAL			<u>620.00</u>	

PLUG & FLOAT EQUIPMENT

MANIFOLD	@		
<u>8 6/8 Wooden Plug</u>	@		<u>45.00</u>
TOTAL			<u>45.00</u>

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.

TAX _____
 TOTAL CHARGE ~~2025.00~~
 DISCOUNT ~~2025.00~~ IF PAID IN 30 DAYS

SIGNATURE Randy Diet

ANY APPLICABLE TAX
 WILL BE CHARGED
 UPON INVOICING

PRINTED NAME Randy Diet