

JUN 04 2006

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

**CONFIDENTIAL**

**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

**ORIGINAL**

Operator: License # 5363  
Name: BEREXCO, INC.  
Address: 2020 BRAMBLEWOOD  
City/State/Zip: WICHITA, KS 67208  
Purchaser: NCRA  
Operator Contact Person: Bruce Meyer  
Phone: (316) 265-3311  
Contractor: Name: MURFIN DRILLING  
License: 30606  
Wellsite Geologist: Bryan Bynog

API No. 15 - 065-22958 0000  
County: GRAHAM  
SE NE NE Sec. 17 Twp. 9 S. R. 21  East  West  
4290' feet from (S) / N (circle one) Line of Section  
330' feet from (E) / W (circle one) Line of Section

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KCC WICHITA

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE (SE) NW SW  
Lease Name: COOLEY B Well #: 19  
Field Name: MOREL

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

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Producing Formation: ARBUCKLE  
Elevation: Ground: 2213' Kelly Bushing: 2218'  
Total Depth: 3717' Plug Back Total Depth: 3717'  
Amount of Surface Pipe Set and Cemented at 229' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 1716 Feet

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. \_\_\_\_\_

If Alternate II completion, cement circulated from 1716  
feet depth to Surface w/ 325 sx cmt.

3/18/04 3/25/04 4/16/04  
Spud Date or Date Reached TD Completion Date or Recompletion Date

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit) ALTI WITH 2-27-07  
Chloride content 2750 ppm Fluid volume 524 bbls  
Dewatering method used evaporation

Location of fluid disposal if hauled offsite:  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**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.

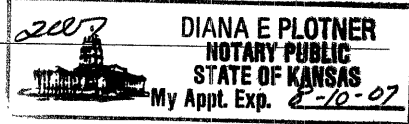
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: [Signature]  
Title: District Engineer Date: 6-01-04

Subscribed and sworn to before me this 1st day of June, 2004.

Notary Public: [Signature]

Date Commission Expires: Aug 10, 2007



**KCC Office Use ONLY**  
Yes Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

JUN 04 2004  
KCC WICHITA

TUBING RECORD Size 2 7/8 Set At 3709' Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First, Resumed Production, SWD or Enhr. 4/16/04 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours Oil Bbls. 39 Gas Mcf 0 Water Bbls. 4 Gas-Oil Ratio - Gravity \_\_\_\_\_

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Sumit ACO-18.) METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_ Production Interval \_\_\_\_\_

Operator Name: BEREXCO, INC. Lease Name: COOLEY B Well #: 19  
 Sec. 17 Twp. 9 S. R. 21  East  West County: GRAHAM

**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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  Microresistivity, Dual Compensated Porosity, Dual Induction	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table border="0" style="width:100%"> <tr> <td style="width:60%">Name</td> <td style="width:20%">Top</td> <td style="width:20%">Datum</td> </tr> <tr> <td>Heebner</td> <td>3362'</td> <td>-1144</td> </tr> <tr> <td>Lansing A</td> <td>3400'</td> <td>-1182</td> </tr> <tr> <td>Arbuckle</td> <td>3709'</td> <td>-1491</td> </tr> <tr> <td>TD</td> <td>3717'</td> <td>-1499</td> </tr> </table> <p style="text-align:center"><b>KCC</b> JUN 01 2004 <b>CONFIDENTIAL</b></p>	Name	Top	Datum	Heebner	3362'	-1144	Lansing A	3400'	-1182	Arbuckle	3709'	-1491	TD	3717'	-1499
Name	Top	Datum														
Heebner	3362'	-1144														
Lansing A	3400'	-1182														
Arbuckle	3709'	-1491														
TD	3717'	-1499														

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	12 1/4	8 5/8	20#	229'	common	165	2% cc
production	7 7/8	5 1/2	14#	3695	ASC	175	10% salt, 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	0-1716	60/40 POZ	325	6% Gel, 1/4# flowseal

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
	OPEN HOLE	250 Gal 15% NEFE, 500 Gal 15% NEFE	3695-3717
<b>RECEIVED</b>			
<b>JUN 04 2004</b>			
<b>KCC/MURPHY</b>			

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 7/8	3709'	-		
Date of First, Resumed Production, SWD or Enhr.			Producing Method			
4/16/04			<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
	39	0	4	-		

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

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

CONFIDENTIAL

ORIGINAL

# ALLIED CEMENTING CO., INC. 13690

KCC

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

JUN 01 2004

SERVICE POINT:

Oakley

CONFIDENTIAL

DATE <u>3-25-04</u>	SEC. <u>17</u>	TWP. <u>9s</u>	RANGE <u>2W</u>	CALLED OUT	ON LOCATION <u>6:15 AM</u>	JOB START <u>10:15 AM</u>	JOB FINISH <u>10:50 AM</u>
LEASE <u>Motel Cooley</u>	WELL # <u>19</u>	LOCATION <u>Bogue 69 1E 9S</u>			COUNTY <u>Graham</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR <u>Murfin Drilling Rig 8</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Production string 4 Bottom stage</u>	
HOLE SIZE <u>7 7/8</u>	T.D. <u>3719'</u>
CASING SIZE <u>5 1/2</u>	DEPTH <u>3700'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL <u>DV TOOL</u>	DEPTH <u>1716'</u>
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>41.12'</u>
CEMENT LEFT IN CSG. <u>41.12</u>	
PERFS.	
DISPLACEMENT <u>50 Bbls Water 42 Bbls Mud</u>	

CEMENT		
AMOUNT ORDERED		
<u>175 SKS ASC 10% Salt 2% Gel</u>		
<u>500 gal WFR-2</u>		
COMMON	@	
POZMIX	@	
GEL <u>3 SKS</u>	@ <u>10.00</u>	<u>30.00</u>
CHLORIDE	@	
<u>SALT 18 SKS</u>	@ <u>15.00</u>	<u>240.00</u>
<u>ASC 175 SKS</u>	@ <u>9.85</u>	<u>1723.75</u>
<u>WFR-2 500 gals</u>	@ <u>1.00</u>	<u>500.00</u>
	@	
	@	
HANDLING <u>206 SKS</u>	@ <u>1.15</u>	<u>236.90</u>
MILEAGE <u>54 SK/mile</u>		<u>618.00</u>

### EQUIPMENT

PUMP TRUCK CEMENTER <u>Dean</u>
# <u>373-281</u> HELPER <u>Fuzzy / Max</u>
BULK TRUCK
# <u>309</u> DRIVER <u>Mike</u>
BULK TRUCK
# <u>361</u> DRIVER <u>Lonnie</u>

RECEIVED

TOTAL 3348.65

JUN 04 2004

KCC WICHITA SERVICE

### REMARKS:

Pump 500 gals WFR-2 followed  
w/ 175 SKS ASC 10% Salt 2% Gel.  
Wash Trk & Line. Disp w/ 50 Bbls  
Water & 42 Bbls Mud.  
Plug landed at 1300'  
Plug Held.

Thank you

DEPTH OF JOB		<u>1130.00</u>
PUMP TRUCK CHARGE		
EXTRA FOOTAGE	@	
MILEAGE <u>60 mile</u>	@ <u>3.50</u>	<u>210.00</u>
PLUG	@	
	@	
	@	

TOTAL 1340.00

CHARGE TO: Berexco Inc

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

### FLOAT EQUIPMENT

<u>Triplex shoe</u>	@	<u>1300.00</u>
<u>8 - Turba Centralize</u>	@ <u>60.00</u>	<u>480.00</u>
<u>3 - Basket</u>	@ <u>128.00</u>	<u>384.00</u>
<u>1 - DV TOOL</u>	@	<u>3300.00</u>
<u>Latch Drawn Plug Assy</u>	@	<u>350.00</u>
<u>1 - Box Thread Lock</u>		<u>30.00</u>
TOTAL		<u>5844.00</u>

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ 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 [Signature]

PRINTED NAME \_\_\_\_\_

CONFIDENTIAL

ORIGINAL

ALLIED CEMENTING CO., INC.

13691

KCC

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

JUN 01 2004

SERVICE POINT:

Oakley

CONFIDENTIAL

DATE 3-25-04 SEC 17 TWP. 9s RANGE 21w CALLED OUT ON LOCATION 6:15 AM JOB START 3:20 PM JOB FINISH 4:00 PM LEASE More/coolest WELL # B 19 LOCATION Bogue 6S 1E 5/8 COUNTY Graham STATE Ks OLD OR NEW (Circle one)

CONTRACTOR Murfin Drlg Rig 8 OWNER Same

TYPE OF JOB Production String (Top stage)

HOLE SIZE 7 7/8 T.D. 3719' CEMENT AMOUNT ORDERED

CASING SIZE 5 1/2 DEPTH 3700' 450 sks 60/40 B Gel 1/4 P/O seal

TUBING SIZE DEPTH 340 sks Used

DRILL PIPE DEPTH

TOOL DU 700L DEPTH 1716'

PRES. MAX MINIMUM COMMON 204 sks @ 8.35 1703.40

MEAS. LINE SHOE JOINT 41.12 POZMIX 136 sks @ 3.80 516.80

CEMENT LEFT IN CSG. 41.12 GEL 18 sks @ 10.00 180.00

PERFS. CHLORIDE @

DISPLACEMENT 42 Bbls P/O Seal 112# @ 1.40 156.80

EQUIPMENT

PUMP TRUCK CEMENTER Dean

# 373-281 HELPER Fuzzy / Max

BULK TRUCK HANDLING 473 sks @ 1.15 543.95

# 361 DRIVER Lonnie MILEAGE 54/sk/mile 1419.00

BULK TRUCK

# 309 DRIVER Mike

TOTAL 4579.95

REMARKS:

SERVICE

waited 4 hrs between stages.

Plug Rat Hole w/155 sks

Mix 325 sks 60/40 B Gel 1/4 P/O

seal, wash Trk & Line. Disp

42 Bbls. Cement did circulate

Plug landed at 1200'

Float Held,

Thank you

DEPTH OF JOB

PUMP TRUCK CHARGE 650.00

EXTRA FOOTAGE @

MILEAGE @

PLUG @

@

@

TOTAL 650.00

CHARGE TO: Berexco Inc

STREET

FLOAT EQUIPMENT

CITY STATE ZIP

@

@

@

@

@

TOTAL

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

DISCOUNT IF PAID IN 30 DAYS

SIGNATURE Robert Hunt

PRINTED NAME



Toll Free Call  
0-308-345-1255+MUDD

DRILLING MUD REPORT  
**Morgan Mud, Inc.**  
P.O. Box 644  
McCook, Nebraska 69001  
Phone: (308) 345-1255

**ORIGINAL**

DRILLING MUD REPORT REPORT NO. 6  
DATE 3-24 2004 DEPTH 3719  
API WELL NO. STATE COUNTY WELL %  
1506 KS 29 58 NE

OPERATOR Reperco Inc CONTRACTOR Morgan Drilling Company RIG NO. 8  
ADDRESS Wichita KS ADDRESS Colby KS SPUD DATE 3-18-04  
REPORT FOR MR MEYER REPORT FOR MR MCKENNA SECTION, TOWNSHIP, RANGE 17-9S-21W  
WELL NAME AND NO 20154 #B1P COUNTY TRAHAM STATE KANSAS

**CONFIDENTIAL**

OPERATION	CASING	MUD VOLUME (BBL)	CIRCULATION DATA	
Present Activity <u>C.F.S.</u>	Surface <u>8 7/8</u> in. at <u>229</u> ft	Hole Pits <u>224 1/2</u> <u>300 1/2</u>	Pump Size <u>5 1/2 x 14</u> in	Annular Vel. (Ft./Min.) <u>156</u>
Bit Size (in) <u>7 7/8</u>	Intermediate in. at <u>524 1/2</u> ft	Total Circulating Volume <u>524 1/2</u>	Pump Make <u>NATIONAL</u>	Opposite DP <u>284</u>
Drill Pipe Size <u>4 1/2</u>	Production or Liner in. at <u>514</u> ft	In Storage	Model <u>1C-380</u>	Opposite Collar <u>700</u>
Drill Collar Size <u>6 1/2</u>	Mud Type <u>CHEMICAL</u>		Bbl/Stroke <u>1.24</u> Stroke/Min. <u>64</u>	Circulating Pressure psi <u>24 1/2</u>
			Bbl/Min <u>6.35</u>	Bottoms Up (Min.) <u>83 1/2</u>
				System Total (Min.) <u>83 1/2</u>

MUD PROPERTIES			EQUIPMENT	
SIZE	HRS./TOUR	SIZE	HRS./TOUR	
Time Sample Taken <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	<u>8:00</u>	Centrifuge		Premix <u>PVC</u>
Depth (ft)	<u>3719</u>	Degasser		FRAC <u>RK</u>
Funnel Viscosity (sec./qt.)	<u>56</u>	Desander		Other
Weight <input checked="" type="checkbox"/> (ppg) <input type="checkbox"/> (lb/cu ft)	<u>9.1</u>	DAILY COST CUMULATIVE COST		
Mud Gradient (psi/ft)	<u>.473</u>	MUD PROPERTIES SPECIFICATIONS		
Hydrostatic Head (psi)	<u>1760</u>	WEIGHT <u>9.3</u>	VISCOSITY <u>45+</u>	FILTRATE <u>8%</u>
L.C.M. (ppb)	<u>2</u>	BY AUTHORITY: <input type="checkbox"/> OPERATOR'S WRITTEN <input type="checkbox"/> DRILLING CONTRACTOR		
600'/300"	<u>5436</u> 1 1	<input checked="" type="checkbox"/> OPERATOR'S REPRESENTATIVE <input type="checkbox"/> OTHER		
Plastic Viscosity (cps)	<u>18</u>	TOUR TREATMENT		
Yield Point (lb./100 Sq. Ft.)	<u>18</u>	<u>SUGGEST</u>		
"N" Value	<u>.58</u>	<u>MAINTAIN 1000 LIME IN SYSTEM TO T.D.</u>		
"K" Value (lbs. sec. <sup>2</sup> /100 sq. ft.)	<u>1.02</u>	<u>All TOURS MIX GEL PIGS:</u>		
Gel Strength (lb./100 sq./ft.) 10 sec./10 min.	<u>17138</u>	<u>45-48 salt to drill</u>		
Filtrate A.P.I. (ml/30 min.)	<u>7.2</u>	<u>48 salt to DST</u>		
Cake Thickness (32nd in.) <input type="checkbox"/> API <input type="checkbox"/> HP-HT	<u>2</u>	<u>ON THIS Gp IN SLOW</u>		
pH <input checked="" type="checkbox"/> Strip <input type="checkbox"/> Meter	<u>11.0</u>	<u>KEEP ABOVE FULL</u>		
Alkalinity, Mud (Ppm)	<u>1.9</u>			
Alkalinity, Filtrate (PI/M)	<u>.9120</u>			
Chloride <input type="checkbox"/> (ppm) <input type="checkbox"/> (ppb) Potassium Ion (% by Vol) <input type="checkbox"/>	<u>2750</u>			
Calcium (ppm) <input type="checkbox"/> Gyp (ppb) <input type="checkbox"/>	<u>10</u>			
Sand Content (% by Vol.)	<u>.50</u>			
Solids Content (% by Vol.) Calculated <input checked="" type="checkbox"/> Retort <input type="checkbox"/>	<u>5.6</u>			
Oil Content (% by Vol.)	<u>0</u>			
Water Content (% by Vol.)	<u>93.9</u>			

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RESERVE PIP: Chlorides 5200 ppm  
Calcium 1220 ppm

MMI Engineer DAVE LINES Home Phone 308-345-7262 Mobile Phone 308-340-5946  
Warehouse McCook Location McCook Phone (308) 345-1255

Amount Used by  Inventory  Daily Log THIS REPORT IS GOVERNED BY THE TERMS AND CONDITIONS AS SET FORTH ON THE REVERSE SIDE

Daily Cost \$270.- Cumulative Cost \$4194.- "I am among you as one who serves" Lk. 22-27

Products	Units	Cum. Units	Unit Cost	Cost	Remarks
Gel	<u>16</u>	<u>237</u>	<u>7.25</u>	<u>116.-</u>	<input type="checkbox"/> Drilling
Lignite (Lentox)	<u>8</u>	<u>8</u>			<input type="checkbox"/> Tight Hole
Caustic Soda	<u>8</u>	<u>8</u>			<input type="checkbox"/> Lost Returns
Soda Ash	<u>32</u>	<u>32</u>			<input checked="" type="checkbox"/> DST #5 @ 3615'
Drapac	<u>3</u>	<u>3</u>			<input type="checkbox"/> TD DST #16 @ 3719'
Cottonseed Hulls	<u>14</u>	<u>37</u>	<u>11.-</u>	<u>154.-</u>	<input type="checkbox"/> Dam
Cedar Fiber					<input type="checkbox"/> C.H.
Lime	<u>2</u>	<u>2</u>			<input type="checkbox"/> Anhydrite

BIT INFORMATION				
TYPE	JETS	DEV	DEPTH IN	DEPTH OUT
<u>HRT0 CT</u>	<u>143</u>		<u>3587</u>	<u>3615</u>
<u>HRT0 CT</u>	<u>113</u>		<u>3615</u>	<u>3719</u>



DRILLING MUD REPORT  
Morgan Mud, Inc.

Toll Free Call  
0-308-345-1255+MUDD

P.O. Box 644  
McCook, Nebraska 69001  
Phone: (308) 345-1255

DRILLING MUD REPORT REPORT NO. 5  
DATE 3-23-04 DEPTH 3587  
API WELL NO. 1506522958ME STATE COUNTY WELL 1/4

OPERATOR **BEREXCO INC** CONTRACTOR **Morgan Drilling Company** RIG NO. **8**  
ADDRESS **WICHITA KS** ADDRESS **Colby KS** SPUD DATE **3-18-04**  
REPORT FOR MR **MEYER** REPORT FOR MR **McKENNA** SECTION, TOWNSHIP, RANGE **17-9S-21W**  
WELL NAME AND NO. **20154 #B19** FIELD **MOORE** COUNTY **GRAHAM** STATE **KANSAS**

OPERATION		CASING		MUD VOLUME (BBL)		CIRCULATION DATA	
Present Activity <b>DST #14</b>	Surface <b>8 7/8</b>	Hole <b>2 1/2</b>	Pits <b>300+</b>	Pump Size <b>5 1/2 x 1 1/4</b>	Annular Vel (Ft./Min.) <b>156</b>	Opposite DP <b>284</b>	Opposite Collar <b>284</b>
Bit Size (in) <b>7/8</b>	No. <b>1</b>	Intermediate <b>in at</b>	Total Circulating Volume <b>516+</b>	Pump Make <b>NATIONALAC</b>	Circulating Pressure psi <b>23+</b>	Bottoms Up (Min.) <b>23+</b>	System Total (Min.) <b>81+</b>
Drill Pipe Size <b>4 1/2</b>	Type <b>XH</b>	Production or Liner <b>in at</b>	In Storage <b>in at</b>	Model <b>K-380</b>	Bbl/Stroke <b>124</b>	Stroke/Min. <b>64</b>	Bbl/Min <b>61.55</b>
Drill Collar Size <b>6 1/4</b>	Length <b>514</b>	Mud Type <b>CHEMICAL</b>					

MUD PROPERTIES				EQUIPMENT			
Time Sample Taken <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	8:00			SIZE	HRS./TOUR	SIZE	HRS./TOUR
Depth (ft)	3587			Centrifuge		Premix	R14
Funnel Viscosity (sec/qt.)	52			Degasser		FRAC	R14
Weight <input checked="" type="checkbox"/> (ppg) <input type="checkbox"/> (lb/cu ft.)	9.1			Desander		Other	
Mud Gradient (psi/ft.)	1.473			DAILY COST		CUMULATIVE COST	
Hydrostatic Head (psi)	1677			MUD PROPERTIES SPECIFICATIONS			
L C M (ppb)	2			WEIGHT	9.3	VISCOSITY	15+
600/300"	51734	1	1	BY AUTHORITY	<input type="checkbox"/> OPERATOR'S WRITTEN	<input type="checkbox"/> DRILLING CONTRACTOR	<input type="checkbox"/> OTHER
Plastic Viscosity (cps)	17			<input checked="" type="checkbox"/> OPERATOR'S REPRESENTATIVE			
Yield Point (lb/100 Sq Ft)	17			TOUR TREATMENT			
"N" Value	.58			SUGGEST: MAINTAIN AT LEAST TAPS LCM IN SYSTEM TO T.D.			
"K" Value	.96			All TOURS MIX 1/4 TO 1/2 45-48 sec lat to drill 48+ sec lat to DST			
Gel Strength (lb/100 sq/ft) 10 sec/10 min.	14130			WHILE DRILLING RUN 1/4 TO 1/2 INCH STREAM OF WATER AND JET IF NEEDED TO MAINTAIN MUD WT. 9.3 OR LESS			
Filtrate A P I (ml/30 min)	72			ON TRASS GO IN SLOW (KEEP HOSE FULL)			
Cake Thickness (32nd in.) <input checked="" type="checkbox"/> API <input type="checkbox"/> HP-HT	2						
pH <input checked="" type="checkbox"/> Strip <input type="checkbox"/> Meter	11.0						
Alkalinity, Mud (Ppm)	2.1						
Alkalinity, Filtrate (P/M/M)	1.112	1	1				
Chloride <input checked="" type="checkbox"/> ppm <input type="checkbox"/> gpp	2100						
Potassium Ion (% by Vol.) <input type="checkbox"/>							
Calcium (ppm) <input type="checkbox"/> Gyp (ppb) <input type="checkbox"/>	10						
Sand Content (% by Vol.)	1.50						
Solids Content (% by Vol.) <input checked="" type="checkbox"/> Calculated <input type="checkbox"/> Retort <input type="checkbox"/>	5.6						
Oil Content (% by Vol.)	0						
Water Content (% by Vol.)	93.9						

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MMI Engineer **DAVE LINES** Home Phone **308-345-7262** Mobile Phone **308-340-5946**  
Warehouse **McCook** Location **McCook** Phone **(308) 345-1255**

THIS REPORT IS GOVERNED BY THE TERMS AND CONDITIONS AS SET FORTH ON THE REVERSE SIDE

Amount Used by  Inventory  Daily Log

Daily Cost **\$231.-** Cumulative Cost **\$3924.-** "I am among you as one who serves" Lk. 22-27

Products	Units	Cum. Units	Unit Cost	Cost	Remarks
Gel		216			
Lignite (Lamax)		8			
Caustic Soda		8			
Soda Ash		32			
Drasac		3			
Cottonseed Huls	21	23	11.-	231.-	
Cedar Fiber					
Lime		2			
DESCO					

TYPE	ETS	SPN	DEPTH IN	DEPTH OUT
HYZOCT	103		3570	3587
HYZOCT	103		3570	3587
HYZOCT	146		3570	3587



DRILLING MUD REPORT  
Morgan Mud, Inc.

Toll Free Call  
0-308-345-1255+MUDD

P.O. Box 644  
McCook, Nebraska 69001

Phone: (308) 345-1255

DRILLING MUD REPORT REPORT NO. 4

DATE 3-22-04 DEPTH 3520

API WELL NO.	STATE	COUNTY	WELL	1/4
1506522958	NE			

OPERATOR <b>BEREXCO INC</b>	CONTRACTOR <b>MURKIN Drilling COMPANY</b>	RIG NO. <b>8</b>
ADDRESS <b>WICHITA KS</b>	ADDRESS <b>COLBY KS</b>	SPUD DATE <b>3-18-04</b>
REPORT FOR MR <b>MEYER</b>	REPORT FOR MR <b>McKEANA</b>	SECTION, TOWNSHIP, RANGE <b>17-9S-21W</b>
WELL NAME AND NO <b>COLEY #B19</b>	FIELD <b>MOORE</b>	COUNTY <b>GRAHAM</b>
		STATE <b>KANSAS</b>

OPERATION		CASING		MUD VOLUME (BBL)		CIRCULATION DATA	
Present Activity <b>C.F.S.</b>		878 Surface in. at <b>229</b> Ft		Hole <b>212 ±</b>	Pits <b>300 ±</b>	Pump Size <b>5 1/2 x 14</b> in.	Annular Vel. (Ft./Min.) <b>156</b>
Bit Size (in.) <b>7 7/8</b>	No <b>1</b>	Intermediate in. at Ft		Total Circulating Volume <b>512 ±</b>		Pump Make <b>NATIONAL</b>	Opposite DP <b>284</b>
Drill Pipe Size <b>4 1/2</b>	Type <b>XH</b>	Production or Liner in. at Ft		In Storage		Model <b>K-380</b>	Opposite Collar <b>284</b>
Drill Collar Size <b>10 1/4</b>	Length <b>514</b>					Bbl/Stroke <b>124</b>	Circulating Pressure psi <b>650</b>
		Mud Type <b>CHEMICAL</b>				Stroke/Min. <b>64</b>	Bottoms Up (Min.) <b>25 ±</b>
						Bbl/Min <b>60.35</b>	System Total (Min.) <b>81 ±</b>

MUD PROPERTIES				EQUIPMENT			
Sample from <input checked="" type="checkbox"/> Flowline <input type="checkbox"/> Pit				SIZE	HRS./TOUR	SIZE	HRS./TOUR
Flowline Temperature _____ °F				Centrifuge		Premix	<b>1R 16 1</b>
Time Sample Taken <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	<b>7:50</b>			Degasser		FRAC	<b>1R 16 1</b>
Depth (ft)	<b>3520</b>			Desander		Other	
Funnel Viscosity (sec/30)	<b>54</b>			DAILY COST			
Weight <input checked="" type="checkbox"/> (ppm) <input type="checkbox"/> (lb/cu ft)	<b>9.0</b>			CUMULATIVE COST			
Mud Gradient (psi/ft)	<b>4.68</b>			MUD PROPERTIES SPECIFICATIONS			
Hydrostatic Head (psi)	<b>1647</b>			WEIGHT	<b>9.3</b>	VISCOSITY	<b>45+</b>
L C M (ppm)	<b>0</b>			BY AUTHORITY	<input checked="" type="checkbox"/> OPERATOR'S WRITTEN	FILTRATE	<b>8CC</b>
600°/300°	<b>52135</b>	<b>1</b>	<b>1</b>	<input checked="" type="checkbox"/> OPERATOR'S REPRESENTATIVE		<input type="checkbox"/> DRILLING CONTRACTOR	
Plastic Viscosity (cps)	<b>17</b>			<input type="checkbox"/> OTHER		TOUR TREATMENT	
Yield Point (lb/100 Sq. Ft.)	<b>18</b>			SUGGEST:			
"N" Value	<b>0.57</b>			All TOURS MIX out for vis			
"K" Value (lbs. sec./100 sq. ft.)	<b>1.04</b>			45-48 sec/30 to drill			
Gel Strength (lb/100 sq./ft.) 10 sec./10 min.	<b>16159</b>			48+ sec/30 to DST			
Filtrate API (ml/30 min.)	<b>6.8</b>			AT 3650' MIX 15 cts			
Cake Thickness (32nd in.) <input checked="" type="checkbox"/> API <input type="checkbox"/> HP-HT	<b>2</b>			Holds AND MAINTAIN 1ppb			
pH <input checked="" type="checkbox"/> Strip <input type="checkbox"/> Meter	<b>11.5</b>			LCM IN SYSTEM TO 7.D.			
Alkalinity, Mud (Ppm)	<b>2.5</b>			ON TRIPS - S (in in slow)			
Alkalinity, Filtrate (PI/M)	<b>1613.1</b>	<b>1</b>	<b>1</b>	(KEEP HOIC FULL)			
Chloride <input checked="" type="checkbox"/> ppm <input type="checkbox"/> Potassium Ion (% by Vol.) <input type="checkbox"/>	<b>1800</b>						
Calcium (ppm) <input checked="" type="checkbox"/> Gyp (ppb) <input type="checkbox"/>	<b>10</b>						
Sand Content (% by Vol.)	<b>1.50</b>						
Solids Content (% by Vol.) <input checked="" type="checkbox"/> Calculated <input type="checkbox"/> Retort <input type="checkbox"/>	<b>4.9</b>						
Oil Content (% by Vol.)	<b>0</b>						
Water Content (% by Vol.)	<b>94.6</b>						

MMI Engineer <b>DAVE LINES</b>	Home Phone <b>308-345-7262</b>	Mobile Phone <b>308-340-5946</b>
Warehouse <b>McCook</b>	Location	Phone <b>(308) 345-1255</b>

Amount Used by  Inventory  Daily Log

THIS REPORT IS GOVERNED BY THE TERMS AND CONDITIONS AS SET FORTH ON THE REVERSE SIDE

Daily Cost **\$ 87. --** Cumulative Cost **\$ 3693. --** "I am among you as one who serves" Lk. 22-27

Products	Units	Cum. Units	Unit Cost	Cost	Remarks
Gel	12	216	7.25	87. --	<input type="checkbox"/> Drilling
Lignite (Lenox)	8	8			<input type="checkbox"/> Tight Hole
Caustic Soda	8	8			<input type="checkbox"/> Lost Returns
Soda Ash	32	32			<input checked="" type="checkbox"/> DST #2 @ 3450'
Dripac	3	3			<input type="checkbox"/> TD
Cottonseed Hufts	2	2			<input type="checkbox"/> Dak
Cedar Fiber					<input type="checkbox"/> CH
Lime	2	2			<input type="checkbox"/> Anhydrite

BIT INFORMATION					
DESCO	TYPE	JETS	DEV	DEPTH in	DEPTH OUT
	HX2007	143		3413	2956
	HX2007	143		3456	

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DRILLING MUD REPORT  
**Morgan Mud, Inc.**  
 Toll Free Call 1-800-345-1255+MUDD  
 P.O. Box 644  
 McCook, Nebraska 69001  
 Phone: (308) 345-1255

DRILLING MUD REPORT REPORT NO. 3  
 DATE 3-21 20 04 DEPTH 3413  
 API WELL NO. STATE COUNTY WELL %  
1506522958NE

OPERATOR BEREXCO INC. CONTRACTOR MOREN DRILLING COMPANY RIG NO. 8  
 ADDRESS WICHITA KS ADDRESS COPY KS SPUD DATE 3-18-04  
 REPORT FOR MR McVEA REPORT FOR MR McKENNA SECTION, TOWNSHIP, RANGE 17-9S-21W  
 WELL NAME AND NO. COLEMAN # B19 FIELD Model TOWNSHIP GRAHAM STATE KANSAS

OPERATION		CASING		MUD VOLUME (BBL)		CIRCULATION DATA	
Present Activity <u>DST</u>		Surface <u>5 5/8</u> in. at <u>229</u> Ft.		Hole <u>200 1/2</u> Pits <u>300 1/2</u>		Pump Size <u>2 1/2 x 14</u> in.	Annular Vel. (Ft./Min.) <u>156</u>
Bit Size (in.) <u>7 7/8</u>	No. <u>1</u>	Intermediate		Total Circulating Volume <u>500 1/2</u>		Pump Make <u>NJAT/ENWA</u>	Opposite DP
Drill Pipe Size <u>4 1/2</u>	Type <u>XH</u>	Production or Liner		In Storage		Model <u>K-380</u>	Opposite Collar <u>284</u>
Drill Collar Size <u>6 1/4</u>	Length <u>514</u>					Bbl/Stroke <u>124</u> Stroke/Min. <u>64</u>	Circulating Pressure psi
		Mud Type <u>CHEMICAL</u>				Bbl/Min <u>6.35</u>	Bottoms Up (Min.) <u>227</u>
							System Total (Min.) <u>80 1/2</u>

MUD PROPERTIES				EQUIPMENT			
Sample from <input checked="" type="checkbox"/> Flowline <input type="checkbox"/> Pit				SIZE HRS./TOUR			
Flowline Temperature _____ °F				SIZE HRS./TOUR		SIZE HRS./TOUR	
Time Sample Taken <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	<u>7:50</u>			Centrifuge		Premix	<u>1216</u>
Depth (ft.)	<u>3413</u>			Degasser		FRAC	<u>1216</u>
Funnel Viscosity (sec./qt.)	<u>50</u>			Desander		Other	<u>1216</u>
Weight <input checked="" type="checkbox"/> (ppb) <input type="checkbox"/> (lb./cu. ft.)	<u>8.9</u>			DAILY COST CUMULATIVE COST			
Mud Gradient (psi/ft.)	<u>463</u>			MUD PROPERTIES SPECIFICATIONS			
Hydrostatic Head (psi)	<u>1580</u>			WEIGHT <u>9.3</u>	VISCOSITY <u>45+</u>	FILTRATE <u>8cc</u>	
L C M (ppm)	<u>0</u>			BY AUTHORITY <input type="checkbox"/> OPERATOR'S WRITTEN <input type="checkbox"/> OPERATOR'S REPRESENTATIVE <input type="checkbox"/> OTHER <input type="checkbox"/>			
600°/300°	<u>49133</u>	<u>1</u>	<u>1</u>	TOUR TREATMENT			
Plastic Viscosity (cps)	<u>16</u>			<u>SUGGEST!</u>			
Yield Point (lb./100 Sq. Ft.)	<u>19</u>			<u>All tools mix 1st 1/2 hr.</u>			
"N" Value	<u>57</u>			<u>45-48 sec/10' to drill</u>			
"K" Value (lb. sec./100 sq. ft.)	<u>97</u>			<u>78+ sec/10' to DST</u>			
Gel Strength (lb./100 sq./ft.) 10 sec./10 min.	<u>15131</u>			<u>AT 3650' mix 15' of</u>			
Filtrate API (ml/30 min.)	<u>6.8</u>			<u>HULLS AND MAINTAIN LOGS</u>			
Cake Thickness (32nd in.) <input checked="" type="checkbox"/> API <input type="checkbox"/> HP-HT	<u>2</u>			<u>LCM IN SYSTEM TO T.D.</u>			
pH <input checked="" type="checkbox"/> Strip <input type="checkbox"/> Meter	<u>11.5</u>			<u>While running run 1/4 to 1/2</u>			
Alkalinity, Mud (Ppm)	<u>3.1</u>			<u>INCH STREAM OF WATER AND</u>			
Alkalinity, Filtrate (P/100)	<u>1.913.8</u>	<u>1</u>	<u>1</u>	<u>SET IF NEEDED TO MAINTAIN</u>			
Chloride <input checked="" type="checkbox"/> ppm <input type="checkbox"/> Potassium Ion (% by Vol.) <input type="checkbox"/>	<u>1400</u>			<u>MUD WT. 9.3 OR LESS!</u>			
Calcium (ppm) <input checked="" type="checkbox"/> Gyp (ppb) <input type="checkbox"/>	<u>10</u>			<u>(IN TRIPS 5' in in. Sec)</u>			
Sand Content (% by Vol.)	<u>.25</u>			<u>KEEP HOLE FULL!</u>			
Solids Content (% by Vol.) <input checked="" type="checkbox"/> Calculated <input type="checkbox"/> Resort <input type="checkbox"/>	<u>4.25</u>						
Oil Content (% by Vol.)	<u>0</u>						
Water Content (% by Vol.)	<u>95.5</u>						

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MMI Engineer DAVE LINES Home Phone 308-345-7262 Mobile Phone 308-340-5946  
 Warehouse McCook Location McCook Phone (308) 345-1255

THIS REPORT IS GOVERNED BY THE TERMS AND CONDITIONS AS SET FORTH ON THE REVERSE SIDE

Amount Used by  Inventory  Daily Log

"I am among you as one who serves" Lk. 22-27

Daily Cost	Products	Units	Cum. Units	Unit Cost	Cost	Remarks
	Gel		<u>204</u>			
	Lignite (Linos)		<u>8</u>			
	Caustic Soda		<u>8</u>			
	Soda Ash		<u>32</u>			
	Drispac		<u>3</u>			
	Cottonseed Hufts		<u>2</u>			
	Cedar Fiber					
	Lime		<u>2</u>			
	DESCO					

BIT INFORMATION

TYPE	JETS	DEV	DEPTH in	DEPTH OUT
<u>H200J</u>	<u>143</u>		<u>229</u>	<u>3413</u>





Toll Free Call  
0-308-345-1255+MUDD

DRILLING MUD REPORT  
**Morgan Mud, Inc.**

P.O. Box 644  
McCook, Nebraska 69001  
Phone: (308) 345-1255

DRILLING MUD REPORT REPORT NO. 2

DATE 3-20 2004 DEPTH 3030

API WELL NO	STATE	COUNTY	WELL	%
15065	22	95	8	6

OPERATOR <u>BEPEXCO INC</u>	CONTRACTOR <u>Morgan Drilling Company</u>	RIG NO. <u>8</u>
ADDRESS <u>WICHITA KS</u>	ADDRESS <u>COLEY KS</u>	SPUD DATE <u>3-18-04</u>
REPORT FOR MR <u>MEYER</u>	REPORT FOR MR <u>McKENNA</u>	SECTION, TOWNSHIP, RANGE <u>17-9S-21W</u>
WELL NAME AND NO <u>COLEY # B19</u>	FIELD <u>MOORE</u>	COUNTY <u>GRAHAM</u>
		STATE <u>KANSAS</u>

OPERATION	CASING	MUD VOLUME (BBL)	CIRCULATION DATA
Present Activity <u>Drilling</u>	Surface <u>8 7/8</u>	Hole <u>19 3/4</u>	Pump Size <u>5 1/2 x 14</u>
Bit Size (in.) <u>7 7/8</u>	In. at <u>229</u> Ft	Total Circulating Volume <u>483 ±</u>	Annular Vel. (ft./min.) <u>156</u>
Drill Pipe Size <u>4 1/2</u>	Intermediate in. at _____ Ft.	In Storage _____	Opposite DP <u>284</u>
Drill Collar Size <u>6 1/4</u>	Production or Liner in. at _____ Ft.		Opposite Collar <u>700</u>
	Mud Type <u>CHEMICAL</u>		Circulating Pressure psi <u>18 ±</u>
			Bottoms Up (Min.) <u>18 ±</u>
			System Total (Min.) <u>76 ±</u>

MUD PROPERTIES		EQUIPMENT	
Time Sample Taken <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	<u>10:30</u>	Centrifuge	<u>VR 19</u>
Depth (ft.)	<u>3030</u>	Degasser	<u>FRAC</u>
Funnel Viscosity (sec./30)	<u>49</u>	Desander	<u>Other</u>
Weight (lb/gal) (lb/cu. ft.)	<u>8.6</u>	DAILY COST	CUMULATIVE COST
Mud Gradient (psi/ft.)	<u>447</u>	MUD PROPERTIES SPECIFICATIONS	
Hydrostatic Head (psa)	<u>1355</u>	WEIGHT <u>9.3</u>	VISCOSITY <u>45</u>
L.C.M. (ppm)	<u>0</u>	FILTRATE <u>8cc</u>	
600"/300"	<u>48132</u>	BY AUTHORITY	<input type="checkbox"/> OPERATOR'S WRITTEN
Plastic Viscosity (cps)	<u>16</u>	<input type="checkbox"/> OPERATOR'S REPRESENTATIVE	<input type="checkbox"/> DRILLING CONTRACTOR
Yield Point (lb/100 Sq. Ft.)	<u>16</u>	<input type="checkbox"/> OTHER	
"N" Value	<u>58</u>	TOUR TREATMENT	
"K" Value (lb. sec./100 sq. ft.)	<u>89</u>	<u>Suggest?</u>	
Gel Strength (lb./100 sq. ft.) 10 sec./10 min.	<u>14177</u>	<u>All tours mix gel to vis:</u>	
Filtrate API (ml/30 min.)	<u>6.8</u>	<u>45-48 sec lat to drill</u>	
Cake Thickness (32nd in.) <input type="checkbox"/> API <input type="checkbox"/> HP-HT	<u>1</u>	<u>48+ sec lat to DST</u>	
pH <input checked="" type="checkbox"/> Strip <input type="checkbox"/> Meter	<u>11.5</u>	<u>RUN 1/4 TO 1/2 INCH STREAM</u>	
Alkalinity, Mud (Ppm)	<u>4.2</u>	<u>OF WATER AND JET IF</u>	
Alkalinity, Filtrate (P/100)	<u>2515.1</u>	<u>NEEDED TO MAINTAIN MUD</u>	
Chloride (ppm) <input type="checkbox"/> Sulfate (ppm) <input type="checkbox"/> Potassium Ion (% by Vol.) <input type="checkbox"/>	<u>1400</u>	<u>WT. 9.3 OR LFSS!</u>	
Calcium (ppm) <input type="checkbox"/> Gyp (ppm) <input type="checkbox"/>	<u>10</u>		
Sand Content (% by Vol.)	<u>.25</u>		
Solids Content (% by Vol.) Calculated <input type="checkbox"/> Retard <input type="checkbox"/>	<u>2.05</u>		
Oil Content (% by Vol.)	<u>0</u>		
Water Content (% by Vol.)	<u>97.7</u>		

AT 3650' MIX 15 c/s HULLS AND MAINTAIN 1 ppb LCM TO T.D.

ON TRIPS 5 Gals in Slow KEEP HOLE FULL

MIMI Engineer <u>DAVE LINES</u>	Home Phone <u>308-345-7062</u>	Mobile Phone <u>308-340-5946</u>
Warehouse <u>McCook</u>	Location	Phone <u>(308) 345-1255</u>

Amount Used by  Inventory  Daily Log

THIS REPORT IS GOVERNED BY THE TERMS AND CONDITIONS AS SET FORTH ON THE REVERSE SIDE

Daily Cost <u>#3300-</u>	Cumulative Cost <u>#3606-</u>	"I am among you as one who serves" Lk. 22-27	
Products	Units	Cum. Units	Unit Cost
Gel	<u>164</u>	<u>204</u>	<u>7.25</u>
Lignite (Lenox)	<u>8</u>	<u>8</u>	<u>20-</u>
Caustic Soda	<u>8</u>	<u>8</u>	<u>50-</u>
Soda Ash	<u>32</u>	<u>32</u>	<u>22-</u>
Ortopac	<u>3</u>	<u>3</u>	<u>275-</u>
Cottonseed Hulls	<u>2</u>	<u>2</u>	<u>11-</u>
Cedar Fiber			
Lime		<u>2</u>	
DESCO			

Cost: 1189.- 160.- 400.- 704.- 825.- 22.-

Remarks: Replace @ 3010'  
Complete @ 3028'  
(Key @ 1160'-1435' @ 3:50am (3-17))  
Dak est @ 640' @ 11:30 pm (3-18)  
Ch @ 1535' @ 6:30am (3-19)  
Anhydrite @ 1704-1738

BIT INFORMATION				
TYPE	JETS	DEV.	DEPTH IN	DEPTH OUT
<u>H20C5</u>	<u>145</u>		<u>279</u>	

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