

MAY 15 2007

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONSERVATION DIVISION  
WICHITA, KS

Operator: License # 5363  
Name: Berexco Inc.  
Address: PO Box 20380  
City/State/Zip: Wichita, KS 67208  
Purchaser: Central Crude Corporation  
Operator Contact Person: Jeremy Ensz  
Phone: (316) 265-3311  
Contractor: Name: Beredco Inc.  
License: 5147

Wellsite Geologist: Bryan Bynog

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. \_\_\_\_\_

<u>2/28/07</u>	<u>3/8/07</u>	<u>4/18/07</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 135-24576-60-00

County: Ness

W2 NW SW Sec. 3 Twp. 16 S. R. 25  East  West

1980 FSL feet from S / N (circle one) Line of Section

330 FWL feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Harold Well #: 4

Field Name: Ness-T

Producing Formation: Mississippi

Elevation: Ground: 2546 Kelly Bushing: 2557

Total Depth: 4517 Plug Back Total Depth: 4517

Amount of Surface Pipe Set and Cemented at 368 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set 1992 Feet

If Alternate II completion, cement circulated from 1992

feet depth to Surface w/ 500 sx cmt.

Drilling Fluid Management Plan AH II NH 7-8-08  
(Data must be collected from the Reserve Pit)

Chloride content 1000 ppm Fluid volume 700 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: 5/14/07

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_,

20 07  
Notary Public: [Signature]  
Date Commission Expires: Aug. 10, 2007

**DIANA E. BELL**  
Notary Public - State of Kansas  
My Appt. Expires 8-10-07

**KCC Office Use ONLY**

- Letter of Confidentiality Received
- If Denied, Yes  Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution

Operator Name: Berexco Inc. Lease Name: Harold Well #: 4  
 Sec. 3 Twp. 16 S. R. 25  East  West County: Ness

**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:

**RAG, Microresistivity**

Log Formation (Top), Depth and Datum.  Sample

Name	Top	Datum
Anhydrite	1956	+601
Heebner	3850	-1293
LKC	3891	-1334
Pawnee	4315	-1758
Ft. Scott	4394	-1837
Cher. Sh.	4420	-1863
Miss. Dolo.	4503	-1946

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"	23	368	common	225	2%gel, 3%cc
Production	7-7/8"	5-1/2"	15.5	4505	see tickets	700	see tickets

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
N/A		<b>RECEIVED</b> <b>KANSAS CORPORATION COMMISSION</b>  <b>MAY 15 2007</b>  <b>CONSERVATION DIVISION</b> <b>WICHITA, KS</b>	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-7/8"	4510		<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
4/21/07			<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
	18	0	22		

Disposition of Gas **METHOD OF COMPLETION** Production Interval

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  
 (If vented, Submit ACO-18.)  Other (Specify) \_\_\_\_\_

# ALLIED CEMENTING CO., INC.

26399

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

SERVICE POINT:  
Ness City

DATE <u>3-17-07</u>	SEC <u>3</u>	TWP. <u>16</u>	RANGE <u>25</u>	CALLED OUT <u>12:00 PM</u>	ON LOCATION <u>4 PM</u>	JOB START <u>2:45 AM</u>	JOB FINISH <u>3:45 AM</u>
LEASE <u>Harold</u>	WELL # <u>4</u>	LOCATION <u>Arnold, 3N, 2 W, 20</u>			COUNTY <u>Ness</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Beredco Rig #10

TYPE OF JOB two stage / Top stage

HOLE SIZE 7 7/8" T.D. 4515'

CASING SIZE 5 1/2" DEPTH 4504'

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL D-U tool DEPTH 1992'

PRES. MAX 1500# PSI MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT 45'

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT 48 1/2 BBLs of freshwater

OWNER Beredco Inc.

CEMENT

AMOUNT ORDERED 450 sx Lite 1/2# Flo-seal

50 sx ASC

COMMON	_____	@	_____	_____
POZMIX	_____	@	_____	_____
GEL	<u>1 AL</u>	@	<u>16.65</u>	<u>16.65</u>
CHLORIDE	_____	@	_____	_____
ASC	<u>50 AL</u>	@	<u>13.10</u>	<u>655.00</u>
<u>SALT</u>	<u>3 AL</u>	@	<u>19.20</u>	<u>57.60</u>
<u>FO SEAL</u>	<u>225#</u>	@	<u>2.00</u>	<u>450.00</u>
<u>ALW(LITE)</u>	<u>450 AL</u>	@	<u>9.95</u>	<u>4477.50</u>
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
HANDLING	<u>537 AL</u>	@	<u>1.90</u>	<u>1020.30</u>
MILEAGE	<u>537 AL 09</u>	<u>27</u>	_____	<u>1304.91</u>
TOTAL				<u>7981.96</u>

EQUIPMENT

PUMP TRUCK # 224 CEMENTER Rick H.  
HELPER Jim W.

BULK TRUCK # 344 DRIVER Don D.

BULK TRUCK # 342 DRIVER David J.

REMARKS:

been circulating 3 hours hook to pump truck plug Rat & mouse holes, hook to casing mix 450 sx Lite 1/2# Flo-seal, and 50 sx ASC, wash pump & lines Release plug and displace with 48 1/2 BBLs of freshwater landed plug to 1500# PSI Released and held rig down

Cement did Circulate

CHARGE TO: Beredco Inc

STREET \_\_\_\_\_

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

SERVICE

DEPTH OF JOB 1992'

PUMP TRUCK CHARGE \_\_\_\_\_ 955.00

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE 27 @ 6.00 NC

MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_

RECEIVED \_\_\_\_\_ @ \_\_\_\_\_

KANSAS CORPORATION COMMISSION \_\_\_\_\_ @ \_\_\_\_\_

MAY 15 2007

TOTAL 955.00

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.

PLUG & FLOAT EQUIPMENT

_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
TOTAL _____			
TAX _____			
TOTAL CHARGE _____			
DISCOUNT <u>8313.09</u>	IF PAID IN 30 DAYS		

SIGNATURE [Signature]

[Signature]  
PRINTED NAME

# ALLIED CEMENTING CO., INC.

26398

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

SERVICE POINT:

Ness City

DATE <u>3-7-07</u>	SEC. <u>3</u>	TWP. <u>16</u>	RANGE <u>25</u>	CALLED OUT <u>12:00 PM</u>	ON LOCATION <u>4:00 PM</u>	JOB START <u>10:00 PM</u>	JOB FINISH <u>11:00 PM</u>
LEASE <u>Harold</u>	WELL # <u>4</u>	LOCATION <u>Arnold, 3N, 2W, 2N</u>			COUNTY <u>Ness</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Becexco Rig #10  
 TYPE OF JOB two stage/bottom stage  
 HOLE SIZE 7 1/8" T.D. 4515'  
 CASING SIZE 5 1/2" DEPTH 4504'  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL D-V Tool DEPTH 1992'  
 PRES. MAX 1300 PSI MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 45'  
 CEMENT LEFT IN CSG. 45'  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT Fresh water + mud 108 BBLs

OWNER Becexco Inc.  
 CEMENT  
 AMOUNT ORDERED 50 sks Lite  
150 sks ASC 5# Kol-Seal per sack

EQUIPMENT  
 PUMP TRUCK CEMENTER Rick H.  
 # 224 HELPER Jim W.  
 BULK TRUCK  
 # 344 DRIVER Don D.  
 BULK TRUCK  
 # 342 DRIVER David J.

COMMON		@		
POZMIX		@		
GEL	<u>344</u>	@	<u>16.65</u>	<u>49.95</u>
CHLORIDE		@		
ASC	<u>150 sks</u>	@	<u>13.10</u>	<u>1965.00</u>
ALW	<u>50 sks</u>	@	<u>9.95</u>	<u>497.50</u>
SALT	<u>9 sks</u>	@	<u>19.20</u>	<u>172.80</u>
KOL SEAL	<u>750 #</u>	@	<u>.70</u>	<u>525.00</u>
		@		
		@		
		@		
		@		
HANDLING	<u>239 sks</u>	@	<u>1.90</u>	<u>454.10</u>
MILEAGE	<u>239 sks</u>	@	<u>.09</u>	<u>27</u>
				<u>580.77</u>
				<u>TOTAL 4245.12</u>

REMARKS:

pipe on bottom broke circulation Circulated  
1 hour mixed 50 sks Lite, 150 sks ASC  
5# Kol-seal per sack shut down wash pump &  
lines hooked back to casing Released plug  
displaced w/ 59 BBLs of fresh water 49 BBLs  
of lig mud landed plug to 1300 PSI Released  
plug dropped the bomb open A-V Tool to 500 PSI  
begin circulating for 3 hours,

CHARGE TO: Becexco Inc.  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

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 Mark Ceika

SERVICE

DEPTH OF JOB	<u>4504'</u>		
PUMP TRUCK CHARGE			<u>1750.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>27</u>	@	<u>6.00</u>
MANIFOLD		@	
Head Rent		@	<u>100.00</u>
RECEIVED		@	

KANSAS CORPORATION COMMISSION

MAY 15 2007 TOTAL 2012.00

CONSERVATION DIVISION  
WICHITA, KS

PLUG & FLOAT EQUIPMENT

1- Thread locking compound			<u>30.00</u>	<u>30.00</u>
1- 5 1/2" Latchdown plug w/ Insert	@	<u>375.00</u>		<u>375.00</u>
1- 5 1/2" triplex shoe	@	<u>1300.00</u>		<u>1300.00</u>
1- 5 1/2" Stage collar	@	<u>3500.00</u>		<u>3500.00</u>
12- 5 1/2" Centralizers	@	<u>50.00</u>		<u>600.00</u>
4- 5 1/2" Baskets	@	<u>150.00</u>		<u>600.00</u>
				<u>TOTAL 6405.00</u>

TAX \_\_\_\_\_  
 TOTAL CHARGE \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE MARK CEIKA #11854.56  
 PRINTED NAME

# ALLIED CEMENTING CO., INC.

26467

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

SERVICE POINT:  
*Ness City, KS*

DATE <i>02-28-07</i>	SEC. <i>3</i>	TWP. <i>16s</i>	RANGE <i>25W</i>	CALLED OUT	ON LOCATION <i>2:00/PM</i>	JOB START <i>2:45/PM</i>	JOB FINISH <i>3:15/PM</i>
LEASE <i>Harold</i>		WELL # <i>#4</i>		LOCATION <i>ARNOCA 30 2.0 1/2 W</i>		COUNTY <i>Ness</i>	STATE <i>KS</i>
OLD OR NEW (Circle one)							

CONTRACTOR *PEREXO # 10*

TYPE OF JOB *SURFACE*

HOLE SIZE *12 1/4"* T.D. *373'*

CASING SIZE *8 5/8"* DEPTH *368*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX *200* MINIMUM *150*

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *20'*

PERFS.

DISPLACEMENT *22 1/4 BUS*

OWNER *PEREXO*

CEMENT

AMOUNT ORDERED *225 net common 30% gel 2% gel*

COMMON	<i>225 net</i>	@	<i>10.65</i>	<i>2396.25</i>
POZMIX		@		
GEL	<i>4 net</i>	@	<i>16.65</i>	<i>66.60</i>
CHLORIDE	<i>7 net</i>	@	<i>46.60</i>	<i>326.20</i>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<i>236 net</i>	@	<i>1.90</i>	<i>448.40</i>
MILEAGE	<i>236 net 09</i>		<i>27</i>	<i>573.48</i>
TOTAL				<i>3810.93</i>

EQUIPMENT

PUMP TRUCK CEMENTER *BUN*

# *224* HELPER *TIM*

BULK TRUCK

# *341* DRIVER *MARLYN*

BULK TRUCK

# DRIVER

REMARKS:

*RAW 368' 8 5/8" CSG BROKE (circulation)*  
*with rig*  
*Mixed 225 net common 30% gel*  
*2% gel displaced 22 bus*  
*CEMENT CIRCULATED*  
*THANKS ALLIED CEM*

CHARGE TO: *PEREXO INC.*

STREET \_\_\_\_\_

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

SERVICE

DEPTH OF JOB *368*

PUMP TRUCK CHARGE *85.00*

EXTRA FOOTAGE *68'* @ *.65* *44.20*

MILEAGE *27* @ *6.00* *162.00*

MANIFOLD @ \_\_\_\_\_

*LEAD RENTAL* @ *100.00* *100.00*

RECEIVED @ \_\_\_\_\_

TOTAL *1121.20*

MAY 15 2007

KANSAS CORPORATION COMMISSION

CONSERVATION DIVISION  
WICHITA, KS

*1-Top 8 5/8" Wood* @ *60.00* *60.00*

@ \_\_\_\_\_

@ \_\_\_\_\_

@ \_\_\_\_\_

TOTAL *60.00*

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 *Mrs. B. Galvan*

TAX \_\_\_\_\_

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

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

*4628.82*

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

# Mud-Co / Service Mud. Inc.

100 S. Main St., Suite #310, Wichita, Ks. 67202

Report: 2

## Daily Drilling Mud Report

Date: **03/01/07** Depth: **1230**

Operator <b>Berexco, Inc.</b>	Contractor <b>Beredco Drilling Company</b>	Rig No. <b>10</b>
Address <b>Rig</b>	Address <b>Rig</b>	Spud Date <b>02/28/07</b>
Report for Mr. <b>Co. Rep.</b>	Report for Mr. <b>Marvin Julian</b>	Section <b>3</b> Twp <b>16S</b> Range <b>25W</b>
Well Name & No. <b>#4 Harold</b>	County <b>Ness</b>	State <b>Kansas</b>

Operation		Casing	Mud Volume (BBL)		Circulation Data			
Present Activity <b>Drilling</b>		<b>8 5/8</b> in. at <b>353</b>	Hole <b>89</b>	Pits <b>400</b>	Liner Size <b>6</b>	Stroke <b>14</b>	Opposite Drill Pipe <b>184</b>	Pump Pressure <b>900</b>
Bit Size (in.) <b>7 7/8</b>	No <b>1</b>	Intermediate in. at	Total Circulating Vol. <b>489</b>		Pump Make & Model <b>Ideal C-250</b>		Opposite Drill Collars <b>325</b>	Pump Make <b>Ideal</b>
Drill pipe sz <b>4</b>	Type <b>FH</b>	Production / Liner in. at	Volume in Storage		BBL/ Strk <b>0.137</b>	Strk / Min. <b>60</b>	Bottoms Up (Min.) <b>9</b>	Pump Model <b>C-250</b>
Drill Collar size <b>6</b>	<b>520</b>	Drilling mud type <b>Native and Premix</b>	BBL./Min. <b>8.2</b>	GAL/Min. <b>345</b>	System Total (Min) <b>59</b>			

Sample from Flowline ___ or Pit ___	Daily Mud Cost <b>991.60</b>	Cumulative Mud Cost <b>991.60</b>
Flowline Temperature	Mud Properties	

Time Sample Taken	<b>11:15 AM</b>
Depth (Ft.)	<b>1,230</b>
Weight (lb/gal.)	
Mud Gradient (psi/ft.)	
Funnel Viscosity (Sec/qt. API)	
Plastic Viscosity cp	
Yield Point (lb/100 sq.ft.)	
Gel Strength 10 sec/10 min.	
pH	
Filtrate API (ml/30 min.)	
Cake Thickness 32nd	
Alkalinity, Mud (Pm)	
Alkalinity, Filtrate (Pf/Mf)	
Chloride Content, ppm	
Calcium, ppm	
Sand Content (% by Vol)	
Solids Content (% by Vol.)	
Oil Content (% by Vol.)	
Water Content (% by Vol.)	
LCM, lbs/bbl.	
Reynold's #DP	
Reynold's # DC	
ECD lb/gal	

MUD PROPERTIES SPECIFICATIONS			
Mud Wt. (lbs/gal.)	Viscosity	Filtrate	LCM
<b>9.3 or less</b>	<b>30-33</b>	<b>NC</b>	<b>as needed</b>

- Run plenty of fresh water and jet often.
- Flush hole as needed with 80 bbls. Fresh water with the following:  
80 bbls. Fresh water  
25 sx. Gel  
LCM as needed
- Pretreat hole for possible loss circulation ar 2700 and again at 3200 with the following:  
80 bbls. Fresh water  
25 sx. Gel  
18 sx. c/s hulls
- Displace at 3400.
- Fill frac tank with the following:  
80 bbls. Fresh water  
~~25~~ 25 sx. Gel  
2 sx. Soda ash  
1 sx. Caustic soda  
1/2 sx. Lignite  
1/2 sx. Pac  
2 sx. c/s hulls
- Always Keep Hole Full!
- Always Circulate Hole Clean Before Trips.

THANK YOU

DRILLING MUD INVENTORY					
Products:	Prior Day	Delivery	On Hand	Used	Cost
Premium Gel	350		264	86	911.60
Lime	6		2	4	33.00
Soda Ash	30		30		
Caustic Soda	19		19		
Lignite	14		14		
C/S Hulls	150		146	4	47.00
Drill Pak	10		10		
Desco					
Poly Plus	2		2		
Salt Clay					
Sterch					

Mud-Co / Service Mud Representative <b>Gary Schmidberger</b>	Home Address <b>Hays, Ks.</b>	Telephone Number <b>785-625-4931</b>
Cell: <b>785-259-2757</b>	Warehouse Location <b>Pratt, Ks.</b>	Telephone Number <b>620-672-2957</b>

# Mud-Co / Service Mud. Inc.

100 S. Main St., Suite #310, Wichita, Ks. 67202

Report: **3**

## Daily Drilling Mud Report

Date: **03/03/07** Depth: **3515**

Operator <b>Berexco, Inc.</b>		Contractor <b>Beredco Drilling Company</b>		Rig No. <b>10</b>	
Address <b>Rig</b>		Address <b>Rig</b>		Spud Date <b>02/28/07</b>	
Report for Mr. <b>Bryan Bynog</b>		Report for Mr. <b>Marvin Julian</b>		Section <b>3</b>	Twp <b>16S</b>
Well Name & No. <b>#4 Harold</b>		County <b>Ness</b>		State <b>Kansas</b>	

Operation		Casing		Mud Volume (BBL)		Circulation Data			
Present Activity				Hole	Pits	Liner Size	Stroke	Opposite Drill Pipe	Pump Pressure
<b>Drilling</b>		<b>8 5/8</b>	<b>in. at 353</b>	<b>253</b>	<b>400</b>	<b>6</b>	<b>14</b>	<b>184</b>	<b>800</b>
Bit Size (in.)	No	Intermediate		Total Circulating Vol.		Pump Make & Model		Opposite Drill Collars	Pump Make
<b>7 7/8</b>	<b>1</b>	<b>in. at</b>		<b>653</b>		<b>Ideal C-250</b>		<b>325</b>	<b>Ideal</b>
Drill pipe sz	Type	Production / Liner		Volume in Storage		BBL/ Strk	Strk / Min.	Bottoms Up (Min.)	Pump Model
<b>4</b>	<b>XH</b>	<b>in. at</b>				<b>0.137</b>	<b>60</b>	<b>25</b>	<b>C-250</b>
Drill Collar size	Drilling mud type		BBL/Min.		GAL/Min.	System Total (Min.)			
<b>6</b>	<b>520</b>	<b>Chemical</b>		<b>8.2</b>	<b>345</b>	<b>79</b>			

Sample from Flowline ___ or Pit ___	Daily Mud Cost	Cumulative Mud Cost
Flowline Temperature	<b>4,864.53</b>	<b>5,856.13</b>

Mud Properties	
Time Sample Taken	9:00 AM
Depth (Ft.)	3,515
Weight (lb/gal.)	8.6
Mud Gradient (psi/ft.)	0.447
Funnel Viscosity (Sec/qt. API)	68
Plastic Viscosity cp	11
Yield Point (lb/100 sq.ft.)	18
Gel Strength 10 sec/10 min.	6/17
pH	11.0
Filtrate API (ml/30 min.)	6.4
Cake Thickness 32nd	2
Alkalinity, Mud (Pm)	0
Alkalinity, Filtrate (Pf/Mf)	1.3/2.1
Chloride Content, ppm	2,300
Calcium, ppm	Nil
Sand Content (% by Vol)	tr
Solids Content (% by Vol.)	1.7
Oil Content (% by Vol.)	0.0
Water Content (% by Vol.)	98.3
LCM, lbs/bbl.	3
Reynold's #DP	
Reynold's # DC	
ECD lb/gal	

MUD PROPERTIES SPECIFICATIONS			
Mud Wt. (lbs/gal.)	Viscosity	Filtrate	LCM
<b>9.0-9.4</b>	<b>48-55</b>	<b>8-10cc</b>	<b>1-2 ppb.</b>

- Run stream of water at flowline to control wt.
  - For volume mix the following:  
 80 bbls. Fresh water  
 15 ~~22~~ sx. Gel  
 2 sx. Soda ash  
 1 sx. Caustic  
 1 ~~2~~ sx. Lignite  
 1/2 sx. Pac  
 2 sx. c/s hulls
  - After volume tanks are into system, mix vis mud in pit mud.
  - When mud wt. climbs to 9.1, mix the following in fresh water:  
 80 bbls. Fresh water  
 22 sx. Gel  
 2 SX. SODA ASH  
 1 sx. Caustic soda  
 1/2 sx. Lignite  
 1/2 sx. Pac  
 3 sx. c/s hulls  
 Jet a hole in pits before adding to system.  
 Add over 1 1/2 hour period.
  - Always Keep Hole Full!
  - Always Circulate Hole Clean Before Trips.
- THANK YOU
- Reserve pit chlorides: 41,000 ppm.

DRILLING MUD INVENTORY					
Products:	Prior Day	Delivery	On Hand	Used	Cost
Premium Gel	264		70	194	2,056.40
Lime	2		1	1	8.25
Soda Ash	30		17	13	248.30
Caustic Soda	19		11	8	404.08
Lignite	14		9	5	105.50
C/S Hulls	146		102	44	517.00
Drill Pak	10		5	5	1,525.00
Desco					
Poly Plus	2		2		
Salt Clay					
Starch					

Mud-Co / Service Mud Representative <b>Gary Schmidtberger</b>	Home Address <b>Hays, Ks.</b>	Telephone Number <b>785-625-4931</b>
Cell: <b>785-259-2757</b>	Warehouse Location <b>Pratt, Ks.</b>	Telephone Number <b>620-672-2957</b>

# Mud-Co / Service Mud. Inc.

100 S. Main St., Suite #310, Wichita, Ks. 67202

Report: **4**

## Daily Drilling Mud Report

Date: **03/04/07** Depth: **4190**

Operator <b>Berexco, Inc.</b>	Contractor <b>Beredco Drilling Company</b>	Rig No. <b>10</b>
Address <b>Rig</b>	Address <b>Rig</b>	Spud Date <b>02/28/07</b>
Report for Mr. <b>Bryan Bynog</b>	Report for Mr. <b>Marvin Julian</b>	Section <b>3</b> Twp <b>16S</b> Range <b>25W</b>
Well Name & No. <b>#4 Harold</b>	County <b>Ness</b>	State <b>Kansas</b>

Operation	Casing	Mud Volume (BBL)	Circulation Data			
Present Activity	Hole	Pits	Liner Size	Stroke	Opposite Drill Pipe	Pump Pressure
<b>Drilling</b>	<b>8 5/8 in. at 353</b>	<b>302 400</b>	<b>6</b>	<b>14</b>	<b>184</b>	<b>800</b>
Bit Size (in.) <b>7 7/8</b> No <b>1</b>	Intermediate in. at	Total Circulating Vol. <b>702</b>	Pump Make & Model <b>Ideal C-250</b>	Opposite Drill Collars <b>325</b>	Pump Make <b>Ideal</b>	
Drill pipe sz <b>4</b> Type <b>XH</b>	Production / Liner in. at	Volume in Storage	BBL/ Strk <b>0.137</b> Strk / Min. <b>60</b>	Bottoms Up (Min.) <b>30</b>	Pump Model <b>C-250</b>	
Drill Collar size <b>6</b> <b>520</b>	Drilling mud type <b>Chemical</b>		BBL/Min. <b>8.2</b> GAL/Min. <b>345</b>	System Total (Min) <b>85</b>		

Sample from Flowline ___ or Pit ___	Daily Mud Cost <b>1,536.13</b>	Cumulative Mud Cost <b>7,392.26</b>
Flowline Temperature	Mud Properties	

Time Sample Taken	9:10 AM
Depth (Ft.)	<b>4,190</b>
Weight (lb/gal.)	<b>9.1</b>
Mud Gradient (psi/ft.)	<b>0.473</b>
Funnel Viscosity (Sec/qt. API)	<b>52</b>
Plastic Viscosity cp	<b>10</b>
Yield Point (lb/100 sq.ft.)	<b>24</b>
Gel Strength 10 sec/10 min.	<b>7/17</b>
pH	<b>11.0</b>
Filtrate API (ml/30 min.)	<b>7.2</b>
Cake Thickness 32nd	<b>1</b>
Alkalinity, Mud (Pm)	<b>0</b>
Alkalinity, Filtrate (Pf/Mf)	<b>1.0/1.6</b>
Chloride Content, ppm	<b>2,900</b>
Calcium, ppm	<b>NIL</b>
Sand Content (% by Vol)	<b>tr</b>
Solids Content (% by Vol.)	<b>5.4</b>
Oil Content (% by Vol.)	<b>0.0</b>
Water Content (% by Vol.)	<b>94.6</b>
LCM, lbs/bbl.	<b>2</b>
Reynold's #DP	
Reynold's # DC	
ECD lb/gal	

MUD PROPERTIES SPECIFICATIONS			
Mud Wt. (lbs/gal.)	Viscosity	Filtrate	LCM
<b>9.0-9.4</b>	<b>48-55</b>	<b>8-10</b>	<b>1-2 ppb.</b>

1. Run stream of water at flowline to control wt.
2. Run into system 1/2 of existing premix of mud or as needed.
3. If wt. climbs above 9.2, mix the following:  
80 bbls. Fresh water  
22 sx. Gel  
2 sx. Soda ash  
1 sx. Caustic soda  
1/2 sx. Lignite  
1/2 sx. Pac  
5 sx. c/s hulls  
Jet a hole in pits before adding to system.  
Add over 1 1/2 hour period.
4. If vis is required, mix gel in pit mud.
5. Always Keep Hole Full!
6. Always Circulate Hole Clean Before Trips.

THANK YOU

DRILLING MUD INVENTORY					
Products:	Prior Day	Delivery	On Hand	Used	Cost
Premium Gel	70	140	161	49	519.40
Lime	1		1		
Soda Ash	17		12	5	95.50
Caustic Soda	11		8	3	151.53
Lignite	9		7	2	42.20
C/S Hulls	102		92	10	117.50
Drill Pak	5		3	2	610.00
Desco					
Poly Plus	2		2		
Salt Clay					
Starch					

\* Reserve pit chlorides: ~~26,000~~ ppm.

Mud-Co / Service Mud Representative <b>Gary Schmidtberger</b>	Home Address <b>Hays, Ks.</b>	Telephone Number <b>785-625-4931</b>
<b>Cell: 785-259-2757</b>	Warehouse Location <b>Pratt, Ks.</b>	Telephone Number <b>620-672-2957</b>



# Mud-Co / Service Mud, Inc.

100 S. Main St., Suite #310, Wichita, Ks. 67202

Report: **5**

## Daily Drilling Mud Report

Date: **03/05/07** Depth: **4424**

Operator <b>Berexco, Inc.</b>		Contractor <b>Beredco Drilling Company</b>		Rig No. <b>10</b>	
Address <b>Rig</b>		Address <b>Rig</b>		Spud Date <b>02/28/07</b>	
Report for Mr. <b>Bryan Bynog</b>		Report for Mr. <b>Marvin Julian</b>		Section <b>3</b>	Twp <b>16S</b>
Well Name & No. <b>#4 Harold</b>		County <b>Ness</b>		State <b>Kansas</b>	

Operation		Casing		Mud Volume (BBL)		Circulation Data				
Present Activity				Hole	Pits	Liner Size	Stroke	Opposite Drill Pipe	Pump Pressure	
<b>TIH/w/DST1</b>		<b>8 5/8</b>	<b>in. at 353</b>	<b>354</b>	<b>400</b>	<b>6</b>	<b>14</b>	<b>166</b>	<b>800</b>	
Bit Size (in.)	No	Intermediate		Total Circulating Vol.		Pump Make & Model		Opposite Drill Collars	Pump Make	
<b>7 7/8</b>	<b>1</b>	<b>in. at</b>		<b>754</b>		<b>Ideal C-250</b>		<b>293</b>	<b>Ideal</b>	
Drill pipe sz	Type	Production / Liner		Volume in Storage		BBL/ Strk	Strk / Min.	Bottoms Up (Min.)	Pump Model	
<b>4</b>	<b>XH</b>	<b>in. at</b>				<b>0.137</b>	<b>54</b>	<b>40</b>	<b>C-250</b>	
Drill Collar size	Drilling mud type				BBL/Min.	GAL/Min.	System Total (Min)			
<b>6</b>	<b>520</b>	<b>Chemical</b>				<b>7.4</b>	<b>311</b>	<b>102</b>		

Sample from Flowline x_ or Pit	Daily Mud Cost	Cumulative Mud Cost
Flowline Temperature	<b>507.76</b>	<b>7,900.02</b>

Mud Properties	
Time Sample Taken	<b>8:45 AM</b>
Depth (Ft.)	<b>4,424</b>
Weight (lb/gal.)	<b>9.2</b>
Mud Gradient (psi/ft.)	<b>0.478</b>
Funnel Viscosity (Sec/qt. API)	<b>53</b>
Plastic Viscosity cp	<b>10</b>
Yield Point (lb/100 sq.ft.)	<b>24</b>
Gel Strength 10 sec/10 min.	<b>9/17</b>
pH	<b>11.5</b>
Filtrate API (ml/30 min.)	<b>7.2</b>
Cake Thickness 32nd	<b>2</b>
Alkalinity, Mud (Pm)	<b>0</b>
Alkalinity, Filtrate (Pf/Mf)	<b>1.7/2.9</b>
Chloride Content, ppm	<b>2,800</b>
Calcium, ppm	<b>TR</b>
Sand Content (% by Vol)	<b>TR</b>
Solids Content (% by Vol.)	<b>6.1</b>
Oil Content (% by Vol.)	<b>0.0</b>
Water Content (% by Vol.)	<b>93.9</b>
LCM, lbs/bbl.	<b>2</b>
Reynold's #DP	
Reynold's # DC	
ECD lb/gal	

MUD PROPERTIES SPECIFICATIONS			
Mud Wt. (lbs/gal.)	Viscosity	Filtrate	LCM
<b>9.0-9.4</b>	<b>48-55</b>	<b>8-10</b>	<b>1-2 ppb.</b>

1. Run stream of water at flowline to control wt.
2. If vis is required, mix gel in pit mud.
3. If hole pulls tight, add 1-2 vis cups of Poly Plus down the pipe on connections.
4. When wt. climbs above 9.3 mix the following:  
 80 bbls. Fresh water  
 22 sx. Gel  
 2 sx. Soda ash  
 1 sx. Caustic soda  
 1/2 sx. Lignite  
 1/2 sx. Pac  
 5 sx. c/s hulls  
 Jet a hole in pits before adding to system.  
 Add over 1 1/2 hour period.
5. Always Keep Hole Full!
6. Always Circulate Hole Clean Before Trips.

THANK YOU

DRILLING MUD INVENTORY					
Products:	Prior Day	Delivery	On Hand	Used	Cost
Premium Gel	161		129	32	339.20
Lime	1		1		
Soda Ash	12		10	2	38.20
Caustic Soda	8		7	1	50.51
Lignite	7		6	1	21.10
C/S Hulls	92		87	5	58.75
Drill Pak	3		3		
Desco					
Poly Plus	2		2		
Salt Clay					
Starch					

Mud-Co / Service Mud Representative <b>Gary Schmidtberger</b>	Home Address <b>Hays, Ks.</b>	Telephone Number <b>785-625-4931</b>
Cell: <b>785-259-2757</b>	Warehouse Location <b>Pratt, Ks.</b>	Telephone Number <b>620-672-2957</b>

# Mud-Co / Service Mud. Inc.

100 S. Main St., Suite #310, Wichita, Ks. 67202

Report: **6**

## Daily Drilling Mud Report

Date: **03/06/07** Depth: **4515**

Operator <b>Berexco, Inc.</b>		Contractor <b>Beredco Drilling Company</b>		Rig No. <b>10</b>	
Address <b>Rig</b>		Address <b>Rig</b>		Spud Date <b>02/28/07</b>	
Report for Mr. <b>Bryan Bynog</b>		Report for Mr. <b>Marvin Julian</b>		Section <b>3</b>	Twp <b>16S</b>
Well Name & No. <b>#4 Harold</b>		County <b>Ness</b>		State <b>Kansas</b>	

Operation		Casing		Mud Volume (BBL)		Circulation Data			
Present Activity				Hole	Pits	Liner Size	Stroke	Opposite Drill Pipe	Pump Pressure
<b>TIH/w/DST2</b>		<b>8 5/8</b>	<b>in. at 353</b>	<b>361</b>	<b>400</b>	<b>6</b>	<b>14</b>	<b>184</b>	<b>800</b>
Bit Size (in.)	No	Intermediate		Total Circulating Vol.		Pump Make & Model		Opposite Drill Collars	Pump Make
<b>7 7/8</b>	<b>2</b>	<b>in. at</b>		<b>761</b>		<b>Ideal C-250</b>		<b>325</b>	<b>Ideal</b>
Drill pipe sz	Type	Production / Liner		Volume in Storage		BB/ Strk	Strk / Min.	Bottoms Up (Min.)	Pump Model
<b>4</b>	<b>XH</b>	<b>in. at</b>				<b>0.137</b>	<b>60</b>	<b>37</b>	<b>C-250</b>
Drill Collar size	Drilling mud type				BBL./Min.	GAL/Min.	System Total (Min)		
<b>6</b>	<b>520</b>	<b>Chemical</b>				<b>8.2</b>	<b>345</b>	<b>93</b>	

Sample from Flowline <u>  </u> X <u>  </u> or Pit	Daily Mud Cost	Cumulative Mud Cost
Flowline Temperature	<b>539.75</b>	<b>8,439.77</b>

Mud Properties	
Time Sample Taken	10:00 AM
Depth (Ft.)	4,515
Weight (lb/gal.)	9.1
Mud Gradient (psi/ft.)	0.473
Funnel Viscosity (Sec/qt. API)	58
Plastic Viscosity cp	10
Yield Point (lb/100 sq.ft.)	28
Gel Strength 10 sec/10 min.	11/20
pH	11.0
Filtrate API (ml/30 min.)	8.4
Cake Thickness 32nd	2
Alkalinity, Mud (Pm)	0
Alkalinity, Filtrate (Pf/Mf)	1.4/1.7
Chloride Content, ppm	2,800
Calcium, ppm	20
Sand Content (% by Vol)	TR
Solids Content (% by Vol.)	5.4
Oil Content (% by Vol.)	0.0
Water Content (% by Vol.)	94.6
LCM, lbs/bbl.	2
Reynold's #DP	
Reynold's # DC	
ECD lb/gal	

MUD PROPERTIES SPECIFICATIONS			
Mud Wt. (lbs/gal.)	Viscosity	Filtrate	LCM
<b>9.0-9.4</b>	<b>48-55</b>	<b>8-10</b>	<b>1-2 ppb.</b>

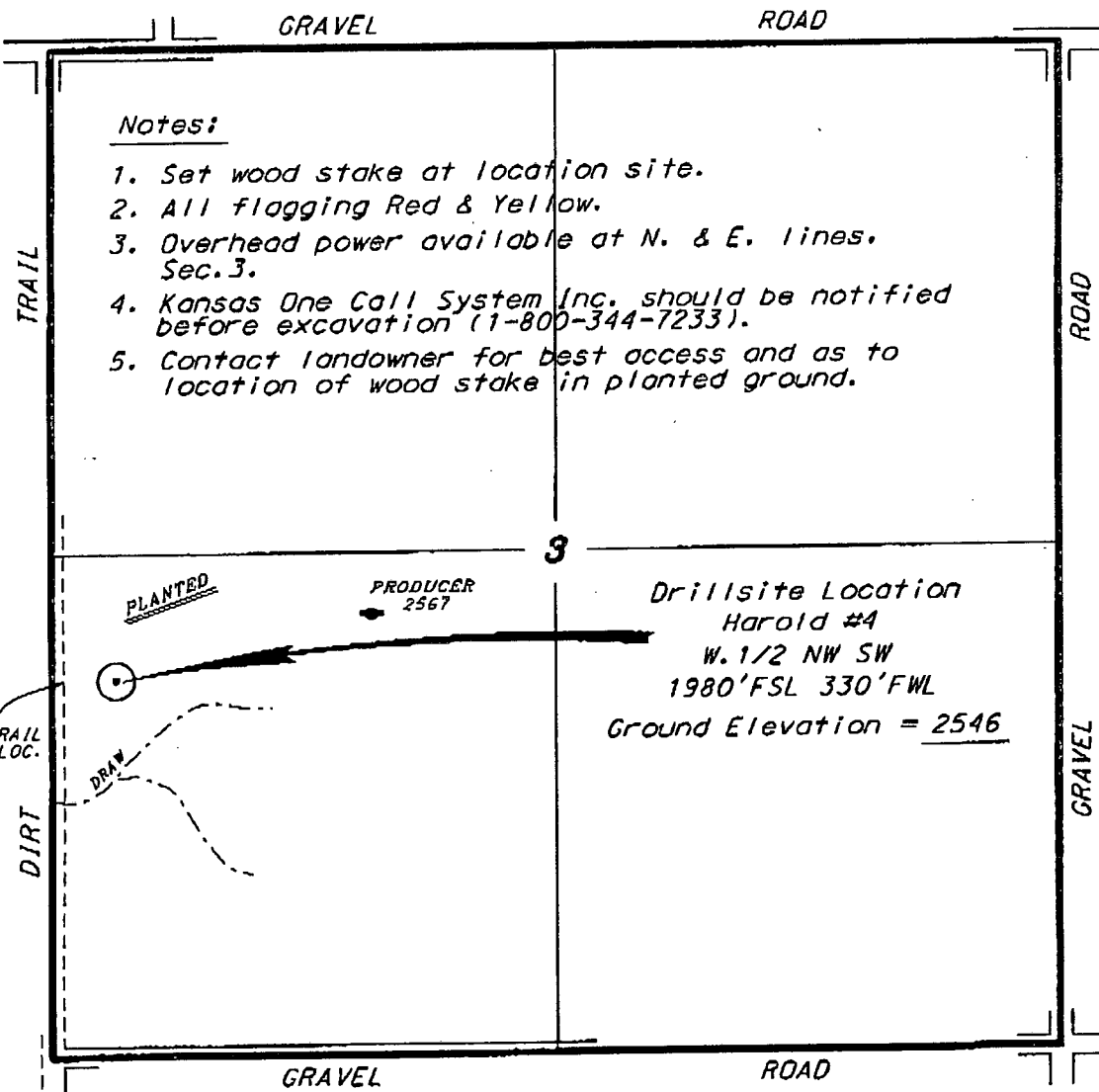
1. Run stream of water at flowline to control wt.
2. If vis is required, mix gel in pit mud.
3. Always Keep Hole Full!
4. Always Circulate Hole Clean Before Trips.

THANK YOU

DRILLING MUD INVENTORY					
Products:	Prior Day	Delivery	On Hand	Used	Cost
Premium Gel	129		116	13	137.80
Lime	1		1		
Soda Ash	10		8	2	38.20
Caustic Soda	7		7		
Lignite	6		6		
C/S Hulls	87		82	5	58.75
Drill Pak	3		2	1	305.00
Desco					
Poly Plus	2		2		
Salt Clay					
Starch					

Mud-Co / Service Mud Representative <b>Gary Schmidtberger</b>	Home Address <b>Hays, Ks.</b>	Telephone Number <b>785-625-4931</b>
Cell: <b>785-259-2757</b>	Warehouse Location <b>Pratt, Ks.</b>	Telephone Number <b>620-672-2957</b>

**BEREXCO, INC.**  
**HAROLD LEASE**  
SW. 1/4, SECTION 3, T16S, R25W  
NESS COUNTY, KANSAS



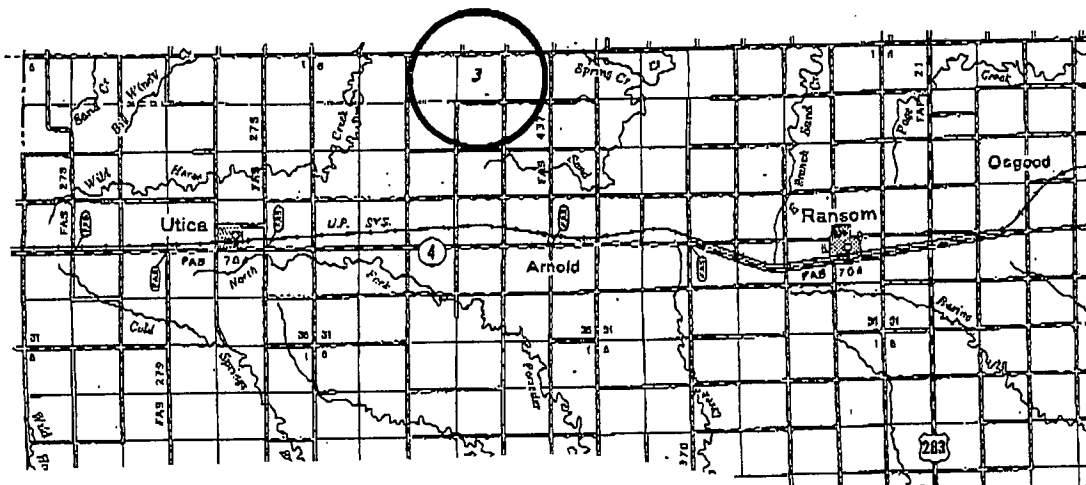
Notes:

1. Set wood stake at location site.
2. All flagging Red & Yellow.
3. Overhead power available at N. & E. lines. Sec. 3.
4. Kansas One Call System Inc. should be notified before excavation (1-800-344-7233).
5. Contact landowner for best access and as to location of wood stake in planted ground.

\*Ingress and egress to location as shown on this plat is per usage only and may not be legally opened for public use. Contact landowner, tenant and county road department for access.

FLAGGED TRAIL OPPOSITE LOC.

SCALE 1" = 1000'



• Contouring data is based upon the best maps and photographs available to us and upon a regular section of land containing 640 acres.

• Approximate section lines were determined using the normal standard of care of oilfield surveyors practicing in the state of Kansas. The section corners, which establish the precise section lines, were not necessarily located, and the exact location of the drill site location in the section is not guaranteed. Therefore, the operator securing this service and accepting this plat and all other parties relying thereon agree to hold Central Kansas Oilfield Services, Inc., its officers and employees harmless from all losses, costs and expenses and said entities released from any liability from incidental or consequential damages.

• Elevations derived from National Geodetic Vertical Datum.

Date November 22, 2006