

Confidentiality Requested:

Yes No

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION**

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

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

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Recompletion Date _____ Date Reached TD _____ Completion Date or Recompletion Date _____

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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 cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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

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				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	O'Brien Energy Resources Corp.
Well Name	PREEDY EAST 3-4
Doc ID	1661296

Tops

Name	Top	Datum
Heebner	4394	-1715
Toronto	4412	-1768
Lansing	4484	-1840
Marmaton	5188	-2544
Cherokee	5356	-2712
Atoka	5602	-2958
Morrow	5650	-3003
Mississippian	5746	-3102
St. Louis	6086	-3442



QUASAR ENERGY SERVICES, INC.

3288 FM 51

Gainesville, Texas 76240

Office: 940-612-3336

Fax: 940-612-3336 | qesi@qeserve.com

Form 185-2c

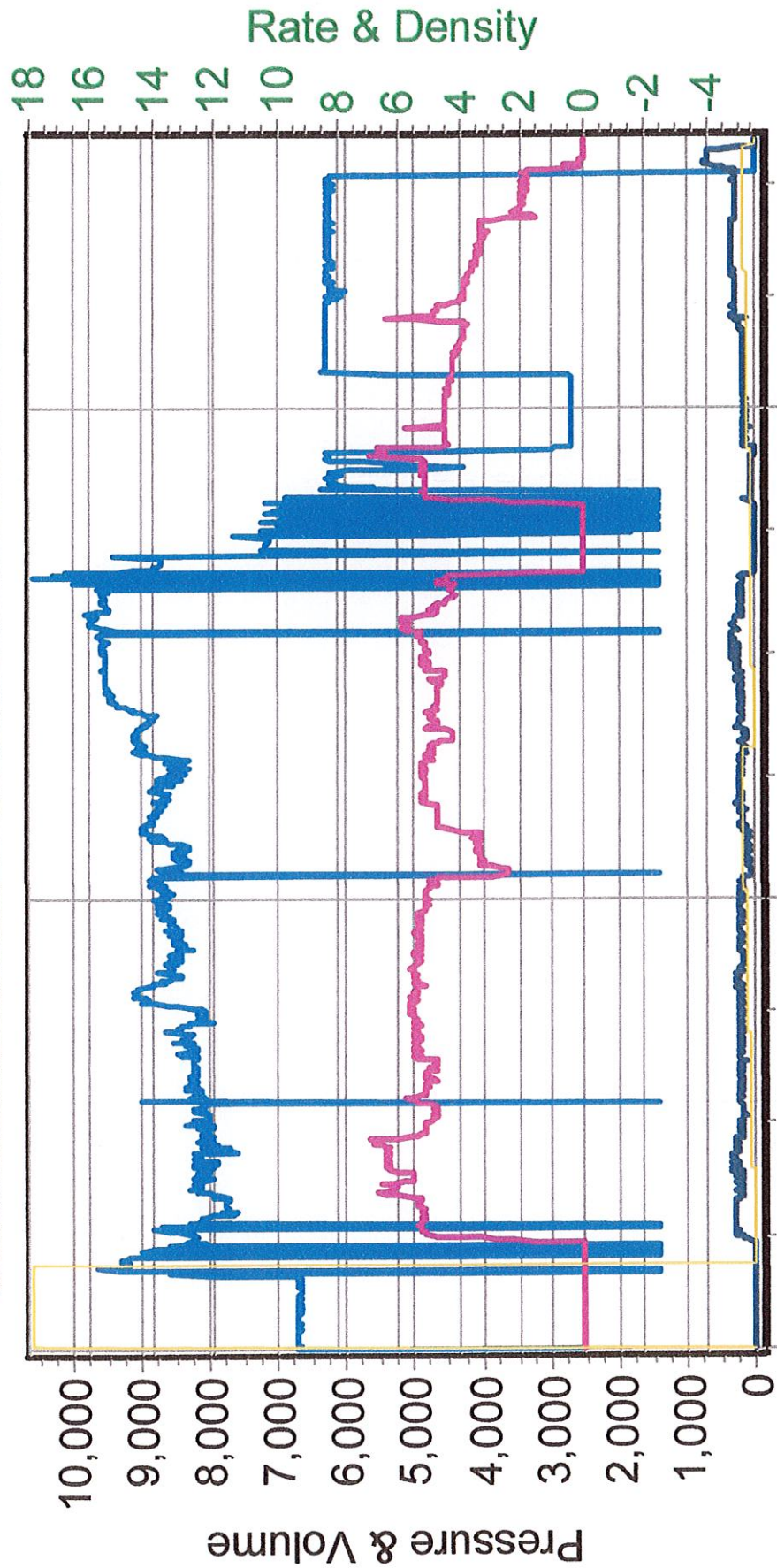
5/2/22

CEMENTING JOB LOG

CEMENTING JOB LOG

Company: O'Brien Energy Resources Corp				Well Name: Preedy East #3-4			
Type Job: Cement- Surface				AFE #:			
CASING DATA							
Size: 8 5/8		Grade: J-55		Weight: 24			
Casing Depths		Top:		Bottom: 1519			
Drill Pipe:		Size:		Weight:		Packer:	
Open Hole:		Size: 12 1/4		T.D. (ft):		Hole:	
CEMENT DATA							
Spacer Type:							
Amt.		Sks Yield	0	ft³/sk		Density (PPG)	
LEAD: Class A: 2%Gyp., 2% SMS., 2% CC., 1/4# Celloflake						Excess	
Amt.	365	Sks Yield	1065.8	ft³/sk	2.92	Density (PPG)	11.43
TAIL: Class A: 2%CC., 1/4# Celloflake						Excess	
Amt.	150	Sks Yield	178.5	ft³/sk	1.19	Density (PPG)	15.69
WATER:							
Lead:	365	gals/sk:	18	Tail:	150	gals/sk:	5.2
						Total (bbls):	175.0
Pump Trucks Used:				04, DP03			
Bulk Equipment:				189, 660-21 / 228, 660-20			
Disp. Fluid Type:		Water (Supplied)		Amt. (Bbls.)		94	
				Weight (PPG):		8.3	
COMPANY REPRESENTATIVE:				CEMENTER: Daniel Beck			
TIME AM/PM	PRESSURES PSI			FLUID PUMPED DATA		REMARKS	
	Casing	Tubing	ANNULUS	TOTAL	RATE		
22:00						ON LOCATION & SAFETY MEETING	
2:15						RIG TO CIRCULATE	
2:50						RIG TO PT	
2:59	280			189.8slurry	5.1	PUMP 365SX LEAD @ 11.4#	
3:37	160			31.7slurry	4.9	PUMP 150SX TAIL @ 15.6#	
3:50						SHUTDOWN / DROP PLUG	
3:56	40			10	5.2	DISPLACE / CEMENT TO SURFACE	
	150			20	4.5		
	150			30	4.5		
	150			40	4.5		
	160			50	4.3		
	190			60	4.0		
	310			70	4.9		
	320			80	3.8		
4:17	360			84	3.3	SLOW RATE TO 2.0BPM @ 300PSI	
	320			90	1.9		
4:21	330			94.0	1.9	LAND PLUG / PRESSURE UP TO 740PSI	
4:23						RELEASE BACK --- FLOAT HELD	
						JOB COMPLETE	
Company: O'Brien Energy Resources Corp				Well Name: Preedy East #2			
Type Job: Cement- Surface				AFE #:			
Date: 5/2/2022		CEMENTING JOB LOG		QUASAR ENERGY SERVICES, INC. 185-2			

Obrien Energy Resources Corp Preedy East # 3

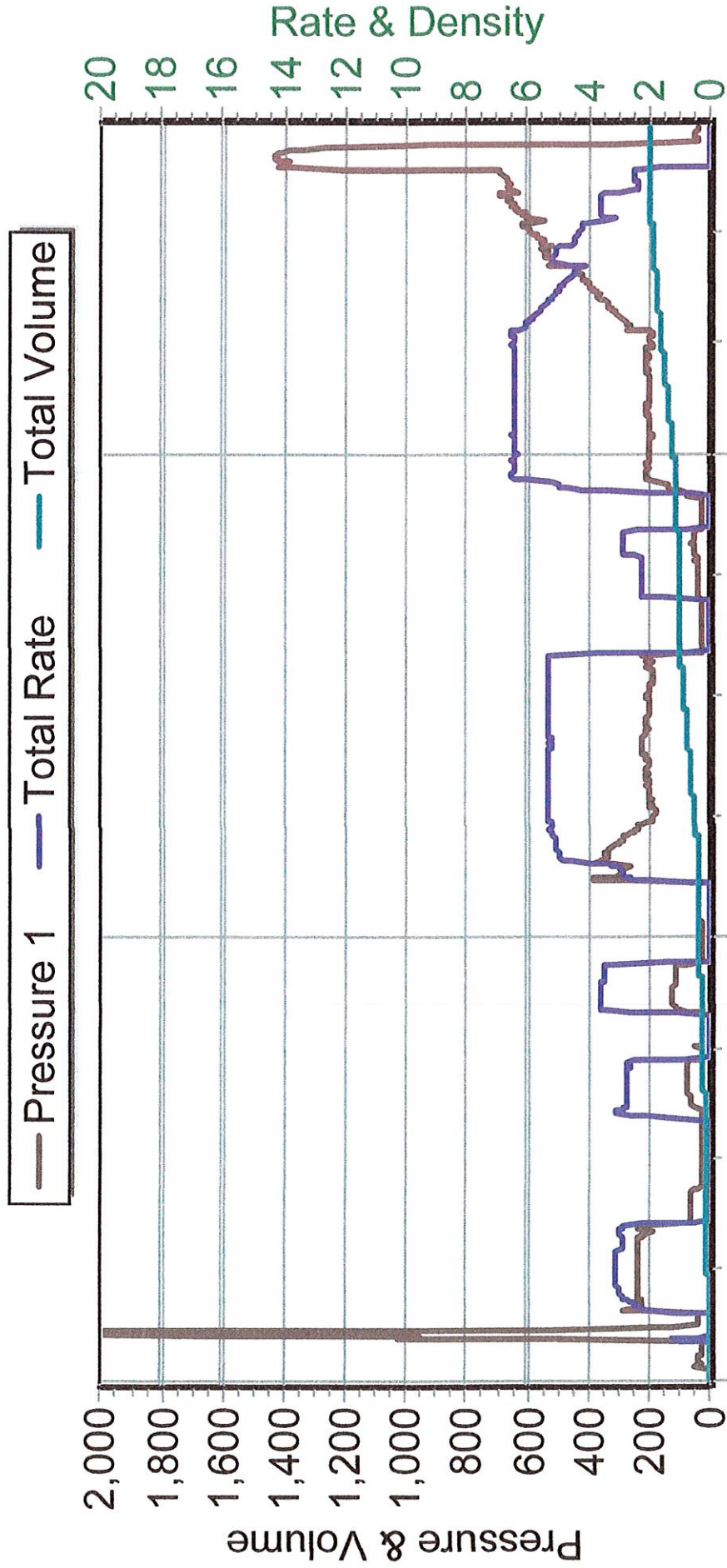


5/2/2022 1:51:06 AM 5/2/2022 2:25:33 AM 5/2/2022 3:03:21 AM

OBIEN ENERGY RESOURCES CORP

PREEDY EAST #3 4.5" PRODUCTION

05/09/2022



5/9/2022 11:49:19 AM 5/9/2022 12:25:57 PM 5/9/2022 12:52:30 PM

O'Brien Energy Resources, Inc.

Preedy East No. 3-4

Section 4, T33S, R29W

Meade County, Kansas

May 2022

Well Summary

The Preedy East No. 3-4 was drilled to a total depth of 6252' in the St. Louis Formation without any major problems. Lost circulation occurred while drilling the surface hole in the Glorrietta(450 bbls) and remedied with a 26 lb/bbl LCM mud system.

The closest offset was the Preedy No. 3-4, approximately 1800' to the west. Formation tops ran high relative to this offset. The Cherokee, Atoka and Morrow came in 2', 19' and 8' high respectively. The Chester, Basal Chester, Ste. Genevieve and St. Louis came in 17', 11', 9' and 6' high. The Preedy East No. 3-4 ran considerably high relative to the Preedy East No. 1-10. The Cherokee and Morrow came in 85' and 107' high. The Morrow "B" Sandstone came in 107' high.

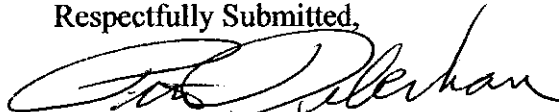
A 750 Unit gas kick occurred in the Morrow "B" Sandstone(5704'-5710') and consists of a Sandstone in 6% of the samples: White to clear, translucent, speckled green, salt and pepper, light brown, friable to hard, fine upper to very fine lower, well sorted subround grains, occasionally moderately sorted, siliceous cement, slightly calcareous, glauconitic, occasionally pyritic, tight to occasionally good intergranular porosity, occasional good vuggy porosity, very pale blue hydrocarbon fluorescence(<1% spl), very faint slow bleeding milky cut, no stain, odor or live oil, show dissipates.

Minor shows occurred in the St. Louis(6086'-6091' and 6158'-6168') and Basal Chester.

Gas kicks occurred in the Upper Lansing, (4536'-4550') 450 Units, 4578'-4586') 400 Units and (4617'-4626') 100 Units. No hydrocarbon shows were documented in samples but good visible porosity does exist in samples and excellent porosity and gas cross over noted on logs.

4 ½" production casing was set to TD on 5/9/2022.

Respectfully Submitted,



Peter Debenham

WELL DATA

Operator: O'Brien Energy Resources, Inc., John Forma – Portsmouth, NH
Geologist: Joe Forma, Ed Schuett, David Ward

Well: Preedy East No. 3-4, Mohler SE Field

Location: 2270' FNL & 640' FEL, Section 4, T34S, R29W, Meade County, Kansas – South of Meade.

Elevation: Ground Level 2632', Kelly Bushing 2644'

Contractor: Duke Drilling Rig No. 1, Type: Double jackknife, double stand, Toolpusher Mike Godfrey, Drillers: Brothers Carlos and Saul Garcia and Henry Daiz

Company Man: Rodney Gonzales

Spud Date: 4/30/2022

Total Depth: 5/7/2022, Driller 6252', Logger 6256', St. Louis

Casing Program: 8 5/8" J55 24 lbs/ft STC set at 1516'. 4 1/2" production casing set to TD on 5/9/22, cement did circulate.

Mud Program: Winter Mud, engineer Paul White, displaced 2600', Chem. gel/LCM.

Wellsite Consultant: Peter Debenham, Call depth 3000', Box 350, Drake, CO 80515, 720/220-4860.

Mudlogging Trailer: Austin Gardner, MBC Logging, Meade

Samples: 30' to 4600', 20' to 5200'.

Electric Logs: Wireline Solutions engineer Alejandro De La Garza, Hector Garcia, Array Induction, Compensated Neutron/Density, Microlog, Hi Res.

Status: 4 1/2" production casing set to TD on 5/9/2022.

BIT RECORD

<u>NO.</u>	<u>MAKE</u>	<u>TYPE</u>	<u>SIZE</u>	<u>OUT</u>	<u>FOOTAGE</u>	<u>HOURS</u>
1	PL519	PDC	12 1/4"	1529'	1529'	10.7
2	HLM516	PDC	7 7/8"	6252'	4723'	80 3/4
Total Rotating Hours:						91 1/2
Average:						68.3 Ft/hr

DEVIATION RECORD - degree

All < 1 ½

MUD PROPERTIES

<u>DATE</u>	<u>DEPTH</u>	<u>WT</u>	<u>VIS</u>	<u>PV</u>	<u>YP</u>	<u>WL</u>	<u>pH</u>	<u>CL</u>	<u>LCM-LBS/BBL</u>
4/30	0'	8.6	36	5	12	100	7	600	6
5/1	1205'	8.5	34	5	12	100	8	6000	26
5/2	1526'	8.4	26	1	1	100	8	1000	
5/3	2123'	9.2	32	5	14	100	8.5	55000	
5/4	3592'	8.7	48	17	10	11	11	5000	4
5/5	4837'	9.2	47	17	11	8.5	11	5000	6
5/6	5534'	9.2	55	17	12	8	11	5000	8
5/7	6215'	9.2	55	16	14	8	11	5000	8

ELECTRIC LOG FORMATION TOPS- KB Elev. 2644'

<u>FORMATION</u>	<u>DEPTH</u>	<u>DATUM</u>	<u>*Preedy No. 3-4</u>	
			<u>DATUM</u>	<u>POSITION</u>
Casing	1516'			
Heebner	4394'	-1715'		
Toronto	4412'	-1768'	-1773	+5'
Lansing	484'	-1840'		
Marmaton	5188'	-2544'	-2542'	-2'
Cherokee	5356'	-2712'	-2714'	+2'
Atoka	5602'	-2958'	-2962'	+19'
Morrow	5650'	-3003'	-3014'	+8'
Morrow "B" SS	5704'	-3060'		
Mississippi Chester	5746'	-3102'	-3119'	+17'
Basal Chester	5958'	-3314'	-3325'	+11'
Ste. Genevieve	5992'	-3348'	-3357'	+9'
St. Louis	6086'	-3442'	-3448'	+6'
TD	6252'			

*O'Brien Energy Resources, Preedy No. 3-4, 1980' FSL & 2305' FEL, Section 4, 33 S, 29W -- app. 1800' to the West, K.B. Elev. 2681'.