

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-105 Revised June 10, 2003 WELL API NO. 30-045-31908 5. Indicate Type of Lease STATE ☐ FEE ☒ State Oil & Gas Lease No.																														
WELL COMPLETION OR RECOMPLETION REPORT AND LOG																																
1a. Type of Well: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐ b. Type of Completion: NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. ☐ WELL OVER BACK RESERVE ☐ OTHER ☐		7. Lease Name or Unit Agreement Name Cecil Cast																														
2. Name of Operator Maralex Resources, Inc.		8. Well No. 2A																														
3. Address of Operator P.O. Box 338, Ignacio, CO 81137		9. Pool name or Wildcat Basin Fruitland Coal																														
4. Well Location Unit Letter <u>E</u> <u>1577</u> Feet From The <u>North</u> Line and <u>411</u> Feet From The <u>West</u> Line Section <u>19</u> Township <u>30N</u> Range <u>11W</u> NMPM <u>San Juan</u> County																																
10. Date Spudded 01/3/04	11. Date T.D. Reached 01/31/04	12. Date Compl. (Ready to Prod.) 2/26/04																														
13. Elevations (DF& RKB, RT, GR, etc.) 5572' GR		14. Elev. Casinghead																														
15. Total Depth 2015'	16. Plug Back T.D. 1958'	17. If Multiple Compl. How Many Zones?																														
18. Intervals Drilled By Rotary Tools <u>X</u> Cable Tools <u>X-Conductor</u>		19. Producing Interval(s), of this completion - Top, Bottom, Name Basal Fruitland Coal 1813' - 1833'																														
20. Was Directional Survey Made Yes-Attached		21. Type Electric and Other Logs Run CBL, Induction Log, Dual Spaced Neutron (already submitted)																														
22. Was Well Cored No		23. CASING RECORD (Report all strings set in well)																														
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CASING SIZE</th> <th>WEIGHT LB./FT.</th> <th>DEPTH SET</th> <th>HOLE SIZE</th> <th>CEMENTING RECORD</th> <th>AMOUNT PULLED</th> </tr> </thead> <tbody> <tr> <td>13-3/8"</td> <td>48#</td> <td>65'</td> <td>(Conductor Pipe)</td> <td></td> <td></td> </tr> <tr> <td>8-5/8"</td> <td>24#</td> <td>248'</td> <td>12-1/4"</td> <td>200 sx Class B</td> <td></td> </tr> <tr> <td>5-1/2" J-55</td> <td>15.5#</td> <td>2006'</td> <td>7-7/8"</td> <td>200 sx 65/35 Pozmix followed by</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>100 sx Standard Cement</td> <td></td> </tr> </tbody> </table>			CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	13-3/8"	48#	65'	(Conductor Pipe)			8-5/8"	24#	248'	12-1/4"	200 sx Class B		5-1/2" J-55	15.5#	2006'	7-7/8"	200 sx 65/35 Pozmix followed by						100 sx Standard Cement	
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24. LINER RECORD																																
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET																									
					2-3/8"	1869'																										
25. TUBING RECORD				26. Perforation record (interval, size, and number) 1814' - 1832'																												
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED See Attached Acid and Frac Reports																												
28. PRODUCTION																																
Date First Production 3/3/04		Production Method (Flowing, gas lift, pumping - Size and type pump) Swabbing (Waiting on Pipeline)			Well Status (Prod. or Shut-in) Producing																											
Date of Test 3/3/04	Hours Tested 2	Choke Size Open	Prod'n For Test Period	Oil - Bbl 0	Gas - MCF 2	Water - Bbl 5	Gas - Oil Ratio																									
Flow Tubing Press. 10	Casing Pressure 195	Calculated 24-Hour Rate	Oil - Bbl 0	Gas - MCF 24	Water - Bbl 50	Oil Gravity - API - (Corr.)																										
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented						Test Witnessed By Dennis Reimers																										
30. List Attachments Acid and Frac Report; Deviation Report, Cement Tickets																																
31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief																																
Signature <i>Carla S. Shaw</i>		Printed Name Carla S. Shaw		Title Production Technician		Date 03/16/04																										
E-mail Address carlasue4@lycos.com																																

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland 1584	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs 1866	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo	T.	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology
1584	1813	229	Kirtland Fruitland Coal
1813	1833	20	Basal Fruitland Coal

MARALEX RESOURCES, INC.

**CECIL CAST # 2A
SUPPLEMENTAL INFORMATION TO FORM C-105
COMPLETION REPORT
ACIDIZING AND FRAC TREATMENT REPORT**

REPORT DATE: 02/19/04 (JRG)

Rig up. Nipple up BOP on 7-1/16" frac valve. Trip in hole. Tally and pick up tubing off float. Tag up at 1985'. Pull up to 1810'. **Load hole with 2% KCL, took 39-1/2 BBls to fill hole. Pump 300 gallons 7-1/2% HCL followed by 600 gallons 12-3 mud acid. Dropped (100) 7/8" 1.1 S.G. ball sealers in middle 400 gallons of mud acid. Overdisplace with 30 BBls 2% KCL water.** Average treating pressure of 1300 psi at 2.5 BPM. No ball action observed. ISIP 450 psi – fell to 0 psi in 2 minutes. Rig down treaters. Pull out of hole with tubing. Pick up 5-1/2" casing scraper and trip in hole to 1985'. Pull out of hole laying down tubing on float. Move float off location. Rig down

REPORT DATE: 02/20/04 (DRR)

Move in and rig up Halliburton. Pressure test lines to 500 psi – held good. Run quality control checks on water (ph, temp), x-link tests, break times and proppant sieve distribution. Hold safety meeting. Establish "Red Line" pressure at 3800 psi. Fracture stimulation Basin Fruitland Coal (1814' – 1832') as follows:

Pump 1000 gallons 15% HCL. Shut down for 30 minutes with 500 gallons above top perf.

Pump 14,000 gallons 20# x-link pad at 30.3 BPM and 2500 psi.

Observed an immediate pressure increase with 1 PPG sand on perforations.

Incrementally lower rate to 20 BPM and sand concentration to 1/2 PPG.

Pressure stabilized at 3250 psi. Observed good pressure breaks.

Stage from 1/2 PPG to 1 PPG – through 5 PPG.

Observing steady – linear incline in pressure. Pumped total of 94,310# 16-30 Brady sand. (86,640# through perfs). Pressure response indicator of tip screen out.

Left 7670# in wellbore. Theoretical sand top at approximately 1384'. Shut in well and rig down Halliburton. By 2:30 PM – well was on a vacuum.

February 8, 2004

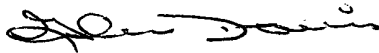
Maralex Resources Inc.
P.O. Box 338
Ignacio, CO 81137

This letter is to certify that D&D Services LLC did run deviation surveys at the below listed depths on your Cecil Cast 2A, in S19 T30N R11W in San Juan County, New Mexico.

Depth	Deviation
245	$\frac{3}{4}$
745	$\frac{3}{4}$
1245	$\frac{1}{4}$
1800	1

To the best of my knowledge, I swear this information to be true.

Sincerely,



Glen Davis
Drilling Manager

STATE OF NEW MEXICO

COUNTY OF SAN JUAN

This document was signed before me on the 9th day of February, 2004, by Glen Davis, known to me.


Notary Public

MY COMMISSION EXPIRES: 7/10/07

COB LOG

UICKA#

28909

TICKET DATE

01/27/04

REGION

USA

NWA / COUNTRY

ROCKIES

BDA / STATE

NM

COUNTY

San Juan

MBU ID / EMPL #

FA0206 121486

[illegible]

Dan Auld

PSL DEPARTMENT

CEMENT

LOCATION

FARMINGTON

COMPANY

Maralex

CUSTOMER REP / PHONE

Jim Graves 970-799-1639

TICKET AMOUNT

WELL TYPE

113

APIJWI #

30-045-31908

WELL LOCATION

Aztec

DEPARTMENT

CEMENT

JOB PURPOSE CODE

8 5/8 Surface

LEASE / WELL #

Cecil Cast

Well No.

2 A

SEC / TWP / RNG

19-30N-11W

[illegible]

JOB SUMMARY

2890946

101/27/04

REGION USA	STATE NM	COUNTY San Juan
WELL ID / EMPL # FA0208 121486	WELL TYPE 13	APVAM # 30-045-31908
LOCATION FARMINGTON	DEPARTMENT CEMENT	SAP BOMB NUMBER
TICKET AMOUNT	SEC / TWP / RNG 19-30N-11W	Description 8 5/8 Surface
WELL LOCATION Aztec	DEPARTMENT CEMENT	
LEASE Cecil Cast	SEC / TWP / RNG 19-30N-11W	

K.E.S. EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Dan Auld 121486				
F. Hamlin 222790				
J. Ortega 159916				

H.E.S. UNIT #3 / (R/T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10286392				
10251407				
10248068				

Form. Name _____	Type: _____				
Form. Thickness _____	From _____ To _____				
Packer Type _____	Set At _____				
Bottom Hole Temp. _____	Pressure _____				
Retainer Depth _____	Total Depth _____				

	Called Out	On Location	Job Started	Job Completed
Date	1/27/2004	1/27/2004	1/27/2004	1/27/2004
Time	1330	1415	1636	1700

Tools and Accessories			New/Used	Weight	Size Grade	From	To	Max. Allow
Type and Size	Qty	Make						
Float Collar			Casing	24.0	8 5/8	0		
Float Shoe			Liner					
Centralizers	4	S4	Liner					
Top Plug			Tubing					
Limit Clamp	1		Drill Pipe					
DV Tool			Open Hole		12 1/4	0	263	Shots/Ft.
Insert Float			Perforations					
Guide Shoe	1	Sawtooth	Perforations					
Weld-A	1		DV Tool					

Mud Log						Time On Location		Operating Time		Description of Job
Mud Type _____	Density _____	Lb/Gal _____	Date _____	Hours _____	Date _____	Hours _____	SEE JOB LOG			
Disp. Fluid _____	Density _____	Lb/Gal _____	11/27		11/27					
Prop. Type _____	Size _____	Lb _____								
Prop. Type _____	Size _____	Lb _____								
Acid Type _____	Gal. _____	% _____								
Acid Type _____	Gal. _____	% _____								
Surfactant _____	Gal. _____	In _____								
NE Agent _____	Gal. _____	In _____								
Fluid Loss _____	Gal/Lb _____	In _____								
Gelling Agent _____	Gal/Lb _____	In _____								
Fric. Red. _____	Gal/Lb _____	In _____								
Breaker _____	Gal/Lb _____	In _____								
Blocking Agent _____	Gal/Lb _____		Total _____		Total _____					
Perfpac Balls _____	Qty. _____									
Other _____										
Other _____										
Other _____										
Other _____										
Other _____										
			Hydraulic Horsepower							
			Ordered _____		Avail. _____		Used _____			
			Treating _____		Average Rate (GPM) _____		Overall _____			
			Feet _____		Concrete/Lubrication _____					
					Reason _____					

Cement Data							
Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
	200	Std	B	2% CC - 1/4# Flocele	5.20	1.18	15.6
			B				
			B				
			B				
			B				

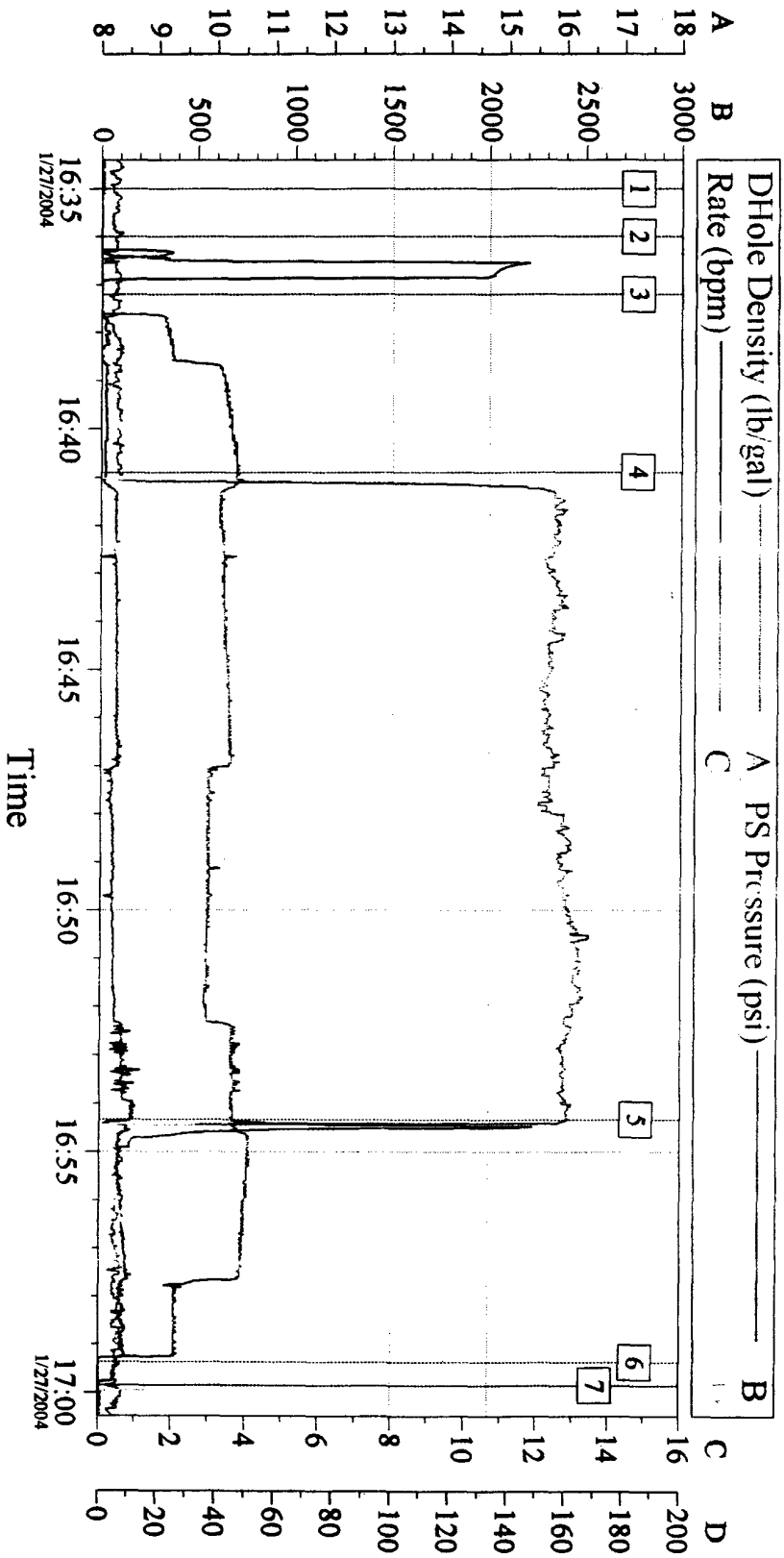
Summary									
Circulating	Displacement	Preflush:	Gal - BBI	Type:					
Breakdown	Maximum	Load & Bkdn:	Gal - BBI	Pad: Bbl - Gal					
Lost Returns - \	Lost Returns - NO	Excess / Return	Gal BBI	Calc. Disp Bbl					
Cmt Rtn# Bbl	Actual TOC	Calc. TOC:		Actual Disp.					
Average	Frac. Gradient	Treatment:	Gal - BBI	Disp: Bbl - Gal					
Shut In: Instant	5 Min.	15 Min.	Cement Slurry	Gal - BBI	42				
			Total Volume	Gal - BBI	42				

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER REPRESENTATIVE X

SIGNATURE

8 5/8 Surface



Customer: Maralex

Job Date: 1-27-04

Ticket #: 2890946

JOB LOG

11/10/2013

29058

Introduction

02/04/04

REGION

USA

NWA / COUNTRY

ROCKIES

BDA / STATE

INM

COUNTY

San Juan

MBU ID / EMPL #

FA0206 121486

H.E.S. EMPLOYEE NAME	
----------------------	--

Dan Auld

PSL DEPARTMENT

CEMENT

LOCATION**FARMINGTON**

COMPANY

Maralex

CUSTOMER REP / PHONE

Jim Graves 790-799-1639

TICKET AMOUNT

WELL TYPE

113

APVUWI #

WELL LOCATION

Azteco

DEPARTMENT

CEMENT

JOB PURPOSE CODE

5 1/2 Long String

LEASE / WELL #

Cecil Cast

Well No.

2A

SEC / TWP / RNG

19-30N-11W

[illegible]

JOB SUMMARY		SALES ORDER NUMBER 2905849	TICKET DATE 02/04/04
		BDA / STATE NM	COUNTY San Juan
REGION USA	COUNTRY ROKIES	PSL DEPARTMENT CEMENT	
WSU ID / EMPL # FA0206 121486	H.E.S. EMPLOYEE NAME Dan Auld	CUSTOMER REP / PHONE Jim Graves 790-799-1639	
LOCATION FARMINGTON	COMPANY Maralex	API/UNI #	
TICKET AMOUNT	WELL TYPE 13	SAP BOMB NUMBER	Description 5 1/2 Long String
WELL LOCATION Aztec	DEPARTMENT CEMENT		
LEASE Cecil Cast	SEC / TWP / RNG 19-30N-11W		

H.E.S. EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Dan Auld 121486				
S. Jones 248302				
J. Meza 275055				
J. Cacy 195890				

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10286392				
10248037				
10243553-10025024				
10248068				

Form. Name _____	Type: _____
Form. Thickness _____	From _____ To _____
Packer Type _____	Set At _____
Bottom Hole Temp. _____	Pressure _____
Retainer Depth _____	Total Depth _____

Date	Called Out	On Location	Job Started	Job Completed
	2/4/2004	2/4/2004	2/4/2004	2/4/2004
Time	0900	1300	1541	1630

Type and Size	Qty	Make	New/Used	Weight	Size	Grade	From	To	Max. Allow
Float Collar	1	Trophy Auto		15.5	5 1/2		0	2,003	
Float Shoe									
Centralizers	17	S4							
Top Plug	1	5W							
Limit Clamp	2								
Bottom Plug	1								
Insert Float									
Guide Shoe									
Weld-A	1								

Mud Type _____ Density _____ Lb/Gal _____ Disp. Fluid _____ Density _____ Lb/Gal _____ Prop. Type _____ Size _____ Lb _____ Prop. Type _____ Size _____ Lb _____ Acid Type _____ Gal. _____ % _____ Acid Type _____ Gal. _____ % _____ Surfactant _____ Gal. _____ In _____ NE Agent _____ Gal. _____ In _____ Fluid Loss _____ Gal/Lb _____ In _____ Gelling Agent _____ Gal/Lb _____ In _____ Fric. Red. _____ Gal/Lb _____ In _____ Breaker _____ Gal/Lb _____ In _____ Blocking Agent _____ Gal/Lb _____ Perfpac Balls _____ Qty. _____ Other _____ Other _____ Other _____ Other _____ Other _____	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Date</th> <th>Hours</th> <th>Date</th> <th>Hours</th> </tr> <tr> <td>2/4</td> <td></td> <td>2/4</td> <td></td> </tr> <tr><td> </td><td></td><td> </td><td></td></tr> <tr><td> </td><td></td><td> </td><td></td></tr> <tr><td> </td><td></td><td> </td><td></td></tr> <tr><td> </td><td></td><td> </td><td></td></tr> <tr><td> </td><td></td><td> </td><td></td></tr> <tr><td> </td><td></td><td> </td><td></td></tr> <tr><td> </td><td></td><td> </td><td></td></tr> <tr><td> </td><td></td><td> </td><td></td></tr> <tr><td> </td><td></td><td> </td><td></td></tr> </table>	Date	Hours	Date	Hours	2/4		2/4																																						SEE JOB LOG <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>Ordered _____</td> <td>Avail. _____</td> <td>Used _____</td> </tr> <tr> <td>Treating _____</td> <td>Average Rate in BPM _____</td> <td>Overall _____</td> </tr> <tr> <td>Feet _____</td> <td>Disp. _____</td> <td></td> </tr> <tr> <td></td> <td>Cement Latent Pipe _____</td> <td></td> </tr> <tr> <td></td> <td>Reason _____</td> <td></td> </tr> </table>	Ordered _____	Avail. _____	Used _____	Treating _____	Average Rate in BPM _____	Overall _____	Feet _____	Disp. _____			Cement Latent Pipe _____			Reason _____	
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Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
	200	65/35/Std/Poz	B	6% Gel - 5# Gilsonite - 1/4# Flocele	9.48	1.88	12.4
	100	Std	B	.4% Halad 344 - 5# Gilsonite 1/4# Flocele	5.21	1.26	15.2
			B				
			B				
			B				

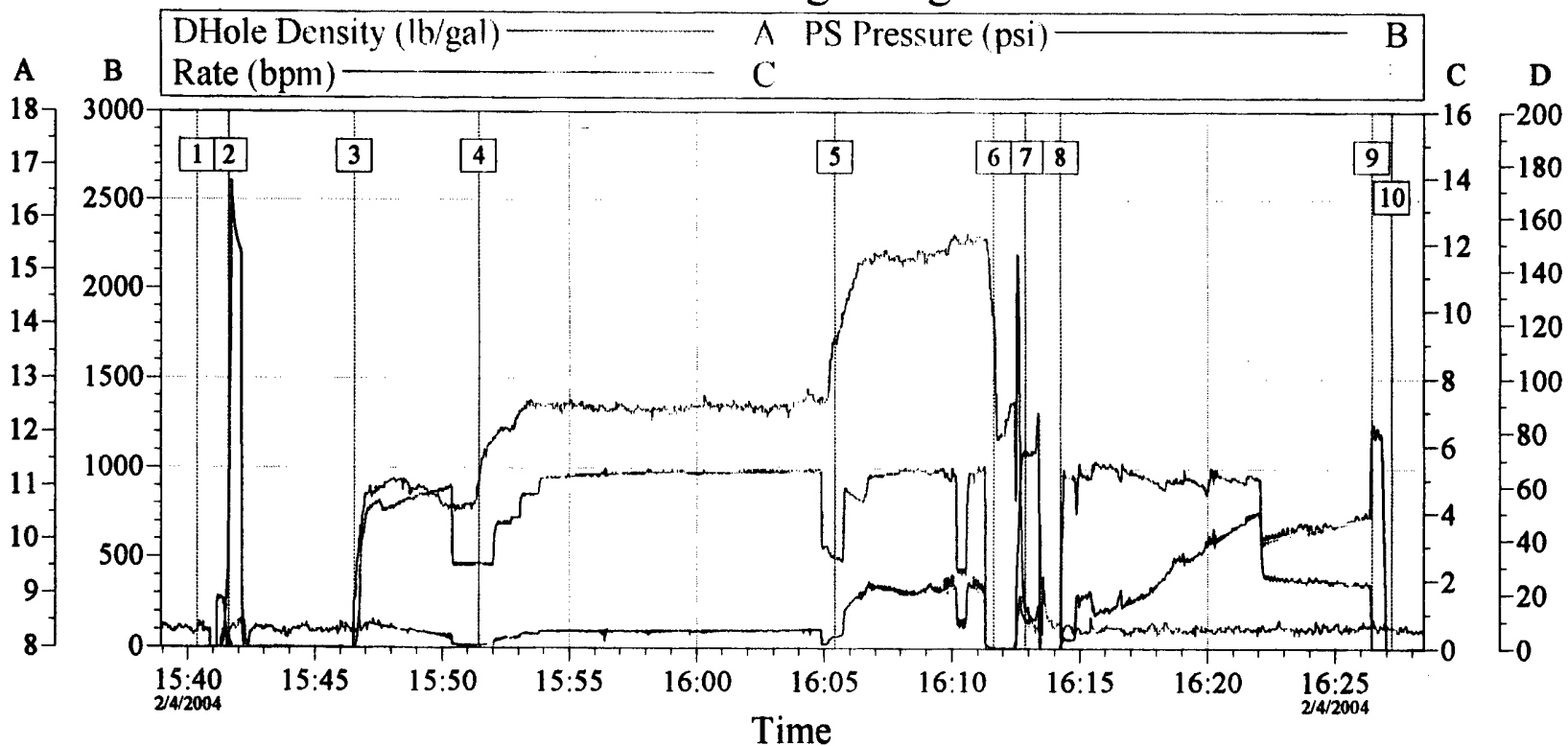
Circulating _____	Displacement _____	Preflush: Gal - BBI _____	Type: _____
Breakdown _____	Maximum _____	Load & Bkdn: Gal - BBI _____	Pad: Bbl - Gal _____
Lost Returns- _____	Lost Returns-NO _____	Excess /Return Gal BBI _____	Calc. Disp Bbl _____
Cmt Rtn#Bbl _____	Actual TOC _____	Calc. TOC: _____	Actual Disp. _____
Average _____	Frac. Gradient _____	Treatment: Gal - BBI _____	Disp: Bbl-Gal _____
Shut In: Instant _____	5 Min. _____ 15 Min _____	Cement Slurry Gal - BBI _____	BBI
		Total Volume Gal - BBI _____	89

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER REPRESENTATIVE X

SIGNATURE _____

5 1/2 Long String



Event Log

1 Start Job	15:40:22	2 Test Lines	15:41:37	3 Pump Spacer 1	15:46:33
4 Pump Lead Cement	15:51:26	5 Pump Tail Cement	16:05:25	6 Clean Lines	16:11:39
7 Drop Top Plug	16:12:52	8 Pump Displacement	16:14:15	9 Bump Plug	16:26:26
10 End Job	16:27:12				

Customer: Maralex

Job Date: 2-4-04

Ticket #: 2905849

HALLIBURTON

CemWin v1.3.0
04-Feb-04 16:31