



KANSAS CORPORATION COMMISSION 1058882
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 6039
Name: L. D. Drilling, Inc.
Address 1: 7 SW 26TH AVE
Address 2: _____
City: GREAT BEND State: KS Zip: 67530 + 6525
Contact Person: L. D. DAVIS
Phone: (620) 793-3051
CONTRACTOR: License # 33323
Name: Petromark Drilling, LLC
Wellsite Geologist: JOSH AUSTIN
Purchaser: M V PURCHASING

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 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 ENHR Conv. to SWD
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____
5/23/2011 05/28/2011 6/07/2011
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-009-25561-00-00
Spot Description: _____
SW SW NE Sec. 2 Twp. 19 S. R. 15 East West
2310 Feet from North / South Line of Section
2310 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Barton
Lease Name: COBB Well #: 2
Field Name: OTIS-ALBERT
Producing Formation: REAGAN SAND
Elevation: Ground: 1968 Kelly Bushing: 1971
Total Depth: 3700 Plug Back Total Depth: 3678
Amount of Surface Pipe Set and Cemented at: 940 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: 6000 ppm Fluid volume: 0 bbls
Dewatering method used: Evaporated
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

Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Deanna Gertler Date: 07/05/2011



1058882

Operator Name: L. D. Drilling, Inc. Lease Name: COBB Well #: 2
 Sec. 2 Twp. 19 S. R. 15 East West County: Barton

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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name Attached	Top Attached Datum Attached
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run: DUAL INDUCTION LOG DUAL COMPENSATED POROSITY LOG SONIC CEMENT BOND LOG			

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	7.875	8.625	24	940	A CON	200	
SURFACE - CONT	7.875	8.625	24	940	COMMON	200	1/4#CF,3%CC,2%Ge
PRODUCTION	12.25	5.5	14	3697	60/40 POZMIX	180	2%Gel, 18% Salt, 75%Friction Reducer

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ Plug Off Zone	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
4	3609 - 3615'		

TUBING RECORD:	Size: <u>2.375</u>	Set At: <u>3674</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>6/11/2011</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" 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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
---	--	--

Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	COBB 2
Doc ID	1058882

Tops

ANHYDRITE	947	+1044
BASE ANHYDRITE	974	+1071
TOPEKA	2961	-970
HEEBNER	3208	-1217
TORONTO	3223	-1232
DOUGLAS	3236	-1245
BROWN LIME	3285	-1294
LANSING	3293	-1302
BASE KANSAS CITY	3512	-1521
CONGLOMERATE	3525	-1534
REAGAN SAND	3607	-1616



BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 04278 A

DATE _____ TICKET NO. _____

DATE OF JOB <u>5-24-2011</u> DISTRICT <u>PRATT, Ks.</u>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:							
CUSTOMER <u>LD DRILLING, INC.</u>		LEASE <u>COBB</u> WELL NO. <u>2</u>							
ADDRESS		COUNTY <u>BARTON</u> STATE <u>Ks.</u>							
CITY STATE		SERVICE CREW <u>LESEY, MITCHELL, FENWICK</u>							
AUTHORIZED BY		JOB TYPE: <u>CNW - 4 5/8" S.P.</u>							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
<u>19870</u>	<u>1</u>					<u>5-24-11</u>	<u>4:00</u>		
<u>19849-19842</u>	<u>1</u>					ARRIVED AT JOB		AM	<u>7:30</u>
<u>19831-21010</u>	<u>1</u>					START OPERATION		AM	<u>8:30</u>
						FINISH OPERATION		AM	<u>9:45</u>
						RELEASED		AM	<u>10:15</u>
						MILES FROM STATION TO WELL			<u>60</u>

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 101	A-CON BLEND	SK	200		3,100.00
CP 100	COMMON	SK	200		3,200.00
CC 102	CELL-FLAKE	lb	100		370.00
CC 109	CALCIUM CHLORIDE	lb	11285		1,124.90
CC 200	CEMENT GEL	lb	370		94.00
CF 105	TOP RUBBER PLUG, 5 1/2"	EA	1		225.00
E 100	PICKUP MILEAGE	MT	100		255.00
E 101	HEAVY EQUIPMENT MILEAGE	MT	120		840.00
E 113	BULK DELIVERY CHARGE	TR	11285		1,804.80
FE 201	DEPTH CHARGE; 50' - 1000'	HR	1-4		1,200.00
FE 240	BLENDING SERVICE CHARGE	SK	400		560.00
FE 504	PLUG CONTAINER CHARGE	YR	1		350.00
S 003	SERVICE SUPERVISOR	EA	1		175.00

CHEMICAL / ACID DATA:			

SUB TOTAL		<u>10,593.80</u>
SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE <u>Kevin Pesley</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: _____ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
FIELD SERVICE ORDER NO.	

BASIC

energy services, L.P.

TREATMENT REPORT

Customer	LD DRILLING, INC.	Lease No.		Date	5-24-2011			
Lease	COBB	Well #	2					
Field Order #	4278	Station	PRATT, Ks.	Casing	5 1/2" TD	Depth	945'	
Type Job	CNW - 2 5/8 S.P.		Formation		County	BARTON	State	Ks.
						Legal Description	2-14-15	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
5 1/2"			CMT -	200SK ACUN				
Depth 935'	Depth	From	To	Pre Pad	2.47 CUFT ³	Max		5 Min.
Volume 59 BBL	Volume	From	To	Pad	200SK COMMON	Min		10 Min.
Max Press 500	Max Press	From	To	Frac	@ 1.31 CUFT ³	Avg		15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth 715	Packer Depth	From	To	Flush	58 BBL	Gas Volume		Total Load

Customer Representative	Jim	Station Manager	D. SCOTT	Treater	K. LESLEY
-------------------------	-----	-----------------	----------	---------	-----------

Service Units	19870	19889	19842	19831	21010				
Driver Names	LESLEY	MITCHELL	—	FENWICK	—				

Time	Casing Pressure	Tubing Pressure	Bbbls. Pumped	Rate	Service Log
7:30 AM					ON LOCATION 1 - SAFETY MEETING
7:46 AM					RUN 22 JTS. OF 2 5/8" CSG. X 24"
8:25 AM					CSG. ON BOTTOMS
8:30 AM					HOOK UP TO CSG. / BREAK CIRC. W/ RIG
8:58 AM	300		5	5	H ₂ O. AHEAD
9:00 AM	150		88	6	MIX 200SKS A-CON @ 12.0*
9:22 AM	150		48	6	MIX 200 SKS COMMON @ 15.0*
9:30 AM					SHUT DOWN! - RELEASE PLUG
9:33 AM	0		0	5	START DISPLACEMENT
9:42 AM	150		48	4	SLOW RATE
9:45 AM	200		58	3	PLUG DOWN! - CLOSE IN AT HEAD
					CIRCULATION THRU JOB
					CIRCULATED 15 BBL TO PIT
					JOB COMPLETE,
					THANKS -
					KEVEN LESLEY



BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 04351 A

2-195-15W

DATE _____ TICKET NO. _____

DATE OF JOB 5-29-11		DISTRICT Pratt, Kansas		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>		PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/>		CUSTOMER ORDER NO.:	
CUSTOMER L.D. Drilling, Incorporated				LEASE Cobb				WELL NO. 2	
ADDRESS				COUNTY Barton		STATE Kansas			
CITY		STATE		SERVICE CREW C. Messick; M. Mattal; J. Burgardt;					
AUTHORIZED BY				JOB TYPE: C.N.W. - Longstring J. McCoskey					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
37,216	1						5-28-11	AM	9:00
						ARRIVED AT JOB	5-29-11	PM	12:00
14,903-19,905	1					START OPERATION		PM	4:25
						FINISH OPERATION		AM	5:25
14,831-21,010	1					RELEASED	5-29-11	PM	5:45
						MILES FROM STATION TO WELL	60		

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 103	60/40 Poz Cement	sh	150		\$ 1,800.00
CP 103	60/40 Poz Cement	sh	30		\$ 360.00
CC 102	Cellflite	Lb	38		\$ 140.60
CC 105	Defoamer	Lb	33		\$ 132.00
CC 111	Salt (Fine)	Lb	1,333		\$ 666.50
CC 112	Cement Friction Reducer	Lb	97		\$ 582.00
CC 201	Gilsonite	Lb	750		\$ 502.50
CF 103	Top Rubber Plug, 5 1/2"	ea	1		\$ 105.00
CF 251	Regular Guide Shoe, 5 1/2"	ea	1		\$ 250.00
CF 145L	Insert Float Valve, 5 1/2"	ea	1		\$ 215.00
CF 165L	Turbolizer, 5 1/2"	ea	5		\$ 550.00
CC 204	CS-1L:KCL	Gal	1		\$ 35.00
CC 151	Mud Flush	Gal	500		\$ 430.00

CHEMICAL / ACID DATA:			

SUB TOTAL		
NLS		
SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE _____ THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: _____

FIELD SERVICE ORDER NO. _____ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)



BASIC

ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

WELL NO. 1718

2-195-15W

DATE _____ TICKET NO. _____

DATE OF JOB: 5-29-11		DISTRICT: Pratt, Kansas		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>		PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/>		CUSTOMER ORDER NO.:		
CUSTOMER: L.D. Drilling, Incorporated				LEASE: Cobb				WELL NO. 2		
ADDRESS:				COUNTY: Barton				STATE: Kansas		
CITY:				STATE:				SERVICE CREW: C. Messick, M. Mattal, J. Burgardt		
AUTHORIZED BY:				JOB TYPE: C.N.W. - Longstring				J. McCuskey		
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
						ARRIVED AT JOB				
						START OPERATION				
						FINISH OPERATION				
						RELEASED				
						MILES FROM STATION TO WELL				

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

TEMP PRICE REL. NO	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
E 100	Pickup Mileage	Mi	60	\$	255 00
E 101	Heavy Equipment Mileage	Mi	120	\$	840 00
E 113	Bulk Delivery	tm	465	\$	744 00
CE 204	Cement Pump: 3,001 Feet To 4,000 Feet	hrs	4	\$	2,160 00
CE 240	Blending and Mixing Service	shr	180	\$	252 00
CE 504	Plug Container	Job	1	\$	250 00
S 003	Service Supervisor	hrs	8	\$	175 00

CHEMICAL / ACID DATA:		

SUB TOTAL		ALS	\$ 2,042 34
SERVICE & EQUIPMENT	%TAX ON \$		
MATERIALS	%TAX ON \$		
TOTAL			

SERVICE REPRESENTATIVE: <i>[Signature]</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>[Signature]</i>
	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

BASIC

energy services, L.P.

TREATMENT REPORT

Customer L.P. Drilling, Incorporated	Lease No. Cobb	Well # 2	Date 5-29-11
Field Order # 33	Station Pratt, Kansas	Casing" 5 1/2	Depth 3697ft
Type Job C.N.W. - Longstring	Formation	County Barton	State Kansas
		Legal Description 2-195-15W	

PIPE DATA		PERFORATING DATA		MATERIALS USED		TREATMENT RESUME	
Casing Size 5 1/2" 14lb	Tubing Size 4 1/2"	Shots/Ft 150 sacks	150 sacks	60/40 Poz	with 28 gal. 75% Friction	RATE	PRESS
Depth 3697ft	Depth From	From	Reducer	.258 Defoamer	1885 gal.	25 LB	5.75" cellulose
Volume 40.2 Bbl	Volume From	From	5 1/2" ST. Gilsonite				
Max Press 1000 PSI	Max Press From	From	14.31 gal.	5.92 gal/stk.	1.42 cu. ft	15 Min	
Wall Connection 1 1/2" Gal. Ann	Annulus Vol. From	From	3. sack	6/40 Poz to	MHP Used Plug Rat Hole		Annulus Pressure
Plug Depth 3624 ft	Packer Depth From	From		Rbl. Fresh Water			Total Load

Customer Representative: D. David Scott
Treater: Clarence R. Messick

Service Units							
Driver Names							

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
12:00					Trucks on location and hold safety meeting.
1:15					Petromark Drilling start to run Regular Guide Shoe, Shoe Joint with Auto Fill insert screwed into Collar and a total of 87 Joints new 14 lb./ft. 5 1/2" casing. A Turbolizer was installed on Collars # 1, 3, 5, 7, and # 9.
3:00					Casing in well. Circulate for 1 Hour.
4:25	300		20	6	Start 28% KCL Pre-Flush after Pressure testing.
			32	5	Start Mud Flush.
			51	5	Start Fresh Water spacer.
4:32	300		73		Start mixing 150 sacks 60/40 Poz cement.
					Stop pumping. Shut in well. Wash pump and lines. Release Top Rubber Plug. Open Well.
4:44	100		70	6.5	Start Fresh Water Displacement.
				5	Start to lift cement.
5:00	500		90		Plug down.
	1700				Pressure up.
					Release pressure. Insert held.
5:10				3	Plug Rat Hole.
5:45					Wash up pump truck.
					Job Complete.
					Thank You.
					Clarence, Milte, Terrod, Jeffery

GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: JOSH AUSTIN

Phone: Fax: e-mail:

Well Information:

Name: COBB #2

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S2/19S/15W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JOSH AUSTIN

Test Type: CONVENTIOAL Job Number: D965

Test Unit:

Start Date: 2011/05/27 Start Time: 01:15:00

End Date: 2011/05/27 End Time: 08:45:00

Report Date: 2011/05/27 Prepared By: JOHN RIEDL

Qualified By: JOSH AUSTIN

Remarks:

RECOVERY: 210' MUD CUT WATER\tab\tab\tab



James C. Musgrove
Petroleum Geologist
Home (620) 587-344.
Office (620) 587-3500 212 Main St. • P.O. Box 215 • Clarita, KS 67525

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY K.D. Drilling, Inc.
LEAF Cobb #2
FIELD Otis - Albert
LOCAT ON Sw-Sw-Ne (2310 FNL & 2310 FEL)
SEC 2 T1/4SP 19s RGE 15w
COUNTY Barton STATE Kansas

ELEVATIONS
KB 1991
DF _____
GL 1986
Measurements Are All From KB

CONTRACTOR Petroleum Drilling (Cris #2)
SPUD 05-23-2011 COMP 05-28-2011
RTD 3700 LTD 3700
MUD UP 2791 TYPE MUD Chemical Displaced

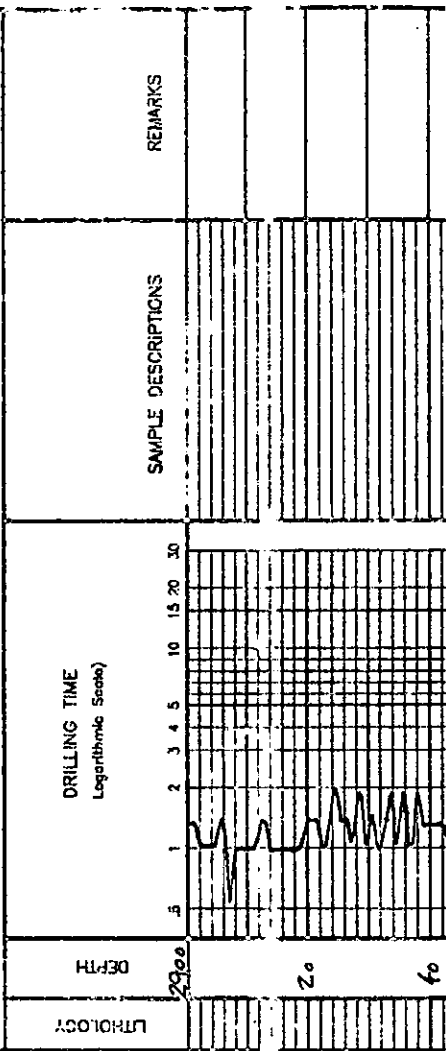
CASING
SURFACE 838 @ 945
PRODUCTION 5 1/2" @ 3699
ELECTRICAL SURVEYS
By Log-Tech
Case/KR, DIL

SAMPLES SAVED FROM 2900 TO 3700
DRILLING TIME KEPT FROM 2900 TO 3700 RFD
SAMPLES EXAMINED FROM 2900 TO 3700
GEOLOGICAL SUPERVISION FROM 3160 TO 3700
GEOLOGIST ON WELL Josh Austin

FORMATION TOPS	LOG	SAMPLES
anhydrite	947 - 1044	
base anhydrite	974 - 1071	LTD 3700 - 1709
terrosa	2961 - 310	
Wethner	3208 - 1217	
Tomato	3223 - 1232	
Douglas	3236 - 1245	
Brown Limestone	3265 - 1294	
Wansing	3293 - 1302	
base Kansas City	3512 - 1381	
Conglomerate	3525 - 1394	
Keokuk Sand	3607 - 1416	
RTD	3700 - 1409	

5 1/2" production casing was set and cemented at 3699'
Respectfully Submitted,
Josh Austin
Petroleum Geologist

LEGEND



7505

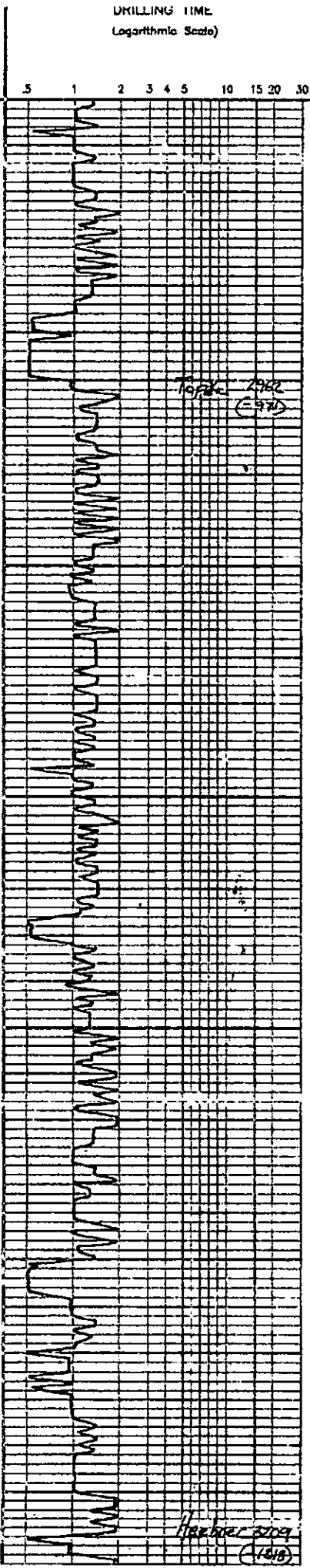
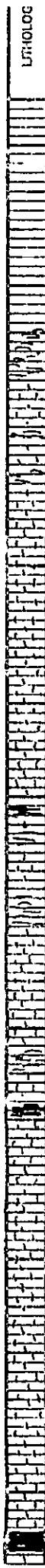
100 7702

LITHOLOG	DEPTH	DRILLING TIME (Logarithmic Scale)										SAMPLE DESCRIPTIONS	REMARKS		
		5	1	2	3	4	5	10	15	20	30				
	2900														
	20														
	40														
	60														
	80														
	3000														
	20														
	40														
	60														
	80														
	3100														
	20														
	40														
	60														
	80														
	3200														
	20														
	40														
	60														
	80														
	3300														
	20														
	40														
	60														
	80														
	3400														
	20														
	40														
	60														
	80														
	3500														

Top of 2062
(572)

KB 1991

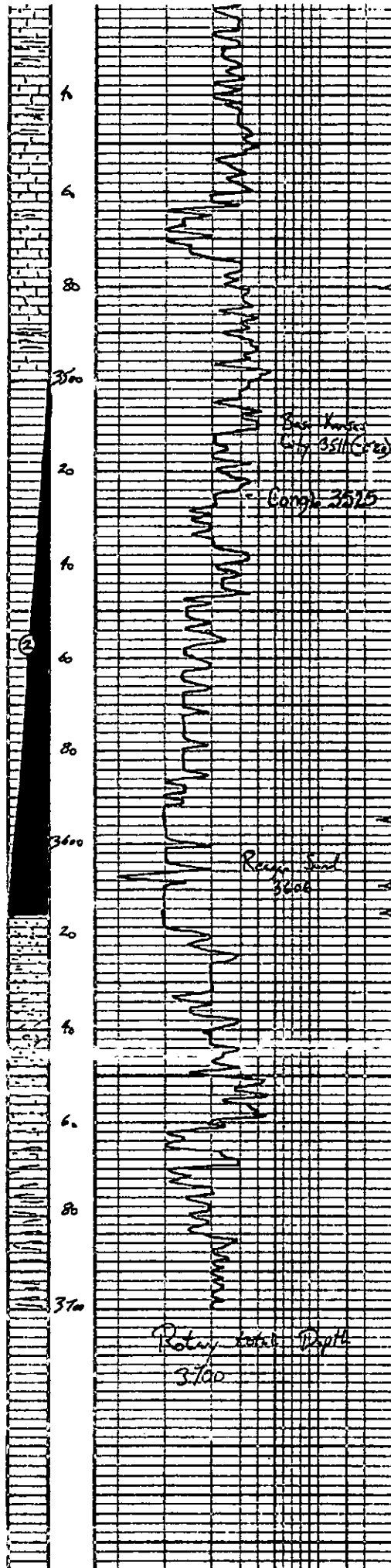
Marker 3004
(1018)



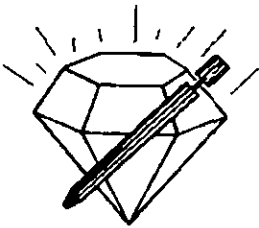
2900
20
40
60
80
3000
20
40
60
80
3100
20
40
60
80
3200
20
40
60
80
3300
20
40
60
80
3400
20
40
60
80
3500

gy - greyish green soft silty shale
ls - grey - cream fine dense dry
gy shale
ls - grey fine dense porous dry to part
ls - grey - dark grey heavy d
ls - cream - white - fine cherty in part silty fine porous 1/5
blk carb sh
ls - cream with fine cherty (thin)
gy - green - cream, shale
ls - cream - fine - grey fine cherty
Slightly in part - dark porous 1/5
blk carb shale
ls - cream - fine - dark fine cherty 1/5
ls - cream - grey sub - porous - silty dolomitic fragments (bottom)
ls - cream - fine - dark cherty in part - dense porous
ls - cream to grey d
blk carb shale

REMARKS



Depth (ft)	Description	Notes
0 - 100	grey-greenish	
100 - 150	grey-greenish green slate	
150 - 200	grey-greenish green slate	
200 - 250	grey-greenish green slate	
250 - 300	grey-greenish green slate	
300 - 350	grey-greenish green slate	
350 - 400	grey-greenish green slate	
400 - 450	grey-greenish green slate	
450 - 500	grey-greenish green slate	
500 - 550	grey-greenish green slate	
550 - 600	grey-greenish green slate	
600 - 650	grey-greenish green slate	
650 - 700	grey-greenish green slate	
700 - 750	grey-greenish green slate	
750 - 800	grey-greenish green slate	
800 - 850	grey-greenish green slate	
850 - 900	grey-greenish green slate	
900 - 950	grey-greenish green slate	
950 - 1000	grey-greenish green slate	
1000 - 1050	grey-greenish green slate	
1050 - 1100	grey-greenish green slate	
1100 - 1150	grey-greenish green slate	
1150 - 1200	grey-greenish green slate	
1200 - 1250	grey-greenish green slate	
1250 - 1300	grey-greenish green slate	
1300 - 1350	grey-greenish green slate	
1350 - 1400	grey-greenish green slate	
1400 - 1450	grey-greenish green slate	
1450 - 1500	grey-greenish green slate	
1500 - 1550	grey-greenish green slate	
1550 - 1600	grey-greenish green slate	
1600 - 1650	grey-greenish green slate	
1650 - 1700	grey-greenish green slate	
1700 - 1750	grey-greenish green slate	
1750 - 1800	grey-greenish green slate	
1800 - 1850	grey-greenish green slate	
1850 - 1900	grey-greenish green slate	
1900 - 1950	grey-greenish green slate	
1950 - 2000	grey-greenish green slate	
2000 - 2050	grey-greenish green slate	
2050 - 2100	grey-greenish green slate	
2100 - 2150	grey-greenish green slate	
2150 - 2200	grey-greenish green slate	
2200 - 2250	grey-greenish green slate	
2250 - 2300	grey-greenish green slate	
2300 - 2350	grey-greenish green slate	
2350 - 2400	grey-greenish green slate	
2400 - 2450	grey-greenish green slate	
2450 - 2500	grey-greenish green slate	
2500 - 2550	grey-greenish green slate	
2550 - 2600	grey-greenish green slate	
2600 - 2650	grey-greenish green slate	
2650 - 2700	grey-greenish green slate	
2700 - 2750	grey-greenish green slate	
2750 - 2800	grey-greenish green slate	
2800 - 2850	grey-greenish green slate	
2850 - 2900	grey-greenish green slate	
2900 - 2950	grey-greenish green slate	
2950 - 3000	grey-greenish green slate	
3000 - 3050	grey-greenish green slate	
3050 - 3100	grey-greenish green slate	
3100 - 3150	grey-greenish green slate	
3150 - 3200	grey-greenish green slate	
3200 - 3250	grey-greenish green slate	
3250 - 3300	grey-greenish green slate	
3300 - 3350	grey-greenish green slate	
3350 - 3400	grey-greenish green slate	
3400 - 3450	grey-greenish green slate	
3450 - 3500	grey-greenish green slate	
3500 - 3550	grey-greenish green slate	
3550 - 3600	grey-greenish green slate	
3600 - 3650	grey-greenish green slate	
3650 - 3700	grey-greenish green slate	



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313

ON 01:15 5/27/11

OFF 08:45 5/27/11

DRILL-STEM TEST TICKET

STC/CObb2dst1

Company L D DRILLING INC Lease & Well No. COBB #2
 Contractor PETROMARK DRILLING RIG 2 Charge to L D DRILLING INC
 Elevation 1911 K.B. Formation LANSING A+B Effective Pay _____ Ft. Ticket No. D965
 Date 5/27/11 Sec. 2 Twp. 19 S Range 15 W County BARTON State KANSAS
 Test Approved By JOSH AUSTIN Diamond Representative JOHN C. RIEDL

Formation Test No. 1 Interval Tested from 3290 ft. to 3326 ft. Total Depth 3326 ft.
 Packer Depth 3285 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3290 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ 3293 ft. Recorder Number 30046 Cap. 6000 P.S.I.
 Bottom Recorder Depth (Outside) _____ 3323 ft. Recorder Number 11073 Cap. 4000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 68 Drill Collar Length 120 ft. I.D. 2 1/4 in.
 Weight 8.7 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 4,000 P.P.M. Drill Pipe Length 3148 ft. I.D. 3 1/2 in.
 Jars: Make BOWEN Serial Number NOT USED Test Tool Length 22 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 36 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: GOOD (BUILT THROUGHOUT TO 6") NO BB
 2nd Open: FAIR (3") NO BB

Recovered 210 ft. of MCW (20%MUD 80%WATER) CHLORIDES 30,000Ppm

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: TOTAL FLUID RECOVERY:210' (90' IN DRILL PIPE,120' IN DRILL COLLARS)

	Price Job
	Other Charges
	Insurance
	Total

Time Set Packer(s) 3:25 A.M. A.M. P.M. Time Started Off Bottom 6:35 A.M. A.M. P.M. Maximum Temperature 112

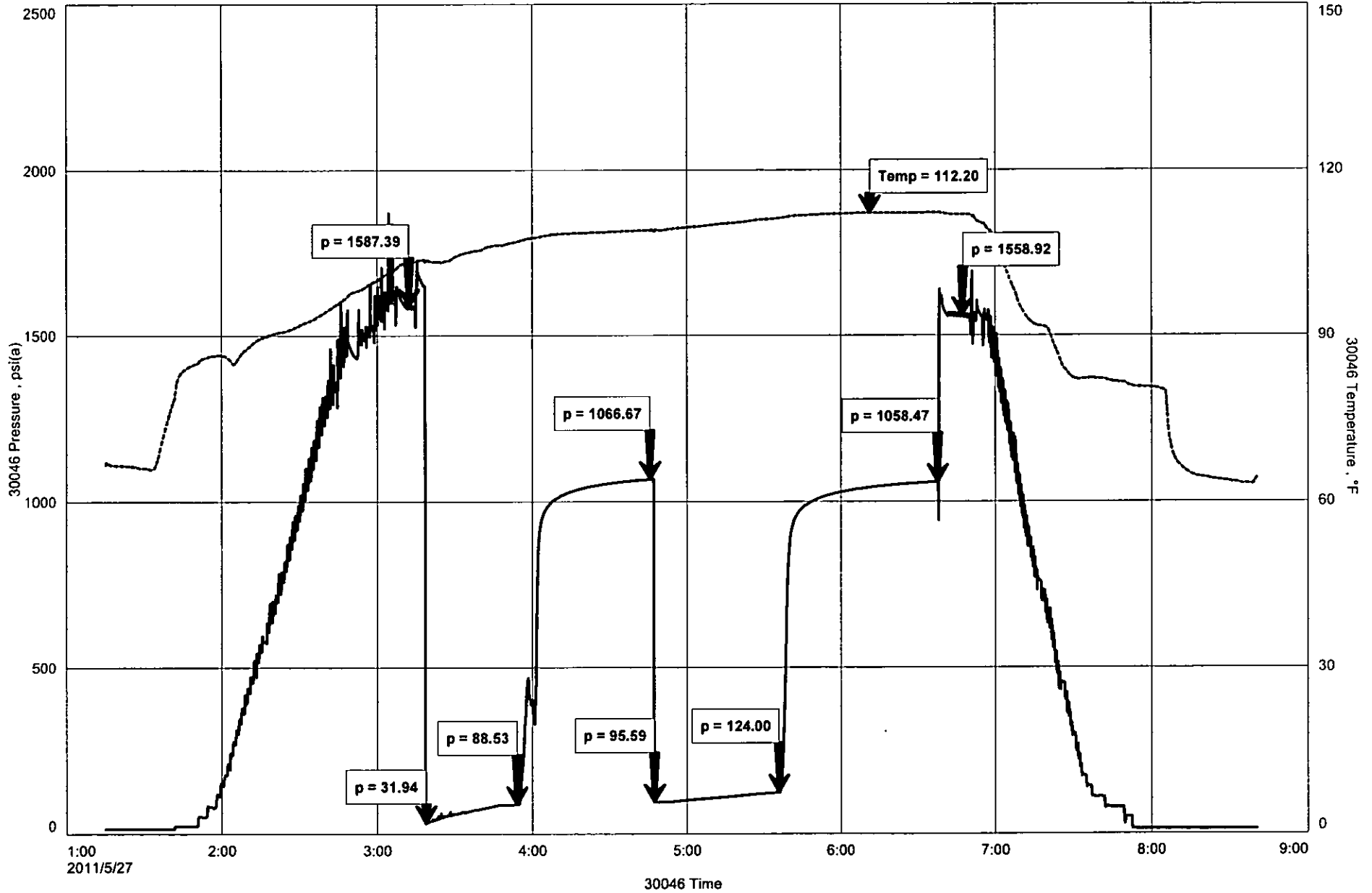
Initial Hydrostatic Pressure (A) 1587 P.S.I.
 Initial Flow Period Minutes 40 (B) 32 P.S.I. to (C) 89 P.S.I.
 Initial Closed In Period Minutes 45 (D) 1067 P.S.I.
 Final Flow Period Minutes 45 (E) 96 P.S.I. to (F) 124 P.S.I.
 Final Closed In Period Minutes 60 (G) 1058 P.S.I.
 Final Hydrostatic Pressure (H) 1559 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

L D DRILLING INC
Start Test Date: 2011/05/27
Final Test Date: 2011/05/27

COBB #2
Formation: LANSING A+B
Job Number: D965

COBB #2



GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: JOSH AUSTIN

Phone: Fax: e-mail:

Well Information:

Name: COBB #2

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S2/19S/15W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JOSH AUSTIN

Test Type: CONVENTIONAL Job Number: D966

Test Unit:

Start Date: 2011/05/28 Start Time: 04:00:00

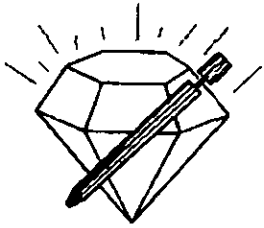
End Date: 2011/05/28 End Time: 10:50:00

Report Date: 2011/05/28 Prepared By: JOHN RIEDL

Qualified By: JOSH AUSTIN

Remarks:

RECOVERY :900' GAS IN PIPE, 600' GAS+OIL CUT MUD



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

ON 04:00 5/28/11

OFF 10:30 5/28/11

DRILL-STEM TEST TICKET

STC/CObb2dst2

Company L D DRILLING INC Lease & Well No. COBB #2
 Contractor PETROMARK DRILLING RIG 2 Charge to L D DRILLING INC
 Elevation 1911 K.B Formation CONG SAND Effective Pay _____ Ft. Ticket No. D966
 Date 5/28/11 Sec. 2 Twp. 19 S Range 15 W County BARTON State KANSAS
 Test Approved By JOSH AUSTIN Diamond Representative JOHN C. RIEDL

Formation Test No. 2 Interval Tested from 3500 ft. to 3615 ft. Total Depth 3615 ft.
 Packer Depth 3495 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3500 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number 30046 Cap. 6000 P.S.I.
 Bottom Recorder Depth (Outside) _____ ft. Recorder Number 11073 Cap. 4000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 69 Drill Collar Length 120 ft. I.D. 2 1/4 in.
 Weight 9.4 Water Loss 9.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 6,000 P.P.M. Drill Pipe Length 3358 ft. I.D. 3 1/2 in.
 Jars: Make BOWEN Serial Number NOT USED Test Tool Length 22 ft. Tool Size 3 1/2-1F in.
 Did Well Flow? NO Reversed Out NO Anchor Length 115 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: STRONG (B.O.B 4 MINUTES) FAIR BB
 2nd Open: STRONG (B.O.B 2 MINUTES) STRONG BB

Recovered 900 ft. of GAS IN PIPE
 Recovered 100 ft. of OIL SPECKED GM(25%GAS 75%MUD)
 Recovered 180 ft. of O+GCM (15%OIL 25%GAS 60%MUD)
 Recovered 320 ft. of G+MCO (20%GAS 25%MUD 55%OIL)

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOTAL FLUID RECOVERY: 600' (480' IN DRILL PIPE, 120' IN DRILL COLLARS)</u>	Insurance
_____	Total

Time Set Packer(s) 6:00 A.M. A.M. P.M. Time Started Off Bottom 9:00 A.M. A.M. P.M. Maximum Temperature 115
 Initial Hydrostatic Pressure (A) 1727 P.S.I.
 Initial Flow Period Minutes 30 (B) 103 P.S.I. to (C) 165 P.S.I.
 Initial Closed In Period Minutes 45 (D) 876 P.S.I.
 Final Flow Period Minutes 45 (E) 194 P.S.I. to (F) 255 P.S.I.
 Final Closed In Period Minutes 60 (G) 881 P.S.I.
 Final Hydrostatic Pressure (H) 1690 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

L D DRILLING INC
Start Test Date: 2011/05/28
Final Test Date: 2011/05/28

COBB #2
Formation: REAGAN SAND
Job Number: D966

COBB #2

