



KANSAS CORPORATION COMMISSION 1048308
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: JIM MUSGROVE
Purchaser: MV PURCHASING, LLC

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD S1OW
- 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 #: _____

<u>04/21/2010</u>	<u>04/26/2010</u>	<u>05/05/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-009-25409-00-00

Spot Description: _____

N2_NW_SW_NW Sec. 6 Twp. 18 S. R. 11 East West
1,610 Feet from North / South Line of Section
330 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Barton

Lease Name: JACK Well #: 1-6

Field Name: DREWS

Producing Formation: LANSING / BASE KANSAS CITY

Elevation: Ground: 1831 Kelly Bushing: 1837

Total Depth: 3485 Plug Back Total Depth: 3467

Amount of Surface Pipe Set and Cemented at: 336 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: 3000 ppm Fluid volume: 480 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: L D DRILLING, INC.

Lease Name: DON License #: 6039

Quarter NE Sec. 12 Twp. 18 S. R. 14 East West

County: BARTON Permit #: D28411

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 Garrison Date: 12/17/2010

Deanna Garrison



1048308

Operator Name: L.D. Drilling, Inc. Lease Name: JACK Well #: 1-6
 Sec. 6 Twp. 18 S. R. 11 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Attached	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Attached Attached Attached
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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	12.25	8.625	24	336	60/40 POZMIX	285	2%Gel,3%CC,1/4#CF
PRODUCTION	7.875	5.5	14	3473	60/40 POZMIX	155	

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
2	3268 - 3275	500 gal 20% HCL NE FE ACID	

TUBING RECORD: Size: <u>2 3/8</u> Set At: <u>3464</u> Packer At: <u>NA</u>		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>05/05/2010</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. <u>8</u>	Gas Mcf	Water Bbls. <u>7</u>
		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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	L.D. Drilling, Inc.
Well Name	JACK 1-6
Doc ID	1048308

All Electric Logs Run

DUAL COMPENSATED POROSITY LOG
DUAL INDUCTION LOG
BOREHOLE COMPENSATED SONIC LOG
MICRORESISTIVITY LOG
SONIC CEMENT BOND LOG

Form	ACO1 - Well Completion
Operator	L.D. Drilling, Inc.
Well Name	JACK 1-6
Doc ID	1048308

Tops

ANHYDRITE	689	+1148
HEEBNER	2951	-1114
TORONTO	2970	-1133
DOUGLAS	2982	-1145
BROWN LIME	3058	-1221
LANSING	3074	-1237
BASE KANSAS CITY	3300	-1463
CONGLOMERATE	3332	-1495
ARBUCKLE	3384	-1547
RTD	3485	-1648
LTD	3485	-1648



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 1711 A

DATE _____ TICKET NO. _____

DATE OF JOB 4-21-10 DISTRICT 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 INC.		LEASE JACK 1-6 WELL NO. 1				
ADDRESS:		COUNTY Barton 6-18-11 STATE KANSAS				
CITY STATE		SERVICE CREW A. Werth, J. Melson, M. McGraw				
AUTHORIZED BY		JOB TYPE: 8 5/8" surface				
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED 4-21-10 DATE AM 1:30 TIME
28443 P.M.	1/2					ARRIVED AT JOB 4-21-10 AM 2:40
19959-20920	1/2					START OPERATION 4-21-10 AM 4:00
19831-19862	1/2					FINISH OPERATION 4-21-10 AM 4:30
						RELEASED 4-21-10 AM 5:00
						MILES FROM STATION TO WELL 65-miles

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
CP103	60/40 Poz		285-SK		\$ 3420.00
CC102	cell FLAKE		72-lb		\$ 266.40
CC109	calcium chloride		738-lb		\$ 774.90
CF153	wooden cement Plug 8 5/8"		1-ea		\$ 160.00
E100	unit mileage charge pickup		65-mi		\$ 276.25
E101	Heavy Equip. Mileage		130-mi		\$ 910.00
E113	Bulk Delivery Charge		800-Tm		\$ 1279.20
CE200	Depth Charge 0" 500		1.4hrs		\$ 1000.00
CE240	Blending + mixing Service Charge		285-SK		\$ 299.00
CE504	Plug container utilization charge		1-Job		\$ 250.00
S003	Service Supervisor first 8hrs. on loc.		1-ea		\$ 175.00

SUB TOTAL

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$

TOTAL

14633.59
DLS

SERVICE REPRESENTATIVE Allen F. Werth	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Scott Platts (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
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FIELD SERVICE ORDER NO.

Customer L.D. Drilling Inc	Lease No.	Date 4-21-10
Lease JACK	Well # 1-6	
Field Order # 17181711A	Station Pratt KS	Casing 8 5/8"
		Depth 336'
Type Job 8 5/8" Surface	Formation CNW	County Barton
		State Ks
		Legal Description 6-18-11

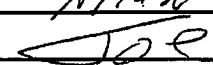
PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 8 5/8"	Tubing Size	Shots/Ft	285	Acid 60/40 P02	RATE 2% gel	PRESS 3% CC	ISIP 1/4" cell flake
Depth 336'	Depth	From	To	Pre Pad @ 14.7#	Max 1.25		5 Min.
Volume 20 bbl	Volume	From	To	Pad	Min		10 Min.
Max Press 300	Max Press	From	To	Frac	Avg		15 Min.
Well Connection P.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 316	Packer Depth	From	To	Flush Disp Fresh water	Gas Volume		Total Load

Customer Representative scotty / Driller	Station Manager scotty	Treater Allen F. Werth
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Service Units 28443	19959	20920	19831	19862				
Driver Names Werth	Joe	Melsum	Mike	McGraw				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
240 PM					on loc. Discuss Safety, Setup Blaw Job
245 PM					out of Hole w/ Bit Rig up
					to Run 8 5/8 csg.
252 PM					start 8 5/8" 24#
338 PM					Casing @ 336' - CIRW/ Rig
400	200#			6	start mit 285SKS 60/40 P02
					2% gel, 3% CC, 1/4" cell flake @ 14.7#
			64		Finish mix cont - Release Plug
423	200#			6	start Disp. CAP. 20 Bbls
430	300#			3	Plug down
					Shut in @ well.
					Release PSI.
					wash up Equip + Rack up.
500#					Job complete.

cont. CIR. To Pit.

Thanks Allen

 M. McGraw

**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 1715 A

DATE _____ TICKET NO. _____

DATE OF JOB 4-27-10	DISTRICT 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 - INC		LEASE JACK		1-6		WELL NO.	
ADDRESS		COUNTY Barton 3-18-11					
CITY		STATE KANS.					
AUTHORIZED BY		SERVICE CREW A. Werth, C. Veach, M. Fleming					
		JOB TYPE: CUW 5 1/2 Logging					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE AM PM TIME
28443	P.U.						4-26-10 1000
27463	Pt					ARRIVED AT JOB	4-27-10 100
19431-19862						START OPERATION	4-27-10 400
						FINISH OPERATION	4-27-10 500
						RELEASED	4-27-10 545
						MILES FROM STATION TO WELL	65 miles

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
CP103	60/40 Por		125-SK		\$ 1500.00
CP103	60/40 Por		30-SK		\$ 360.00
CC111	Salt (FING)		1117-lb		\$ 558.50
CC112	cement Friction Reducer		54-lb		\$ 324.00
CC201	Gilsonite		625-lb		\$ 413.75
CF103	Top Rubber Plug 5 1/2"		1-PA		\$ 105.00
CF251	Guide Shoe Regular 5/8" (Blue)		1-PA		\$ 250.00
CF1451	Flapper Type Insert Float Valve 5/8"		1-PA		\$ 215.00
CF1651	Turbolizer 5 1/2" (Blue)		5-PA		\$ 550.00
C704	CS-1L KCL Sub.		1-gal		\$ 35.00
CC151	mud Flush		500-gal		\$ 430.00
E100	unit milenge charge Pickup		65-mi		\$ 276.25
E101	Heavy equip. milenge		130-mi		\$ 910.00
E113	Bulk Del. Chg.		436-Tm		\$ 696.80
CE204	Depth Charge 3001-4000'		1-4hrs		\$ 2160.00
CE240	Blending & mixing service chg.		155-SK		\$ 217.00
CE304	Plus container utilization chg.		1-506		\$ 250.00
5003	Service Supervisor first 8hrs onloc		1-PA		\$ 175.00
SUB TOTAL					\$ 5470.15
SERVICE & EQUIPMENT				%TAX ON \$	DLS
MATERIALS				%TAX ON \$	
TOTAL					

CHEMICAL / ACID DATA:

SERVICE & EQUIPMENT %TAX ON \$
MATERIALS %TAX ON \$

TOTAL

SERVICE REPRESENTATIVE

Allen T. Werth

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

Daryn Beach

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

BASIC

energy services, L.P.

TREATMENT REPORT

Customer L.D. Drilling, Inc	Lease No.	Date 4-27-10
Lease JACK	Well # 1-6	
Field Order # 17181715A	Station Pratt KS	Casing 5 1/2"
Type Job 5 1/2" L.S.	Formation CNW	Depth 3473
		Legal Description 6-18-11
		City Barton
		State KANS.

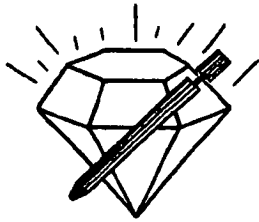
PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size"	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
5 1/2"			20 BBL	2% KCL				
Depth 3473	Depth	From	To 12 BBL	Pre Pad	Max			5 Min.
Volume 84 1/2	Volume	From	To 125 sks	mud Flush	Min			10 Min.
Max Press 1000	Max Press	From	To 30sk	60/40 Poz	Avg			15 Min.
Well Connection P.C.	Annulus Vol.	From	To	60/40 Poz A	vs R.H.			Annulus Pressure
Plug Depth 3473	Packer Depth	From	To	Flush Disp: Fresh water	HPH Used			Total Load
					Gas Volume			

Customer Representative Dave Roach	Station Manager Scotty	Treater Allen F. Werth
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Service Units	28443	27463	19831	19862					
Driver Names	Werth	Roach	Martin	Fleming					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
100 AM					on Loc. Discuss Safety, Setup. Plan Job out of Hole w/ D.P. Rig up to Run csg.
150					start 4 1/2" csg 14# S.S. 15' w/ Reg. Guide Shoe, & Insert F. lly in collar cont 1-3-5-7-9
					TAG Bottom @ 3485
315					set @ 3473 CIR w/ Rig.
400	200 ⁺		20	5	Pump 20 BBL KCL water 2%
			12	5	Pump 12 BBL mud Flush
			3	5	Pump 3 BBL N ² spacer
			6	6	mix + Pump 125 sks 60/40 Poz @ 15.4#
			24		F.W. mix - washout Pump & Line
					Drop Top Rubber Plug: 5 1/2"
				6	start Disp. CAP. 84 1/2 BBLs
	400 ⁺			5	caught Lift w/ 67 BBLs out
	1000		84 1/2	3	Plug down - Release PSI - OK.
430					Plug Rat Hole w/ 30sk 60/40 Poz washup & Ractup Equip.
545					Job complete.

Thanks Allen, Chris, Martin



DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 30046.D732

Company L. D. Drilling, Inc. Lease & Well No. Jack No. 1-6

Elevation 1837 KB Formation Lansing/Kansas City Effective Pay -- Ft. Ticket No. J2527

Date 4-24-10 Sec. 6 Twp. 18S Range 11W County Barton State Kansas

Test Approved By James C. Musgrove Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 3,090 ft. to 3,154 ft. Total Depth 3,154 ft.

Packer Depth 3,085 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,090 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,093 ft. Recorder Number 30046 Cap. 6,000 psi

Bottom Recorder Depth (Outside) 3,151 ft. Recorder Number 11017 Cap. 4,000 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Petromark Drilling, LLC - Rig 2 Drill Collar Length 120 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 65 Weight Pipe Length -- ft. I.D. -- in.

Weight 8.8 Water Loss 7.2 cc. Drill Pipe Length 2,948 ft. I.D. 3 1/2 in.

Chlorides 2,000 P.P.M. Test Tool Length 22 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number Not Run Anchor Length 64 ft. Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Fair, 4 in., blow. No blow back during shut-in.

2nd Open: Fair, 5 in., blow. No blow back during shut-in.

Recovered 120 ft. of drilling mud = .962800 bbls.

Recovered 40 ft. of water = .196800 bbls. (Chlorides: 70,000 Ppm)

Recovered 160 ft. of TOTAL FLUID = 1.159600 bbls.

Recovered ft. of

Recovered ft. of

Remarks

Time Set Packer(s) 7:40 AM P.M. Time Started Off Bottom 10:10 AM P.M. Maximum Temperature 102°

Initial Hydrostatic Pressure (A) 1491 P.S.I.

Initial Flow Period Minutes 30 (B) 28 P.S.I. to (C) 72 P.S.I.

Initial Closed In Period Minutes 30 (D) 962 P.S.I.

Final Flow Period Minutes 45 (E) 79 P.S.I. to (F) 101 P.S.I.

Final Closed In Period Minutes 45 (G) 928 P.S.I.

Final Hydrostatic Pressure (H) 1465 P.S.I.

GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact:

Phone: Fax: e-mail:

Well Information:

Name: JACK 1-6

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S6/18S/11W BARTON

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JIM MUSGROVE

Test Type: CONVENTIONAL Job Number: D732

Test Unit:

Start Date: 2010/04/24 Start Time: 18:30:00

End Date: 2010/04/24 End Time: 23:45:00

Report Date: 2010/04/24 Prepared By: JOHN RIEDL

Qualified By: JIM MUSGROVE

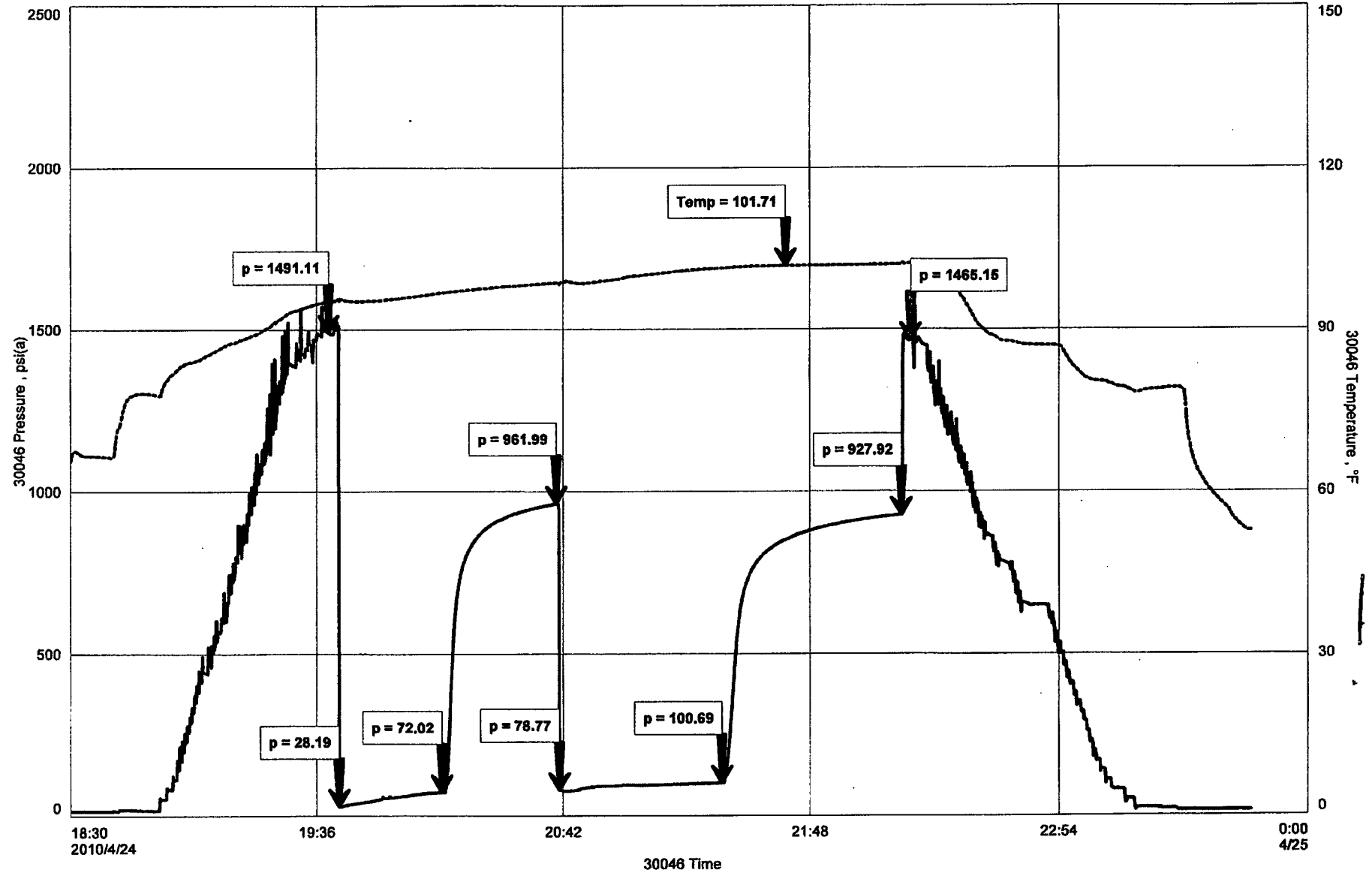
Remarks:

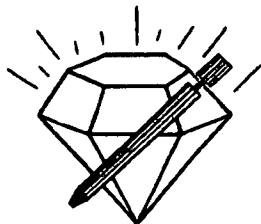
RECOVERY: 120' DRILLING MUD
40' WATER

L D DRILLING INC
Start Test Date: 2010/04/24
Final Test Date: 2010/04/24

JACK 1-6

JACK 1-6
Formation: LKC
Job Number: D732





DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 30046.D733

Company L. D. Drilling, Inc. Lease & Well No. Jack No. 1-6

Elevation 1837 KB Formation Lansing/Kansas City "H" - "J" Effective Pay -- Ft. Ticket No. J2528

Date 4-25-10 Sec. 6 Twp. 18S Range 11W County Barton State Kansas

Test Approved By James C. Musgrove Diamond Representative John C. Riedl

Formation Test No. 2 Interval Tested from 3,218 ft. to 3,296 ft. Total Depth 3,296 ft.

Packer Depth 3,213 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,218 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,221 ft. Recorder Number 30046 Cap. 6,000 psi

Bottom Recorder Depth (Outside) 3,293 ft. Recorder Number 11017 Cap. 4,000 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Petromark Drilling, LLC - Rig 2 Drill Collar Length 120 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 60 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.0 Water Loss 7.2 cc. Drill Pipe Length 3,076 ft. I.D. 3 1/2 in.

Chlorides 3,000 P.P.M. Test Tool Length 22 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number Not Run Anchor Length 78 ft. Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Good, 8 in., blow. Weak blow back during shut-in.

2nd Open: Strong blow. Off bottom of bucket in 35 mins. No blow back during shut-in.

Recovered 60 ft. of gas in pipe

Recovered 130 ft. of gas & oil cut mud = 1.291300 bbls. (Grind out: 10%-gas; 40%-oil; 50%-mud)

Recovered 60 ft. of slightly oil cut watery mud = .295200 bbls. (Grind out: 5%-oil; 40%-water; 55%-mud)

Recovered 190 ft. of TOTAL FLUID = 1.586500 bbls. Chlorides: 10,000 Ppm

Recovered ft. of

Remarks

Time Set Packer(s) 2:05 ^{XXI.} P.M. Time Started Off Bottom 5:05 ^{XXI.} P.M. Maximum Temperature 103°

Initial Hydrostatic Pressure (A) 1558 P.S.I.

Initial Flow Period Minutes 30 (B) 29 P.S.I. to (C) 83 P.S.I.

Initial Closed In Period Minutes 45 (D) 1049 P.S.I.

Final Flow Period Minutes 45 (E) 87 P.S.I. to (F) 110 P.S.I.

Final Closed In Period Minutes 60 (G) 1025 P.S.I.

Final Hydrostatic Pressure (H) 1530 P.S.I.

GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: JIM MUSGROVE

Phone: Fax: e-mail:

Well Information:

Name: JACK 1-6

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S6/18S/11W BARTON

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JIM MUSGROVE

Test Type: CONVENTIONAL Job Number: D733

Test Unit:

Start Date: 2010/04/25 Start Time: 13:10:00

End Date: 2010/04/25 End Time: 18:30:00

Report Date: 2010/04/25 Prepared By: JOHN RIEDL

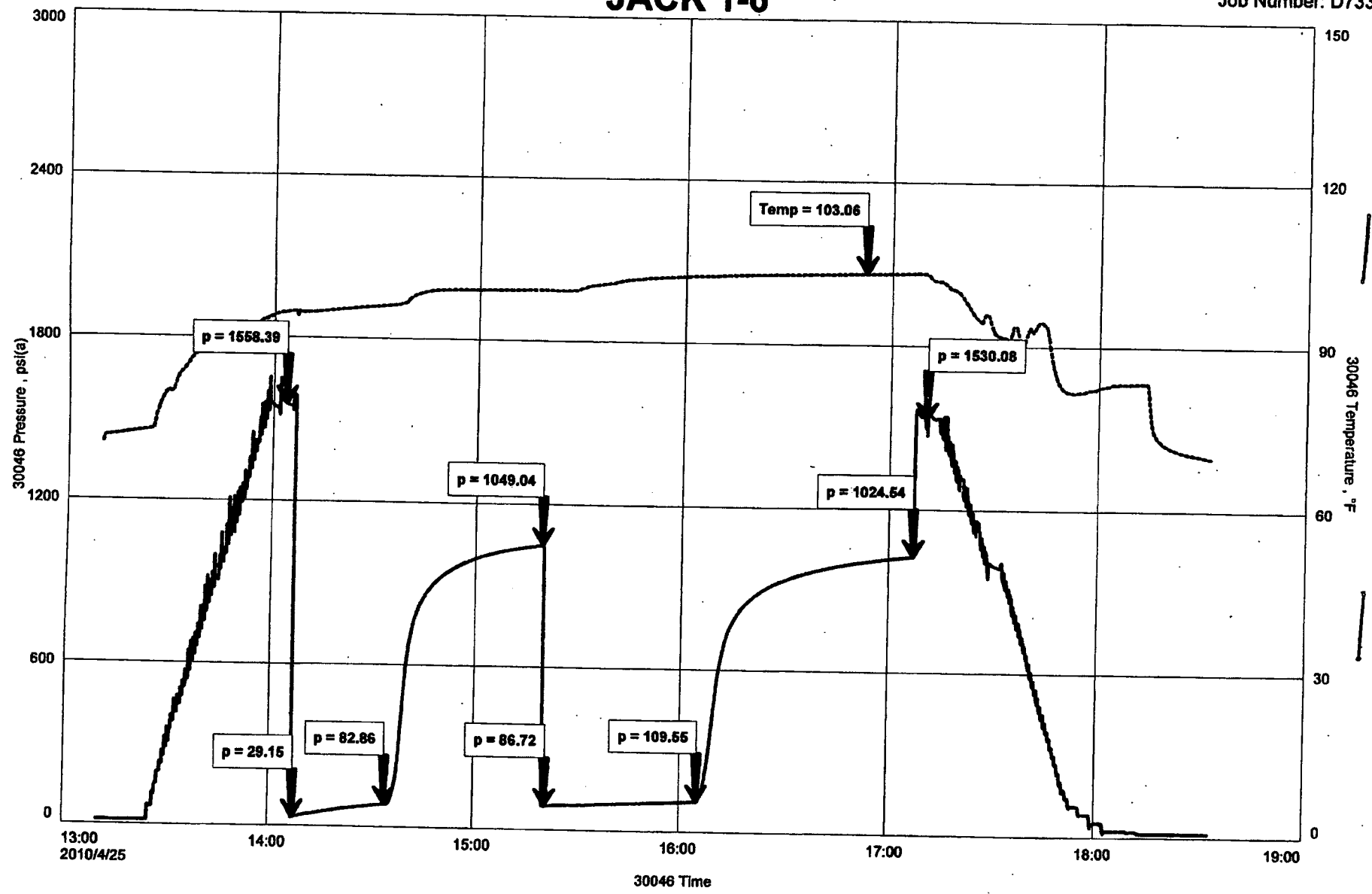
Remarks: Qualified By: JIM MUSGROVE

REC: 60' GAS IN PIPE, 130' HEAVY OIL CUT MUD, 60' SLIGHTLY OIL CUT WATER CUT MUD

L D DRILLING INC
Start Test Date: 2010/04/25
Final Test Date: 2010/04/25

JACK 1-6

JACK 1-6
Formation: LKC "H,I,J"
Job Number: D733





James C. Musgrove
Petroleum Geologist

Office (20) 588-4250 212 Main St. • P.O. Box 215 • Claflin, KS 67525 Home (620) 587-3444

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY LD Drilling Inc.

WELL CASE Jack #1-6

FIELD Drews

LOCATION 1/2 NW-SW-NW (1610' FWL) (230' FWL)

SEC 6 TWP 18^s RGE 11^w

COUNTY Barton STATE Kansas

CONTRACTOR Petromark Drilling (rig # 2)

WELL BUD 4-21-2010 COMP 4-26-2010

WELL ID 3485 LOG ID 3485

WELL ID UP 2600 TYPE MUD Chemical displaced

ELEVATIONS

KB 1837

DF _____

GL 1832

Measurements Are All From -KB-

CASING SURFACE 8 1/2" 341
PRODUCTION _____

ELECTRICAL SURVEYS By DEL, CNL/COJ, WJG/Tech BHCS & MEL

SAMPLES SAVED FROM 2700 TO _____

DRILLING TIME KEPT FROM 2700 TO R.T.D

SAMPLES EXAMINED FROM 2700 TO _____

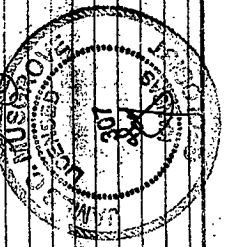
GEOLOGICAL SUPERVISION FROM 2850 TO _____

GEOLOGIST ON WELL Jim Musgrove

FORMATION TOPS	LOG	SAMPLES
anhydrite	689 - 7178	
gypsum	2951 - 1114	
quartzite	2970 - 1133	
limestone	2982 - 1145	
ironstone	3058 - 1221	
limestone	3074 - 1237	
base, Kansas City	3300 - 1463	

5 1/2" Production casing was set and cemented, and the following zones should be perforated in the Jack #1

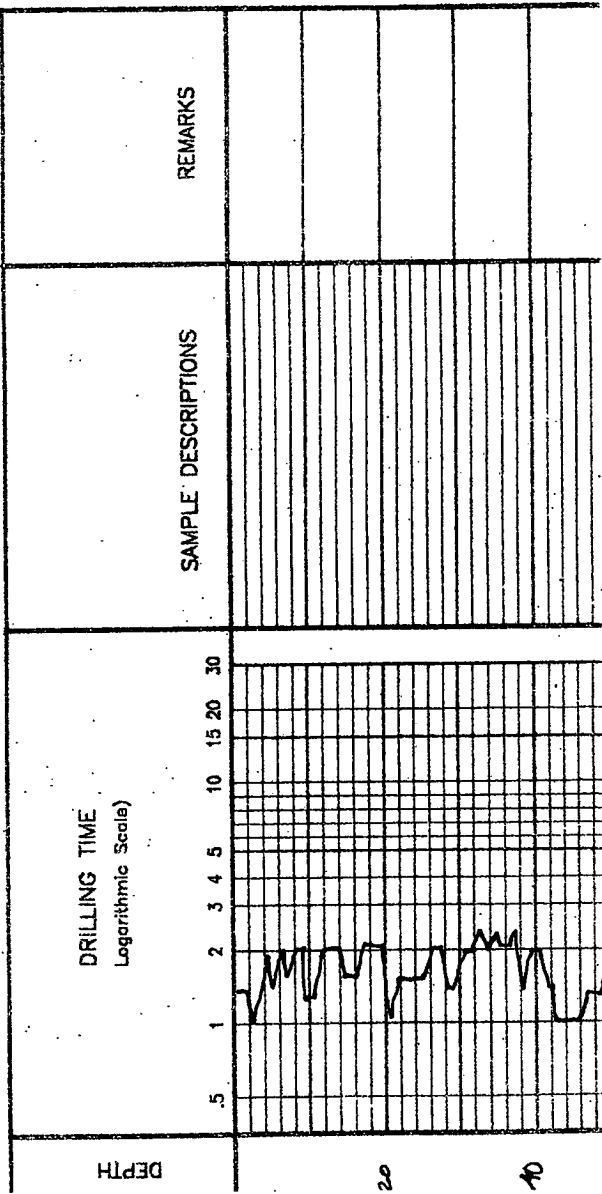
1) Lansing 2268-2276 Perforate
2) Lansing 3103-3108 "



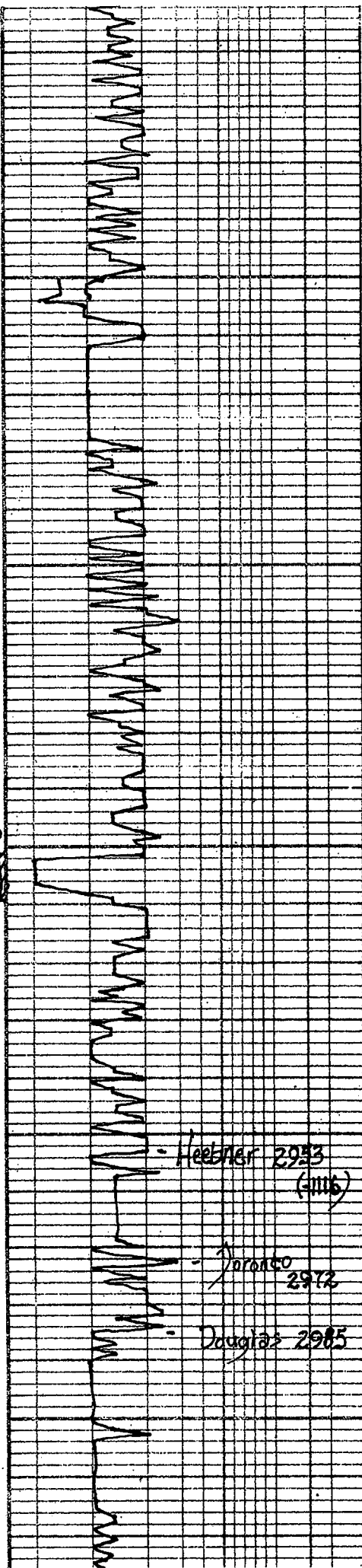
Respectfully Submitted
James C. Musgrove
Petroleum Geologist

LEGEND

- Anhydrite
- Salt
- Sandstone
- Shale
- Carb sh
- Limestone
- Dol. Lime
- Chert
- Dolomite



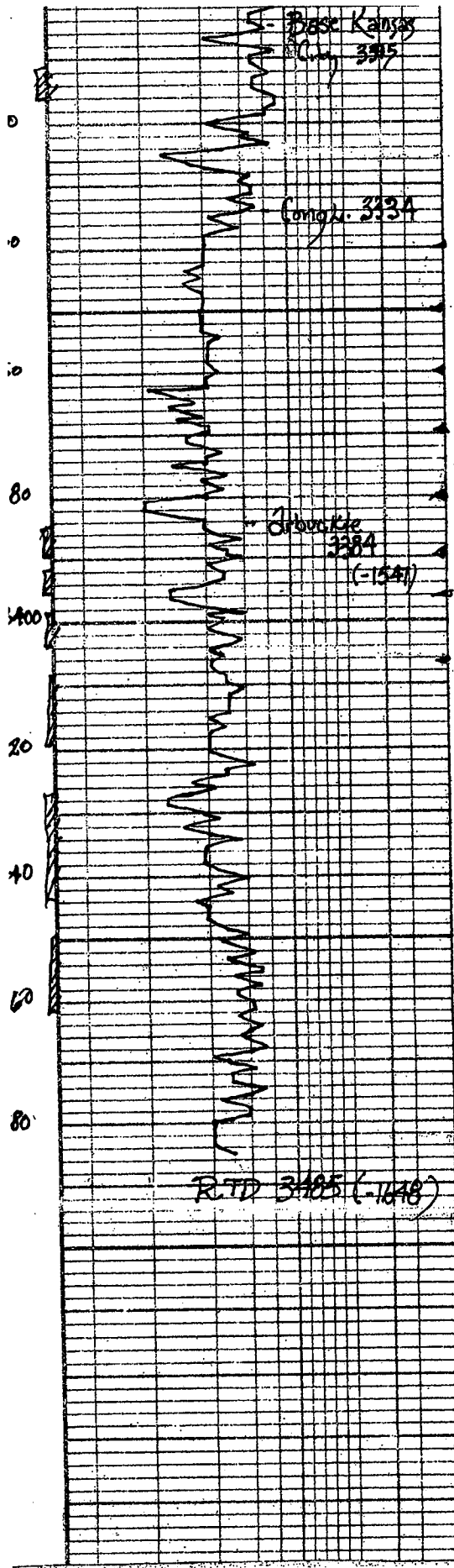
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~ grey / greyish green sh.
~ wh / grey / grey, chunky
~ wh / grey, fossiliferous, chunky
~ grey / grey, dense
~ wh / grey, fossiliferous, chunky
~ L.S., tan, fossiliferous, slightly green, fine scale, no odor
~ grey / grey, chunky, poor vis
~ grey / green sh.
~ grey, fossiliferous, chunky, poor vis
~ grey / greenish grey soft mica. sh.
~
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-1837 KB-

- Hebert 2953 (1116)
- Toranzo 2972
- Douglas 2985



gray/blue sh.	
15' wh/gray fine med. x. l. clay orange A?	
gray/gray sh.	
16' sh. 1/2 wh/med. bank 13' wh/gray/chrk. g. f. sh.	
aa	(-1513)
10' sh.	(-1523)
wh/gray/brown opaque A 1/2 wh/chrk. sandy; sh.	(-1530)
aa.	(-1549)
dol. tan/gray suc. poor vis. g. 1/2 sh. 1/2 wh/chrk. g. f. sh.	(-1553)
dol. gray med. x. l. 5' (ex. l.) 1/2 wh/chrk. sandy; sh.	No show }
2' dol. gray + wh. A	
1/2 dol. gray - wh. fine, slightly dy. poor g.	
aa. sandy; few glass 1/2 sh. 1/2 wh/chrk. g. f. sh.	
1/2 dol. gray wh. med. x. l. (good) 1/2 wh/chrk. sandy; sh. (barren)	
1/2 dol. gray - wh. fine, slightly dy. poor g.	
1/2 dol. gray med. x. l. 5' (ex. l.) (barren)	
1/2 dol. wh/chrk. med. coarse x. l. 1/2 wh/chrk. sandy; sh. (barren)	
1/2 wh/chrk. sandy; sh.	