



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 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 #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report 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 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 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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
---	---

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				

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

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Baird Oil Company LLC
Well Name	Esslinger Ranch, Inc. 4-35
Doc ID	1054035

Tops

Name	Top	Datum
Anhydrite	1982	+322
Base Anhydrite	2012	+292
Topeka	3295	-991
Heebner	3496	-1192
Toronto	3520	-1216
Lansing	3537	-1233
Base Kansas City	3722	-1420
Marmaton	3750	-1446
Precambrian	3767	-1463
Total Depth	3783	-1479

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



phone: 316-337-6200
fax: 316-337-6211
<http://kcc.ks.gov/>

Thomas E. Wright, Chairman
Ward Loyd, Commissioner

Corporation Commission

Sam Brownback, Governor

April 14, 2011

Jim R. Baird
Baird Oil Company LLC
113 W MAIN
PO BOX 428
LOGAN, KS 67646

Re: ACO1
API 15-137-20550-00-00
Esslinger Ranch, Inc. 4-35
NE/4 Sec.35-03S-22W
Norton County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Jim R. Baird

SWIFT



Services, Inc.

P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

DATE	INVOICE #
3/23/2011	19580

BILL TO
Baird Oil Company LLC PO Box 428 Logan, KS 67646

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator	
Net 30	#4-35	Esslinger	Norton	WW Drilling #8	Oil	Development	Surface Pipe	Nick	
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT	
575D	Mileage - 1 Way				80	Miles	5.00	400.00	
576D-S	Pump Charge - Shallow Surface (< 500 Ft.) - 213 Feet				1	Job	750.00	750.00	
290	D-Air				2	Gallon(s)	35.00	70.00T	
325	Standard Cement				160	Sacks	12.00	1,920.00T	
278	Calcium Chloride				5	Sack(s)	35.00	175.00T	
279	Bentonite Gel				3	Sack(s)	25.00	75.00T	
581D	Service Charge Cement				160	Sacks	1.50	240.00	
583D	Drayage				629	Ton Miles	1.00	629.00	
	Subtotal							4,259.00	
	Sales Tax Norton County						7.05%	157.92	
<p>R 3/29/2011</p> <p>P 3/29/2011</p> <p>Esslinger 190402 4416.92</p> <p>Esslinger Ranch Inc 4-35 - Pump Charge, cement + other misc used to cement surface casing</p> <p>3/29/2011 CK#10807</p>									
Thank You For Your Business!							Total	\$4,416.92	



CHARGE TO: **Bald Oil Co**
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET
19580

PAGE 1 OF 1

SERVICE LOCATIONS
 1. **Hays, Ks.**
 2. **Ness City, Ks.**
 3.
 4.

WELL/PROJECT NO. **24-35** LEASE **Esslinger** COUNTY/PARISH **Norton** STATE **Ks** CITY
 TICKET TYPE SERVICE CONTRACTOR **Wow #8** RIG NAME/NO. SHIPPED VIA **WV** DELIVERED TO **Location**
 SALES WELL TYPE **o'1** WELL CATEGORY **Development** JOB PURPOSE **Surface Pipe** WELL PERMIT NO.
 REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.			UNIT PRICE	AMOUNT
		LOC	ACCT	DF		QTY.	UM	QTY.		
575		1			MILEAGE #111	80	mi		5.00	400.00
576S		1			Pump Charge (Shallow Surf.)	1	pa	213'	750.00	750.00
290		1			D-Air	2	gal		35.00	70.00
325		2			Standard Cmt	160	shs		12.00	1920.00
278		2			Calcium Chloride	5	shs	3 1/2	35.00	175.00
979		2			Boatrite gel	3	shs	2 1/2	25.00	75.00
581		2			Concat Service Charge	160	shs		1.50	240.00
583		2			Drayage	629	TM		1.00	629.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY**, and **LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED **3-23-11** TIME SIGNED **1545** A.M. P.M.

REMIT PAYMENT TO:
SWIFT SERVICES, INC.
P.O. BOX 466
NESS CITY, KS 67560
785-798-2300

SURVEY
 OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?
 WE UNDERSTOOD AND MET YOUR NEEDS?
 OUR SERVICE WAS PERFORMED WITHOUT DELAY?
 WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?
 ARE YOU SATISFIED WITH OUR SERVICE? YES NO

PAGE TOTAL **4259.00**
 TOTAL **4416.98**

SWIFT OPERATOR **APPROVAL** *[Signature]* CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

Thank You

JOB LOG

SWIFT Services, Inc.

CUSTOMER <i>Burd Oil Co.</i>	WELL NO. <i>#4-35</i>	LEASE <i>Esslinger</i>	JOB TYPE <i>Surface Pipe</i>	TICKET NO. <i>19580</i>
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	

1315 on loc setup Trks

8 7/8" x 24 # x 220'

St. Surface Pipe Circulate

1515	5	0				100	Start Cement
1523	5	3910				100	End Cement / Start Displacement
1525		12				100	Cement Displaced to 200'
						75	Shut in

circ 50 sks to pit

*Thank you
Nick, Josh P. & John*



P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

DATE	INVOICE #
3/31/2011	19589

BILL TO
Baird Oil Company LLC PO Box 428 Logan, KS 67646

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#4-35	Esslinger	Norton	WW Drilling #8	Oil	Development	LongString	Nick
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				80	Miles	5.00	400.00
578D-L	Pump Charge - Long String - 3782 Feet				1	Job	1,400.00	1,400.00
221	Liquid KCL (Clayfix)				2	Gallon(s)	25.00	50.00T
280	Flocheck 21				500	Gallon(s)	2.50	1,250.00T
402-5	5 1/2" Centralizer				11	Each	65.00	715.00T
403-5	5 1/2" Cement Basket				1	Each	230.00	230.00T
404-5	5 1/2" Port Collar				1	Each	2,100.00	2,100.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	225.00	225.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	300.00	300.00T
411-5	5 1/2" Recipo Scratcher				30	Each	45.00	1,350.00T
325	Standard Cement				200	Sacks	12.00	2,400.00T
326	60/40 Pozmix (2% Gel)				40	Sacks	9.50	380.00T
276	Flocele				50	Lb(s)	1.50	75.00T
277	Gilsonite (Coal Seal)				400	Lb(s)	0.60	240.00T
283	Salt				1,550	Lb(s)	0.15	232.50T
285	CFR-1				100	Lb(s)	4.00	400.00T
581D	Service Charge Cement				240	Sacks	1.50	360.00
583D	Drayage				836	Ton Miles	1.00	836.00
	Subtotal							12,943.50
	Sales Tax Norton County						7.05%	701.30
<p>R 4/4/2011 P 4/4/2011 Esslinger 190402 13644.80 Esslinger Ranch Inc 4-35 - Pump Charge, cement & other misc expenses used to cement production casing</p>								
We Appreciate Your Business!							Total	\$13,644.80



CHARGE TO: Baird O. I Co
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET
19589

PAGE 1 OF 2

SERVICE LOCATIONS: 1. Hays, KS
 2. Ness City, KS
 3. Wess City, KS
 4. REFERRAL LOCATION

WEL/PROJECT NO. #4-35 LEASE Esslinger COUNTY/PARISH Norton STATE KS CITY CH location DATE 3-31-11 OWNER Same
 TICKET TYPE SERVICE CONTRACTOR W W #8 RIG NAME/NO. W W #8 SHIPPED VIA CH location ORDER NO.
 WELL TYPE oil WELL CATEGORY Development JOB PURPOSE longstring WELL PERMIT NO. WELL LOCATION

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	MILEAGE	QTY.			UNT PRICE	AMOUNT
		LOC	ACCT			UM	QTY.	UM		
575					#111	80	mi		5.00	400.00
578				Pump Charge Longstring		1	ea	3782	1400.00	1400.00
221				KCL		2	gal		25.00	50.00
280				Flochek-21		500	gal		2.50	1250.00
402				Centralizers		1	ea	5 1/2	65.00	715.00
403				Baskets		1	ea		230.00	230.00
404				Soft Collar		1	ea		2100.00	2100.00
406				L.D. Plug & Baffle		1	ea		225.00	225.00
407				Insert Float Shoe w/ fill		1	ea		300.00	300.00
411				Recipo Scratchers		30	ea		45.00	1350.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY**, and **LIMITED WARRANTY** provisions.
 MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS
 X
 DATE SIGNED 3-31-11 TIME SIGNED Noon AM PM

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY
 OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? YES NO
 WE UNDERSTOOD AND MET YOUR NEEDS? YES NO
 OUR SERVICE WAS PERFORMED WITH/OUT DELAY? YES NO
 WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? YES NO
 ARE YOU SATISFIED WITH OUR SERVICE? YES NO
 CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL	AMOUNT
1	8020.00
2	4923.50
Subtotal	12943.50
Norton Tax 7.05%	701.30
TOTAL	13,644.80

SWIFT OPERATOR: Mark Furke APPROVAL: Richard Well
 CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 Thank You.



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 19589

CUSTOMER *Baird Oil Co* WEL #4-35 Esslinger DATE 3-31-11 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WEL		DATE		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF			QTY.	UM	QTY.	UM			
325		2				Standard Cement	200	SKS	12	00	2400	00	
326		2				60% Pozmix 2% gel	40	SKS	9	50	380	00	
276		2				Flocele	50	#	1	50	75	00	
277		2				Coal Seal	400	#	60		240	00	
283		2				Salt	1530	#	15		232	50	
285		2				CFR-1	100	#	4	00	400	00	
581		2				SERVICE CHARGE			1	50	360	00	
583		2				MILEAGE CHARGE	20900	TOTAL WEIGHT	1	00	836	00	
						LOADED MILES	88	TON MILES					
						CUBIC FEET							
CONTINUATION TOTAL												4923	50

JOB LOG

SWIFT Services, Inc.

DATE 7-31-11 PAGE NO. 1

CUSTOMER Baird Oil Co WELL NO. #4-35 LEASE Esslinger JOB TYPE Longstring TICKET NO. 19588

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0545							on loc w/ FE
								RTD 3782'
								5 1/2" x 14# x 3786' x 44'
								Cent, 1-10, 39
								Back, 40
								P.C. 40 @ 2005'
	0830							Start FE,
	1000							Break Circ.
	1100	2.5	7					Plug RH
	1105	4	0			100		Start KCL
		4	10/0			100		Start Flocheck-21
		4	12/0			100		Start KCL
	1115	5	10/0			150		Start Cement
	1125		45					End Cement
								Wash P/L
								Drop L.D. Plug
	1130	6	0			100		Start Displacement
	1140	5	60			200		Catch Cement
	1145		91			800 1400		Land Plug
								Release Pressure
								Float Held

Thank you

Nick, Josh F, & David E.



P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

DATE	INVOICE #
4/1/2011	19590

BILL TO
Baird Oil Company LLC PO Box 428 Logan, KS 67646

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#4-35	Esslinger	Norton	Bach Well Service	Oil	Development	Port Collar	Nick
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				80	Miles	5.00	400.00
576D-D	Pump Charge - Port Collar				1	Job	1,100.00	1,100.00
290	D-Air				2	Gallon(s)	35.00	70.00T
100	Mileage - Tool Man				80	Miles	2.00	160.00
105	Port Collar Tool Rental With Man				1	Each	300.00	300.00T
330	Swift Multi-Density Standard (MIDCON II)				225	Sacks	15.00	3,375.00T
276	Flocele				50	Lb(s)	1.50	75.00T
581D	Service Charge Cement				225	Sacks	1.50	337.50
583D	Drayage				880	Ton Miles	1.00	880.00
	Subtotal							6,697.50
	Sales Tax Norton County						7.05%	269.31
	<p style="text-align: center;">R4/6/2011 P4/6/2011</p> <p>Esslinge 190402 6485.66 Esslinger Ranch Inc 4-35 - Pump charge, cement + other misc expenses used to cement port collar</p> <p>Esslinge 190402 481.15 Esslinger Ranch Inc 4-35 - Rental of port collar + man when cementing port collar</p>							
We Appreciate Your Business!							Total	\$6,966.81



CHARGE TO: Baird Oil Co.
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET
 19590

PAGE 1 OF 1

SERVICE LOCATIONS
 1. Hays, KS WELL/PROJECT NO. 4-35 LEASE Esslinger COUNTY/PARISH Norton STATE Ks DATE 4-1-11 OWNER Same
 2. TICKET TYPE SERVICE CONTRACTOR Bach Well Service RIG NAME NO. CH ORDER NO.
 3. SALES WELL TYPE oil WELL CATEGORY Development JOB PURPOSE Per Cellar DELIVERED TO Acetates WELL PERMIT NO.
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	LOC	ACCOUNTING		DESCRIPTION	MILEAGE	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
			ACCT	DF								
575		1				80 mi'					5.00	400.00
576D		1			Pump Charge (Per Cellar)	1 cu					1100.00	1100.00
290		1			D-Air	2 gal					35.00	70.00
100		1			Tool man	80 mi'					2.00	160.00
105		1			Per Cellar Tool Rental man	1 cu					300.00	300.00
330		2			SMD cement	225 sks					15.00	3375.00
276		2			Floecole	50 lb					1.50	75.00
581		2			Cement Service Charge	225 sks					1.50	337.50
583		2			Drayage	880 TM					1.00	880.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY**, and **LIMITED WARRANTY** provisions.
 MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS
 X John Hambrick DATE SIGNED 4-1-11 TIME SIGNED 1510 AM PM

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?

WE UNDERSTOOD AND MET YOUR NEEDS?

OUR SERVICE WAS PERFORMED WITHOUT DELAY?

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?

ARE YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL	6697.50
TOTAL	6966.80

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 SWIFT OPERATOR Nick Forke APPROVAL

Thank You

JOB LOG

SWIFT Services, Inc.

DATE 4-1-11 PAGE NO. 1

CUSTOMER Baird Oil Co WELL NO. # 4-35 LEASE Esslinger JOB TYPE Port Collar TICKET NO. 19590

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1210							on log w/ Tool
								2 3/8" x 5 1/2"
								P.C. 2005'
	1245							T.H. w/ P.C. Tool
								Locate P.C. @ 2003'
	1355							Test Csg
								Open P.C.
	1400	3.5					300	Take inj. rate
	1404	4	0				350	Start Cement
	1431	4	107				500	Circulate Cement/raise weight
	1433	4	115/0				500	End Cement/start Displacement
	1435		7					Cement Displaced
								Close P.C.
	1440						1000	Test Csg
								Run 4 jts
	1455	3	0					Reverse out
	1500		13					Hole Clean
								225 sks SMD
								circ 20 sks to pit
								Thank you
								Nick, Sash F, & John

Company	Baird Oil Company, Inc.	Lease Name	Esslinger Ranch	
Address	P. O. Box 428	Lease #	4-35	
CSZ	Logan, KS 67646	Legal Desc	SE SE SW NE	Job Ticket 3419
Attn.	Richard Bell	Section	35	Range 22W
		Township	3S	
		County	Norton	State KS
		Drilling Cont	WW Drilling #8	
Comments	Field: Wildcat			

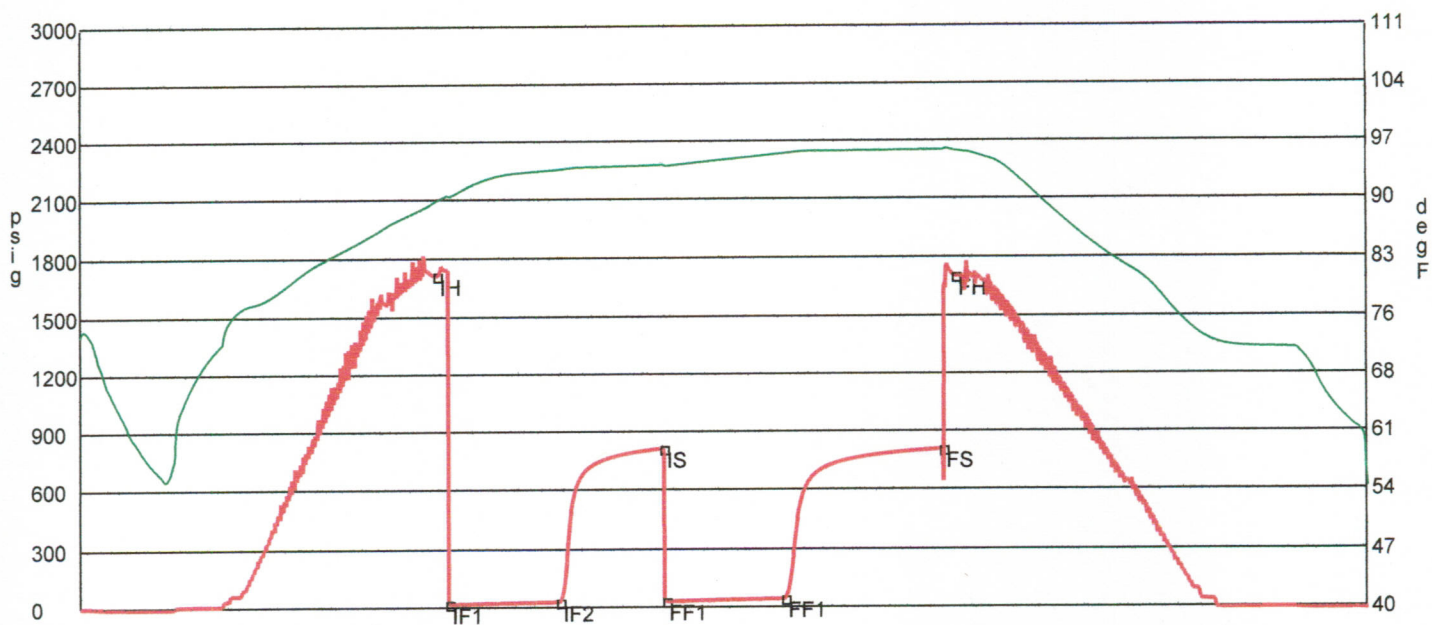
GENERAL INFORMATION

Test # 1	Test Date	3/26/2011	Chokes	3/4	Hole Size	7 7/8
Tester	Jimmy Ricketts		Top Recorder #	11027		
Test Type	Conventional Bottom Hole		Mid Recorder #			
	Successful Test		Bott Recorder #	w1023		
# of Packers	2.0	Packer Size	6 3/4	Mileage	240	Approved By
Mud Type	Gel Chem			Standby Time	0	
Mud Weight	9.1	Viscosity	64.0	Extra Equipmnt	None	
Filtrate	6.8	Chlorides	1300	Time on Site	3:20 PM	
				Tool Picked Up	5:00 PM	
				Tool Layed Dwn	10:20 PM	
Drill Collar Len	123.0			Elevation	2299.00	Kelley Bushings 2304.00
Wght Pipe Len	0					
Formation	Lansing A			Start Date/Time	3/26/2011 4:47 PM	
Interval Top	3528.0	Bottom	3550.0	End Date/Time	3/26/2011 10:48 PM	
Anchor Len Below	22.0	Between	0			
Total Depth	3550.0					
Blow Type	Weak blow building to 1 1/2 inches initial flow period. Weak blow building to 1 1/2 inches final flow period. Times: 31, 30, 33, 45. API gravity was 32. .30 barrel recovery during test.					

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
25	Clean oil	0% 0ft	100% 25ft	0% 0ft	0% 0ft
40	Oil and heavy water cut mud	0% 0ft	4% 1.6ft	25% 10ft	71% 28.4ft

DST Fluids **41000**



	Date	Time	Pressure	Temp	
IH	3/26/2011 6:26:40 PM	1.661111	1713.026	89.558	Initial Hydro-static
IF1	3/26/2011 6:30:00 PM	1.716667	16.778	90.05	Initial Flow (1)
IF2	3/26/2011 7:01:10 PM	2.236111	27.284	93.323	Initial Flow (2)
IS	3/26/2011 7:30:20 PM	2.722222	811.229	93.854	Initial Shut-In
FF1	3/26/2011 7:31:00 PM	2.733333	30.73	93.762	Final Flow (1)
FF1	3/26/2011 8:04:30 PM	3.291667	42.854	95.252	Final Flow (1)
FS	3/26/2011 8:49:00 PM	4.033333	806.389	95.648	Final Shut-In
FH	3/26/2011 8:52:30 PM	4.091667	1702.231	95.562	Final Hydro-static

GAS FLOWS

Min Into IFP Min Into FFP Gas Flows Pressure Choke

Company **Baird Oil Company, Inc.**
 Address **P. O. Box 428**
 CSZ **Logan, KS 67646**
 Attn. **Richard Bell**

Lease Name **Esslinger Ranch**
 Lease # **4-35**
 Legal Desc **SE SE SW NE**
 Section **35**
 Township **3S**
 County **Norton**
 Drilling Cont **WW Drilling #8**

Job Ticket **3419**
 Range **22W**
 State **KS**

Comments **Field: Wildcat**

GENERAL INFORMATION

Test # **2** Test Date **3/27/2011**
 Tester **Jimmy Ricketts**
 Test Type **Conventional Bottom Hole**
Successful Test

of Packers **2.0** Packer Size **6 3/4**

Mud Type **Gel Chem**
 Mud Weight **9.1** Viscosity **64.0**
 Filtrate **6.8** Chlorides **1300**

Drill Collar Len **123.0**
 Wght Pipe Len **0**

Formation **Lansing C**
 Interval Top **3554.0** Bottom **3575.0**
 Anchor Len Below **21.0** Between **0**
 Total Depth **3575.0**

Blow Type **Weak blow building to strong blow 6 minutes into initial flow period. 8 inch blow back during initial shut-in period. Weak blow building to strong blow 12 minutes into final flow period. 9 inch blow back during final shut-in period. Times: 30, 45, 30, 48. API gravity was 35. 4.8 barrels recovery during test.**

Chokes **3/4** Hole Size **7 7/8**
 Top Recorder # **11027**
 Mid Recorder #
 Bott Recorder # **w1023**

Mileage **0** Approved By
 Standby Time **0**
 Extra Equipmnt **None**
 Time on Site **5:00 AM**
 Tool Picked Up **6:10 AM**
 Tool Layed Dwn **12:20 PM**

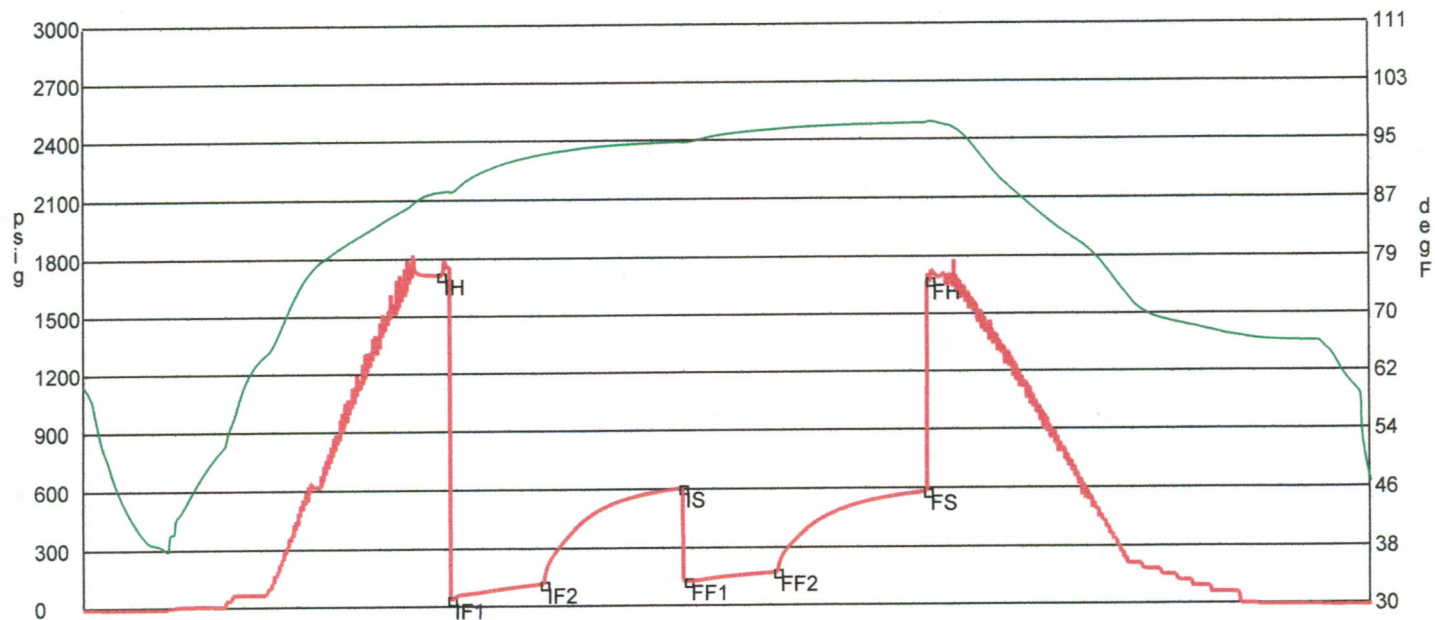
Elevation **2299.00** Kelley Bushings **2304.00**

Start Date/Time **3/27/2011 5:50 AM**
 End Date/Time **3/27/2011 12:42 PM**

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
360	Clean oil	0% 0ft	100% 360ft	0% 0ft	0% 0ft
65	Gassy heavy oil cut mud	19% 12.4ft	36% 23.4ft	0% 0ft	45% 29.2ft

DST Fluids **0**



	Date	Time	Pressure	Temp	
IH	3/27/2011 7:44:00 AM	1.9	1713.032	87.783	Initial Hydro-static
IF1	3/27/2011 7:47:10 AM	1.952778	35.428	87.853	Initial Flow (1)
IF2	3/27/2011 8:16:50 AM	2.447222	114.118	92.93	Initial Flow (2)
IS	3/27/2011 9:01:20 AM	3.188889	603.936	94.556	Initial Shut-In
FF1	3/27/2011 9:03:00 AM	3.216667	125.296	94.509	Final Flow (1)
FF2	3/27/2011 9:31:40 AM	3.694444	170.507	96.266	Final Flow (2)
FS	3/27/2011 10:19:50 AM	4.497222	581.099	97.04	Final Shut-In
FH	3/27/2011 10:20:40 AM	4.511111	1673.38	97.211	Final Hydro-static

GAS FLOWS

Min Into IFP Min Into FFP Gas Flows Pressure Choke

Company **Baird Oil Company, Inc.**
 Address **P. O. Box 428**
 CSZ **Logan, KS 67646**
 Attn. **Richard Bell**

Lease Name **Esslinger Ranch**
 Lease # **4-35**
 Legal Desc **SE SE SW NE**
 Section **35**
 Township **3S**
 County **Norton**
 Drilling Cont **WW Drilling #8**

Job Ticket **3419**
 Range **22W**
 State **KS**

Comments **Field: Wildcat**

GENERAL INFORMATION

Test # **3** Test Date **3/27/2011**
 Tester **Jimmy Ricketts**
 Test Type **Conventional Bottom Hole**
Successful Test

of Packers **2.0** Packer Size **6 3/4**

Mud Type **Gel Chem**
 Mud Weight **9.3** Viscosity **65.0**
 Filtrate **6.8** Chlorides **1300**

Drill Collar Len **123.0**
 Wght Pipe Len **0**

Formation **Lansing D**
 Interval Top **3575.0** Bottom **3590.0**
 Anchor Len Below **15.0** Between **0**
 Total Depth **3590.0**

Blow Type **Weak blow building to 1 inch initial flow period. 1/4 inch blow back during initial shut-in period. Weak blow building to 9 inches final flow period. 1 inch blow back during final shut-in period. Times: 30, 45, 30, 47. API gavity was 23. 1.2 barrels recovery during test.**

Chokes **3/4** Hole Size **7 7/8**
 Top Recorder # **11027**
 Mid Recorder #
 Bott Recorder # **w1023**

Mileage **30** Approved By
 Standby Time **0**
 Extra Equipmnt **None**
 Time on Site **5:30 PM**
 Tool Picked Up **6:20 PM**
 Tool Layed Dwn **12:10 AM**

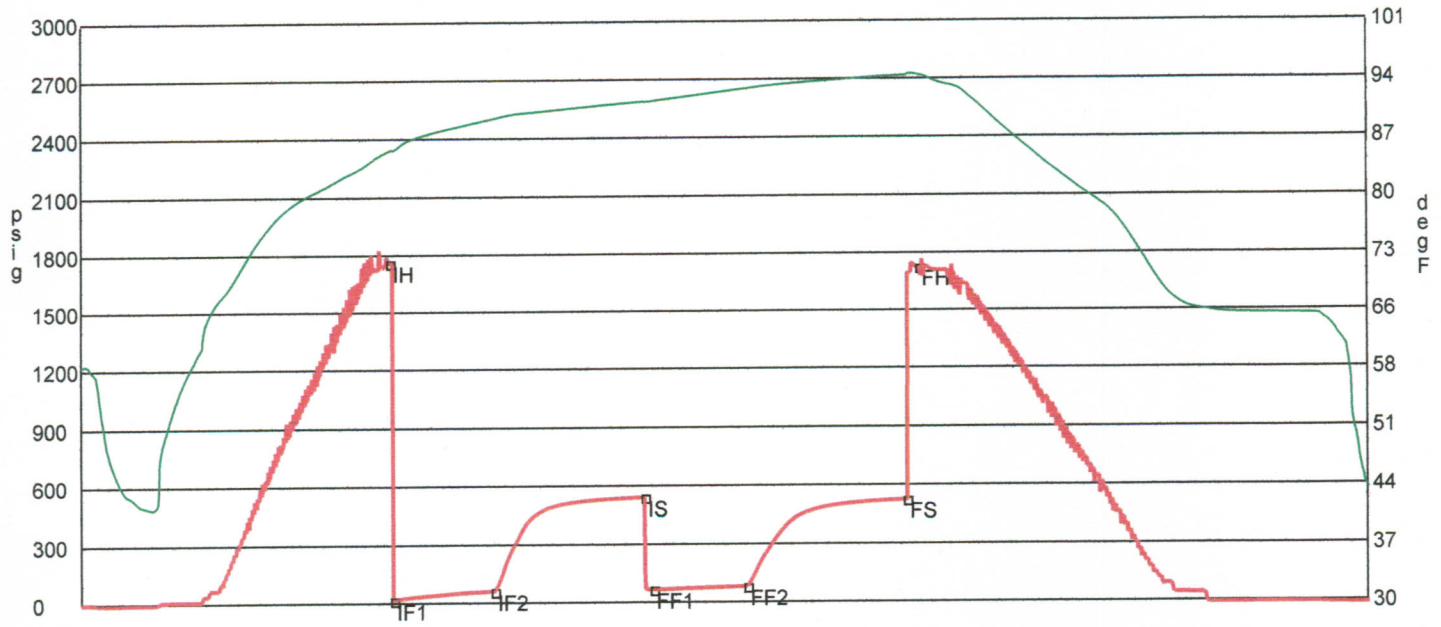
Elevation **2299.00** Kelley Bushings **2304.00**

Start Date/Time **3/27/2011 6:06 PM**
 End Date/Time **3/28/2011 12:25 AM**

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
80	Gas in pipe	100% 80ft	0% 0ft	0% 0ft	0% 0ft
130	Clean oil	0% 0ft	100% 130ft	0% 0ft	0% 0ft
40	Gassy heavy mud cut oil	6% 2.4ft	48% 19.2ft	0% 0ft	46% 18.4ft

DST Fluids **0**



	Date	Time	Pressure	Temp	
IH	3/27/2011 7:36:20 PM	1.505556	1759.754	85.34	Initial Hydro-static
IF1	3/27/2011 7:37:20 PM	1.522222	15.488	85.37	Initial Flow (1)
IF2	3/27/2011 8:07:00 PM	2.016667	59.527	89.195	Initial Flow (2)
IS	3/27/2011 8:51:20 PM	2.755556	538.976	91.213	Initial Shut-In
FF1	3/27/2011 8:53:50 PM	2.797222	65.13	91.267	Final Flow (1)
FF2	3/27/2011 9:21:30 PM	3.258333	80.082	92.752	Final Flow (2)
FS	3/27/2011 10:08:40 PM	4.044444	522.747	94.293	Final Shut-In
FH	3/27/2011 10:12:20 PM	4.105556	1724.619	94.356	Final Hydro-static

GAS FLOWS

Min Into IFP Min Into FFP Gas Flows Pressure Choke

Company **Baird Oil Company, Inc.**
 Address **P. O. Box 428**
 CSZ **Logan, KS 67646**
 Attn. **Richard Bell**

Lease Name **Esslinger Ranch**
 Lease # **4-35**
 Legal Desc **SE SE SW NE**
 Section **35**
 Township **3S**
 County **Norton**
 Drilling Cont **WW Drilling #8**

Job Ticket **3419**
 Range **22W**
 State **KS**

Comments **Field: Wildcat**

GENERAL INFORMATION

Test # **4** Test Date **3/28/2011**
 Tester **Jimmy Ricketts**
 Test Type **Conventional Bottom Hole**
Successful Test

of Packers **2.0** Packer Size **6 3/4**

Mud Type **Gel Chem**
 Mud Weight **9.2** Viscosity **63.0**
 Filtrate **6.4** Chlorides **1300**

Drill Collar Len **123.0**
 Wght Pipe Len **0**

Formation **Lansing F**
 Interval Top **3590.0** Bottom **3610.0**
 Anchor Len Below **20.0** Between **0**
 Total Depth **3610.0**

Blow Type **Weak blow building to 3 inches initial flow period. Weak blow building to 2 inches final flow period. Times: 30, 30, 30, 32. .48 barrel recovery during test.**

Chokes **3/4** Hole Size **7 7/8**
 Top Recorder # **11027**
 Mid Recorder #
 Bott Recorder # **w1023**

Mileage **30** Approved By
 Standby Time **0**
 Extra Equipmnt **None**
 Time on Site **6:30 AM**
 Tool Picked Up **7:45 AM**
 Tool Layed Dwn **1:00 PM**

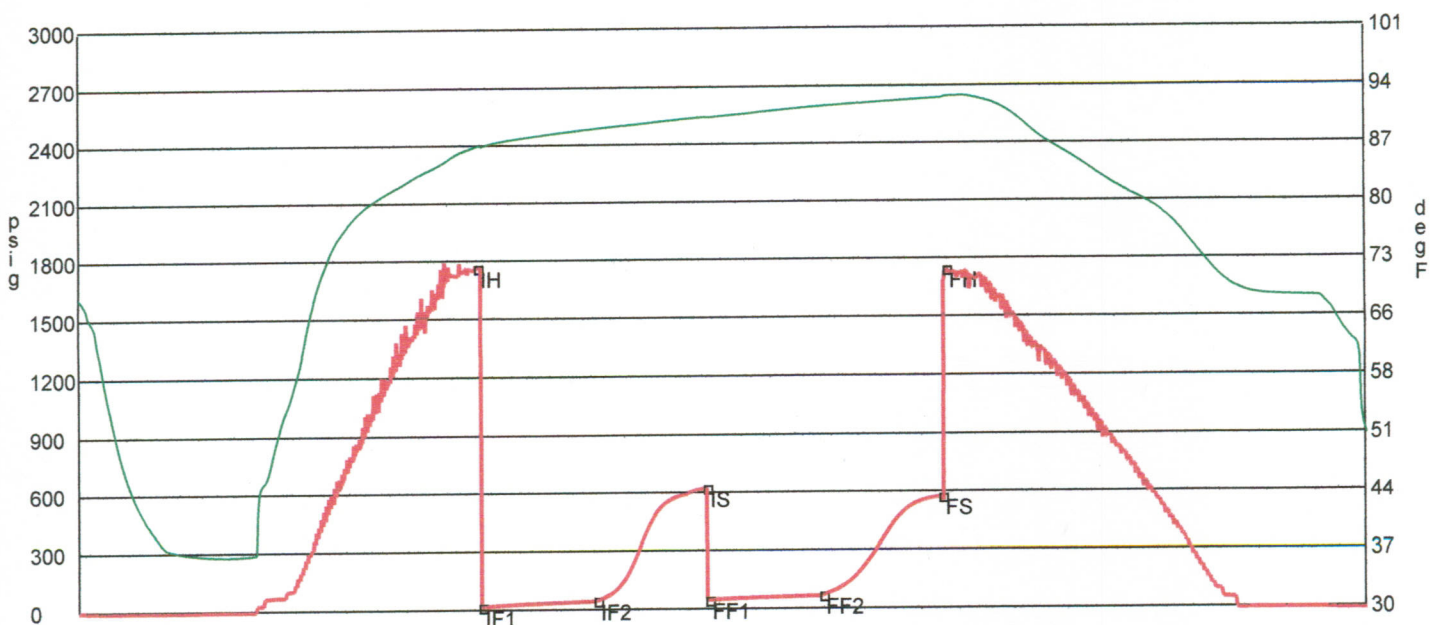
Elevation **2299.00** Kelley Bushings **2304.00**

Start Date/Time **3/28/2011 7:26 AM**
 End Date/Time **3/28/2011 1:06 PM**

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
45	Heavy mud cut oil	0% 0ft	73% 32.8ft	0% 0ft	27% 12.2ft
30	Heavy oil cut mud	0% 0ft	49% 14.7ft	0% 0ft	51% 15.3ft
30	Oil cut mud	0% 0ft	7% 2.1ft	0% 0ft	93% 27.9ft

DST Fluids **0**



	Date	Time	Pressure	Temp	
IH	3/28/2011 9:10:50 AM	1.747222	1762.136	86.682	Initial Hydro-static
IF1	3/28/2011 9:11:50 AM	1.763889	15.192	86.638	Initial Flow (1)
IF2	3/28/2011 9:42:20 AM	2.272222	45.455	88.81	Initial Flow (2)
IS	3/28/2011 10:11:20 AM	2.755556	621.69	90.171	Initial Shut-In
FF1	3/28/2011 10:11:50 AM	2.763889	45.89	90.127	Final Flow (1)
FF2	3/28/2011 10:42:00 AM	3.266667	67.773	91.426	Final Flow (2)
FS	3/28/2011 11:13:40 AM	3.794444	573.234	92.399	Final Shut-In
FH	3/28/2011 11:14:50 AM	3.813889	1742.837	92.585	Final Hydro-static

GAS FLOWS

Min Into IFP Min Into FFP Gas Flows Pressure Choke

Company **Baird Oil Company, Inc.**
 Address **P. O. Box 428**
 CSZ **Logan, KS 67646**
 Attn. **Richard Bell**

Lease Name **Esslinger Ranch**
 Lease # **4-35**
 Legal Desc **SE SE SW NE**
 Section **35**
 Township **3S**
 County **Norton**
 Drilling Cont **WW Drilling #8**

Job Ticket **3419**
 Range **22W**
 State **KS**

Comments **Field: Wildcat**

GENERAL INFORMATION

Test # **5** Test Date **3/28/2011**
 Tester **Jimmy Ricketts**
 Test Type **Conventional Bottom Hole**

Chokes **3/4** Hole Size **7 7/8**
 Top Recorder # **11027**
 Mid Recorder #
 Bott Recorder # **w1023**

of Packers **2.0** Packer Size **6 3/4**

Mileage **30** Approved By

Mud Type **Gel Chem**
 Mud Weight **9.2** Viscosity **63.0**
 Filtrate **6.4** Chlorides **1300**

Extra Equipmnt **None**
 Time on Site **7:00 PM**
 Tool Picked Up **8:00 PM**
 Tool Layed Dwn **1:30 AM**

Drill Collar Len **123.0**
 Wght Pipe Len **0**

Elevation **2299.00** Kelley Bushings **2304.00**

Formation **Lansing G**
 Interval Top **3610.0** Bottom **3622.0**
 Anchor Len Below **12.0** Between **0**
 Total Depth **3622.0**

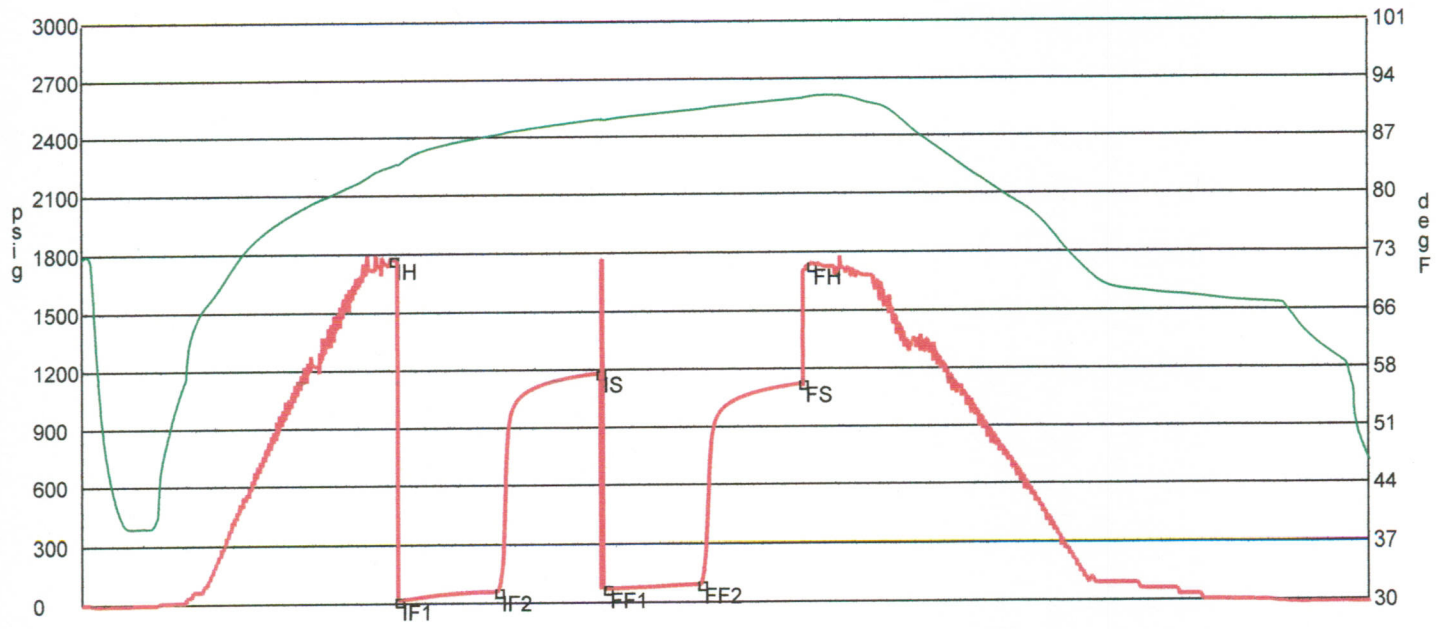
Start Date/Time **3/28/2011 7:45 PM**
 End Date/Time **3/29/2011 2:06 AM**

Blow Type **Weak blow building to strong blow 18 minutes into initial flow period. 1 1/2 inch blow back during initial shut-in period. Weak blow building to strong blow 24 minutes into final flow period. 2 inch blow back during final shut-in period. Times: 30, 30, 30, 30. API gravity was 30. 1.9 barrels recovery during test.**

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
180	Clean oil	0% 0ft	100% 180ft	0% 0ft	0% 0ft
40	Heavy mud cut oil	0% 0ft	63% 25.2ft	0% 0ft	37% 14.8ft

DST Fluids **0**



	Date	Time	Pressure	Temp	
IH	3/28/2011 9:16:50 PM	1.530556	1771	83.305	Initial Hydro-static
IF1	3/28/2011 9:18:20 PM	1.555556	14.644	83.481	Initial Flow (1)
IF2	3/28/2011 9:47:50 PM	2.047222	58.727	87.095	Initial Flow (2)
IS	3/28/2011 10:18:10 PM	2.552778	1180.914	88.988	Initial Shut-In
FF1	3/28/2011 10:20:10 PM	2.586111	70.735	88.941	Final Flow (1)
FF2	3/28/2011 10:48:10 PM	3.052778	91.449	90.199	Final Flow (2)
FS	3/28/2011 11:18:20 PM	3.555556	1123.038	91.451	Final Shut-In
FH	3/28/2011 11:20:50 PM	3.597222	1731.331	91.666	Final Hydro-static

GAS FLOWS

Min Into IFP Min Into FFP Gas Flows Pressure Choke

Company	Baird Oil Company, Inc.	Lease Name	Esslinger Ranch	
Address	P. O. Box 428	Lease #	4-35	
CSZ	Logan, KS 67646	Legal Desc	SE SE SW NE	Job Ticket 3419
Attn.	Richard Bell	Section	35	Range 22W
		Township	3S	
		County	Norton	State KS
		Drilling Cont	WW Drilling #8	

Comments **Field: Wildcat**

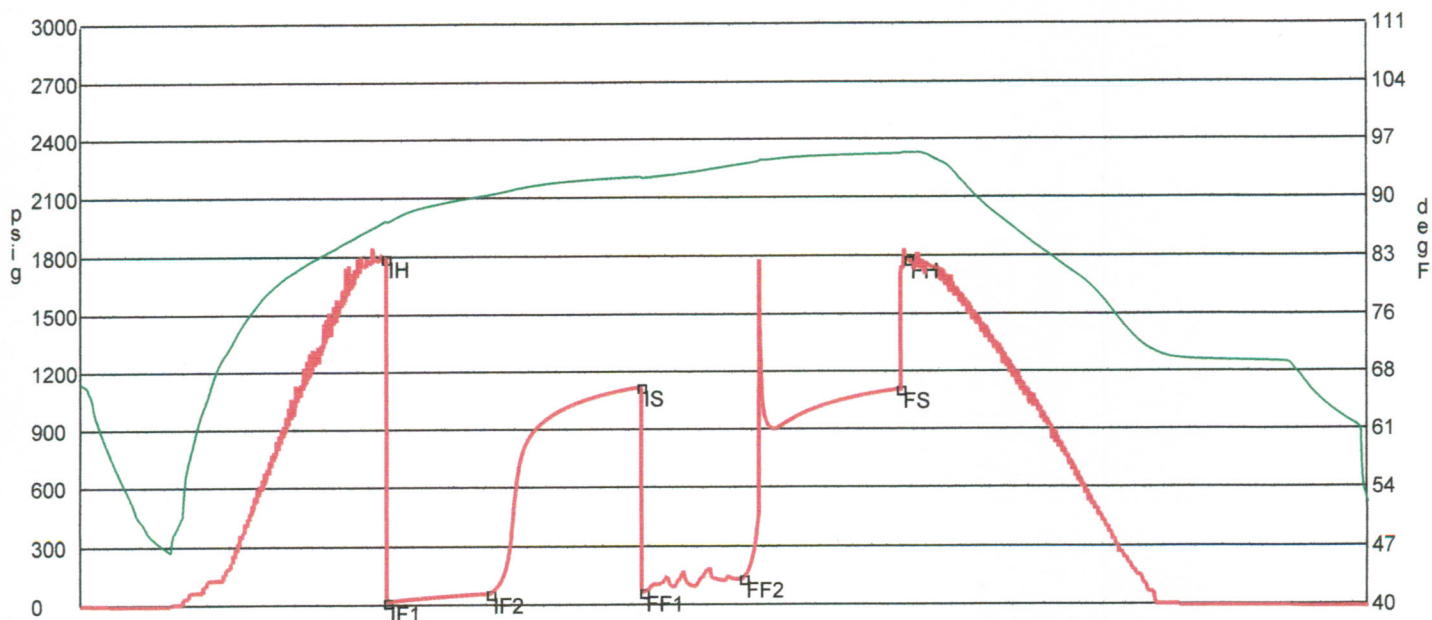
GENERAL INFORMATION

Test # 6	Test Date 3/29/2011	Chokes 3/4	Hole Size 7 7/8
Tester Jimmy Ricketts		Top Recorder # 11027	
Test Type Conventional Bottom Hole		Mid Recorder #	
Successful Test		Bott Recorder # w1023	
# of Packers 2.0	Packer Size 6 3/4	Mileage 30	Approved By
Mud Type Gel Chem		Standby Time 0	
Mud Weight 9.2	Viscosity 50.0	Extra Equipmnt None	
Filtrate 64.0	Chlorides 1400	Time on Site 10:40 AM	
		Tool Picked Up 11:30 AM	
		Tool Layed Dwn 5:00 PM	
Drill Collar Len 123.0		Elevation 2299.00	Kelley Bushings 2304.00
Wght Pipe Len 0			
Formation Lansing J		Start Date/Time 3/29/2011 11:11 AM	
Interval Top 3653.0	Bottom 3687.0	End Date/Time 3/29/2011 5:30 PM	
Anchor Len Below 34.0	Between 0		
Total Depth 3687.0			
Blow Type Weak blow building to 7 inches initial flow period. Weak blow building to 7 inches final flow period. Accidentally flushed tool at start of final shut-in period. 1/2 blow back during final shut-in period. Times: 30, 45, 31, 45. API gravity was 15. .87 barrel recovery during test.			

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
30	Clean oil	0% 0ft	100% 30ft	0% 0ft	0% 0ft
55	Heavy mud cut oil	0% 0ft	82% 45.1ft	0% 0ft	18% 9.9ft
60	Heavy oil cut mud	0% 0ft	42% 25.2ft	0% 0ft	58% 34.8ft

DST Fluids **0**



	Date	Time	Pressure	Temp	
IH	3/29/2011 12:40:20 PM	1.488889	1794.833	86.864	Initial Hydro-static
IF1	3/29/2011 12:40:50 PM	1.497222	15.064	86.777	Initial Flow (1)
IF2	3/29/2011 1:11:10 PM	2.002778	57.367	90.057	Initial Flow (2)
IS	3/29/2011 1:55:40 PM	2.744444	1118.618	92.226	Initial Shut-In
FF1	3/29/2011 1:56:20 PM	2.755556	63.525	92.104	Final Flow (1)
FF2	3/29/2011 2:25:50 PM	3.247222	133.869	93.731	Final Flow (2)
FS	3/29/2011 3:12:10 PM	4.019444	1105.678	94.966	Final Shut-In
FH	3/29/2011 3:14:30 PM	4.058333	1780.487	95.083	Final Hydro-static

GAS FLOWS

Min Into IFP Min Into FFP Gas Flows Pressure Choke

Company	Baird Oil Company, Inc.	Lease Name	Esslinger Ranch	
Address	P. O. Box 428	Lease #	4-35	
CSZ	Logan, KS 67646	Legal Desc	SE SE SW NE	Job Ticket 3419
Attn.	Richard Bell	Section	35	Range 22W
		Township	3S	
		County	Norton	State KS
		Drilling Cont	WW Drilling #8	

Comments **Field: Wildcat**

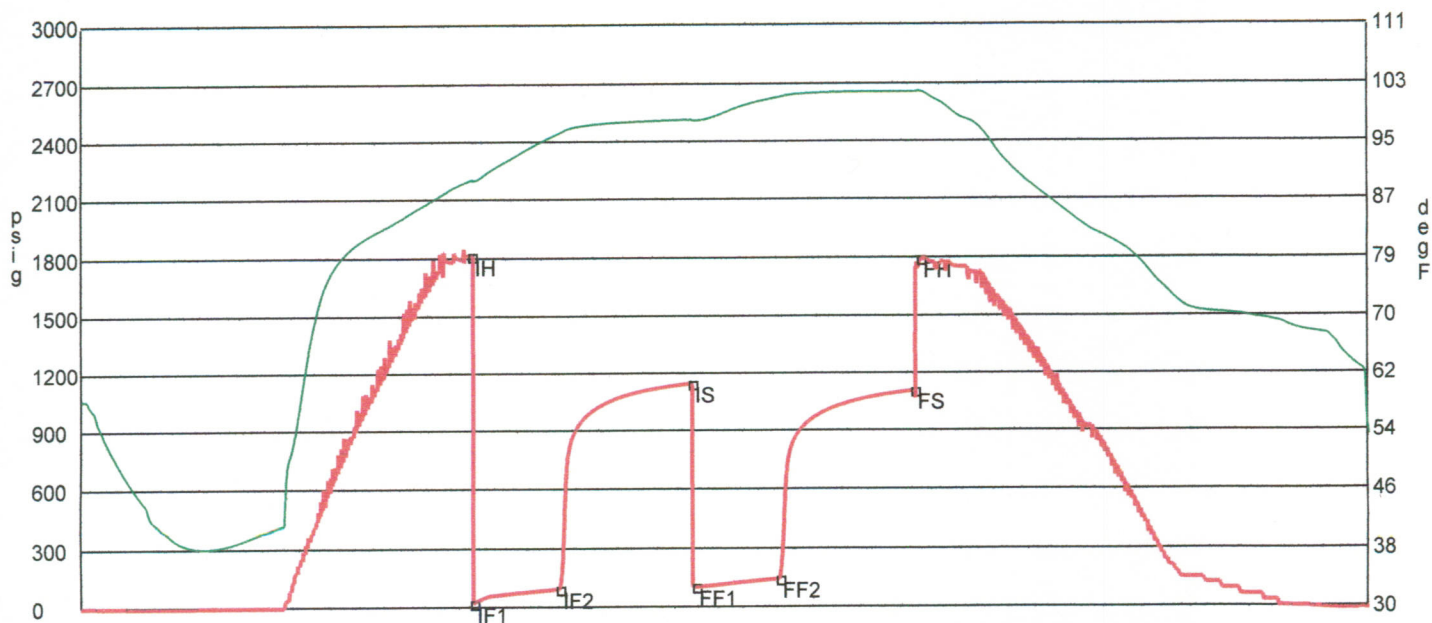
GENERAL INFORMATION

Test # 7	Test Date 3/30/2011	Chokes 3/4	Hole Size 7 7/8
Tester Jimmy Ricketts		Top Recorder # 11027	
Test Type Conventional Bottom Hole		Mid Recorder #	
Successful Test		Bott Recorder # w1023	
# of Packers 2.0	Packer Size 6 3/4	Mileage 30	Approved By
Mud Type Gel Chem		Standby Time 0	
Mud Weight 9.2	Viscosity 50.0	Extra Equipmnt None	
Filtrate 6.4	Chlorides 1400	Time on Site 11:00 PM	
		Tool Picked Up 12:20 AM	
		Tool Layed Dwn 6:20 AM	
Drill Collar Len 123.0		Elevation 2299.00	Kelley Bushings 2304.00
Wght Pipe Len 0			
Formation Lansing K		Start Date/Time 3/30/2011 12:01 AM	
Interval Top 3687.0	Bottom 3710.0	End Date/Time 3/30/2011 7:15 AM	
Anchor Len Below 23.0	Between 0		
Total Depth 3710.0			
Blow Type Weak blow building to strong blow 12 minutes into initial flow period. 7 inch blow back during initial shut-in period. Weak blow building to strong blow 12 minutes into final flow period. 10 inch blow back during final shut-in period. Times: 29, 45, 30, 45. API gavity was 32. 3.6 barrels recovery during test.			

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
280	Gas in pipe	100% 280ft	0% 0ft	0% 0ft	0% 0ft
230	Gassy clean oil	0% 0ft	100% 230ft	0% 0ft	0% 0ft
50	Gassy heavy mud cut oil	4% 2ft	63% 31.5ft	0% 0ft	33% 16.5ft
60	Gassy heavy oil cut mud	15% 9ft	36% 21.6ft	0% 0ft	49% 29.4ft

DST Fluids **0**



	Date	Time	Pressure	Temp	
IH	3/30/2011 2:12:30 AM	2.191667	1812.4	89.435	Initial Hydro-static
IF1	3/30/2011 2:13:10 AM	2.202778	18.787	89.335	Initial Flow (1)
IF2	3/30/2011 2:42:10 AM	2.686111	92.001	95.987	Initial Flow (2)
IS	3/30/2011 3:26:50 AM	3.430556	1144.897	97.86	Initial Shut-In
FF1	3/30/2011 3:28:10 AM	3.452778	102.202	97.737	Final Flow (1)
FF2	3/30/2011 3:56:30 AM	3.925	142.84	100.998	Final Flow (2)
FS	3/30/2011 4:42:10 AM	4.686111	1105.99	101.69	Final Shut-In
FH	3/30/2011 4:44:10 AM	4.719444	1792.749	101.774	Final Hydro-static

GAS FLOWS

Min Into IFP Min Into FFP Gas Flows Pressure Choke

Company **Baird Oil Company, Inc.**
 Address **P. O. Box 428**
 CSZ **Logan, KS 67646**
 Attn. **Richard Bell**

Lease Name **Esslinger Ranch**
 Lease # **4-35**
 Legal Desc **SE SE SW NE**
 Section **35**
 Township **3S**
 County **Norton**
 Drilling Cont **WW Drilling #8**

Job Ticket **3419**
 Range **22W**
 State **KS**

Comments **Field: Wildcat**

GENERAL INFORMATION

Test # **8** Test Date **3/30/2011**
 Tester **Jimmy Ricketts**
 Test Type **Conventional Bottom Hole**
Successful Test

of Packers **2.0** Packer Size **6 3/4**

Mud Type **Gel Chem**
 Mud Weight **9.2** Viscosity **50.0**
 Filtrate **6.4** Chlorides **1400**

Drill Collar Len **123.0**
 Wght Pipe Len **0**

Formation **Precambrian**
 Interval Top **3758.0** Bottom **3783.0**
 Anchor Len Below **25.0** Between **0**
 Total Depth **3783.0**
 Blow Type **Weak blow building to 1 inch initial flow period. Times: 30, 31.**

Chokes **3/4**
 Top Recorder # **11027**
 Mid Recorder #
 Bott Recorder # **w1023**

Mileage **30**
 Standby Time **0**
 Extra Equipmnt **None**
 Time on Site **7:30 PM**
 Tool Picked Up **8:30 PM**
 Tool Layed Dwn **12:10 AM**

Elevation **2299.00** Kelley Bushings **2304.00**

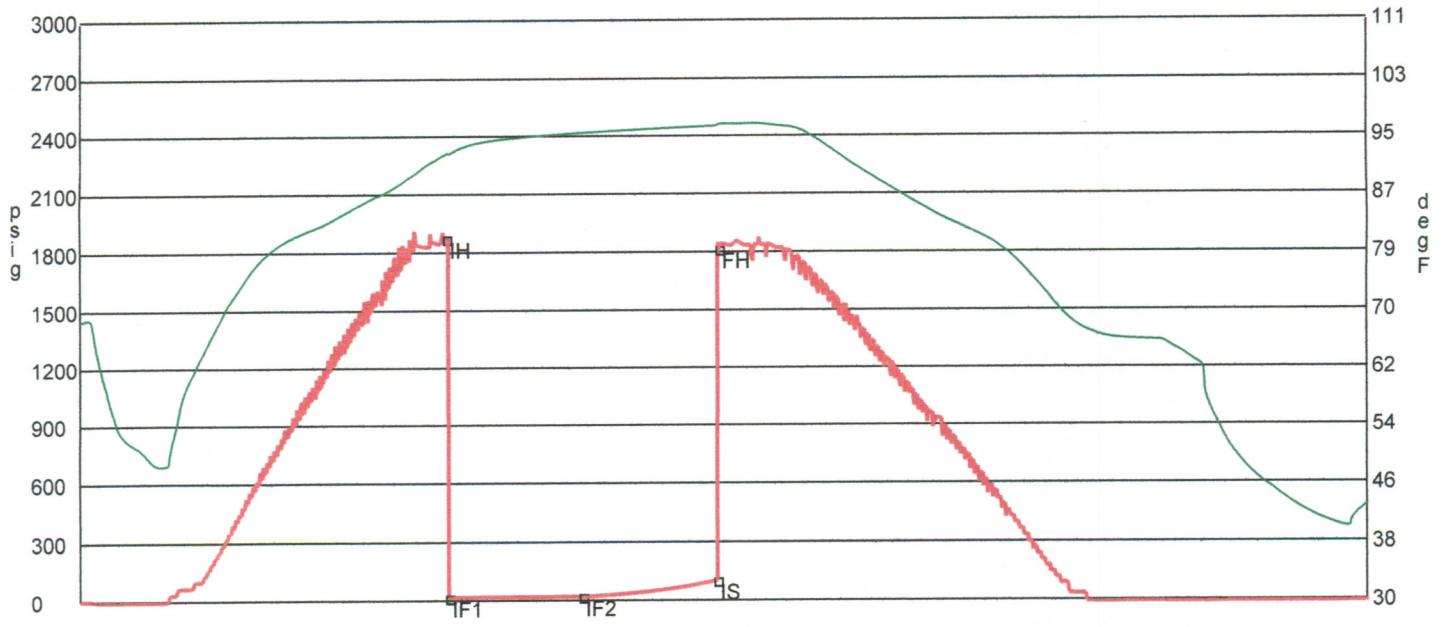
Start Date/Time **3/30/2011 8:13 PM**
 End Date/Time **3/31/2011 1:07 AM**

Hole Size **7 7/8**

Approved By

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
25	Drilling mud with trace oil	0% 0ft	trace	0% 0ft	100% 25ft
DST Fluids		0			



	Date	Time	Pressure	Temp	
IH	3/30/2011 9:36:10 PM	1.386111	1871.737	92.38	Initial Hydro-static
IF1	3/30/2011 9:36:40 PM	1.394444	14.709	92.345	Initial Flow (1)
IF2	3/30/2011 10:07:10 PM	1.902778	18.725	95.247	Initial Flow (2)
IS	3/30/2011 10:38:00 PM	2.416667	101.632	96.171	Initial Shut-In
FH	3/30/2011 10:38:30 PM	2.425	1813.33	96.402	Final Hydro-static

GAS FLOWS

Min Into IFP Min Into FFP Gas Flows Pressure Choke

A.P.I. # 15-137-20550-00-00

GEOLOGICAL REPORT
 DRILLING TIME AND SAMPLE LOG

COMPANY Baird Oil Company, LLC.
 LEASE Esslinger Ranch, Inc. #4-35
 FIELD Wildcat
 LOCATION 2375'FNL + 1640'FEL
 SEC 35 TWSP 35 RGE 22W
 COUNTY Norton STATE Kansas

ELEVATION
 KB 2304'
 DF 2302'
 GL 2299'
 Depths Measured From
 Log KB Drilling KB

CONTRACTOR WW Drilling Rig #8
 SPUD 3-23-11 COMP 3-31-11
 SAMPLES SAVED FROM 3250' TO R.T.D.

CASING
 Surface 8 7/8" @ 220'
 Production 5 1/2" @ 3776'
 ELECTRIC LOGS
Superior Well Services

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE	E. LOG	DATUM	A	B	C	D
			<i>Kilog</i>	●	●		
Anhydrite	1981	1982	+ 322	+ 316	+ 327		
Base Anhydrite	2013	2012	+ 292	+ 287	+ 300		
Topeka	3295	3295	- 991	- 997	- 987		
Heebner	3496	3496	- 1192	- 1195	- 1185		
Toronto	3520	3520	- 1216	- 1221	- 1209		
Lansing	3537	3537	- 1233	- 1237	- 1226		
Base Kansas City	3722	3722	- 1420	- 1422	- 1413		
Marmaton	3750	3750	- 1446	- 1449			
Precambrian	3767	3767	- 1463	- 1463	- 1438		
Total Depth	3782	3783	- 1479	- 1494	- 1474		

REFERENCE WELLS

- A Baird Oil Co., Esslinger Ranch, Inc. #2-35 2310'FSL + 965'FEL Sec. 35-35-22W
- B Baird Oil Co., Esslinger Ranch, Inc. #1-35 1980'FNL + 330'FEL Sec. 35-35-22W
- C
- D Port Collar @ 2005'

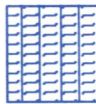
REMARKS

This well ran structurally to other producers in the area. Production casing was cemented to further test the well. The following zones should be tested: 3704'-3706'; 3683'-3685; 3606'-3608'; 3583'-3586'; 3567'-3571' and 3537'-3541'.


Richard B. Bell
3-31-11

7502

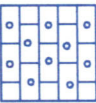
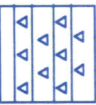
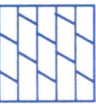
LEGEND

- Anhydrite

- Salt

- Sandstone

- Shale

- Carb sh

- Limestone

- Ool.Lime

- Chert

- Dolomite


DRILLING TIME IN MINUTES
PER FOOT

Rate of Penetration Decreases



1970

DEPTH

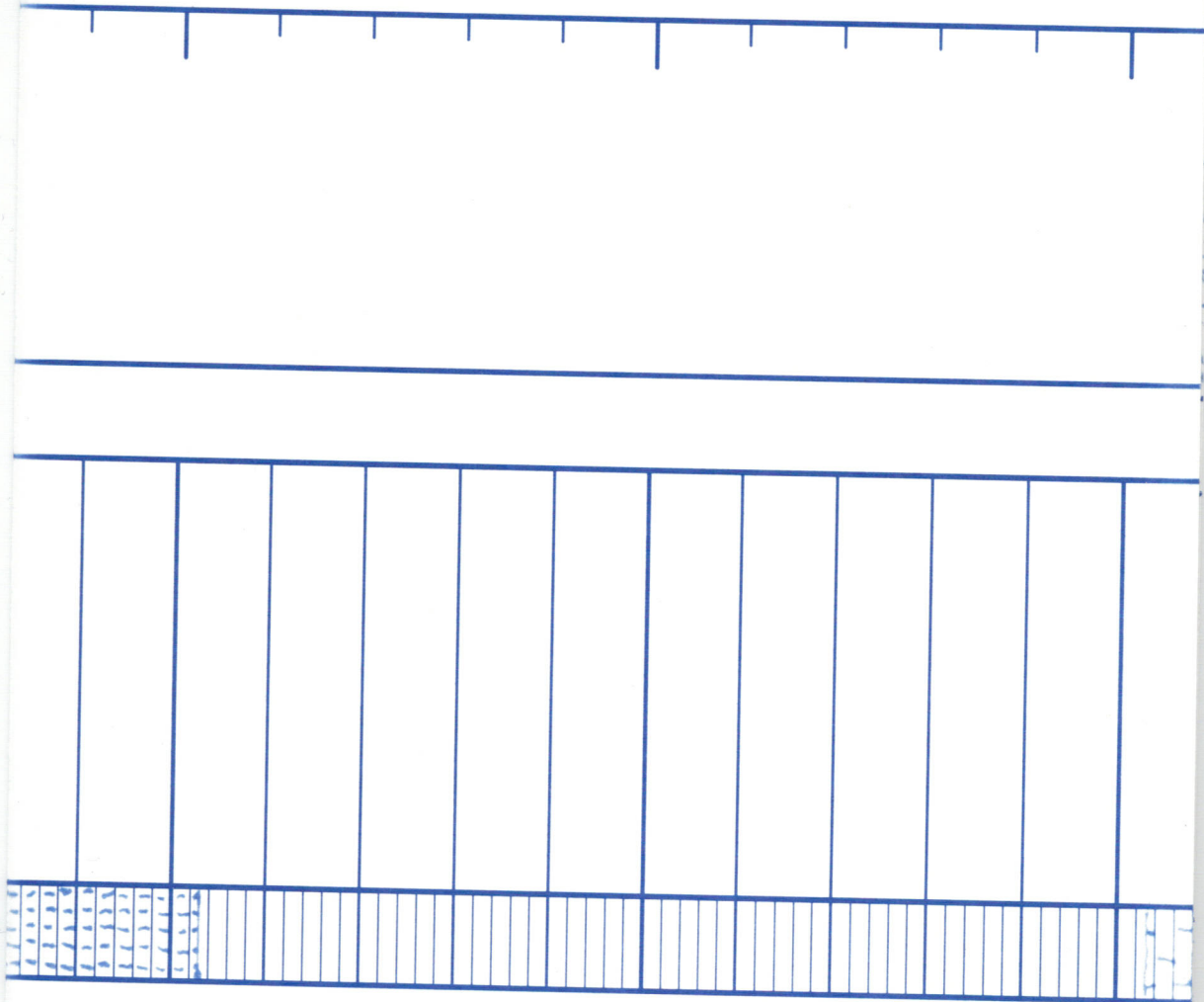
LITHOLOGY

SAMPLE DESCRIPTIONS

OIL SHOWS

REMARKS

LOG 7710

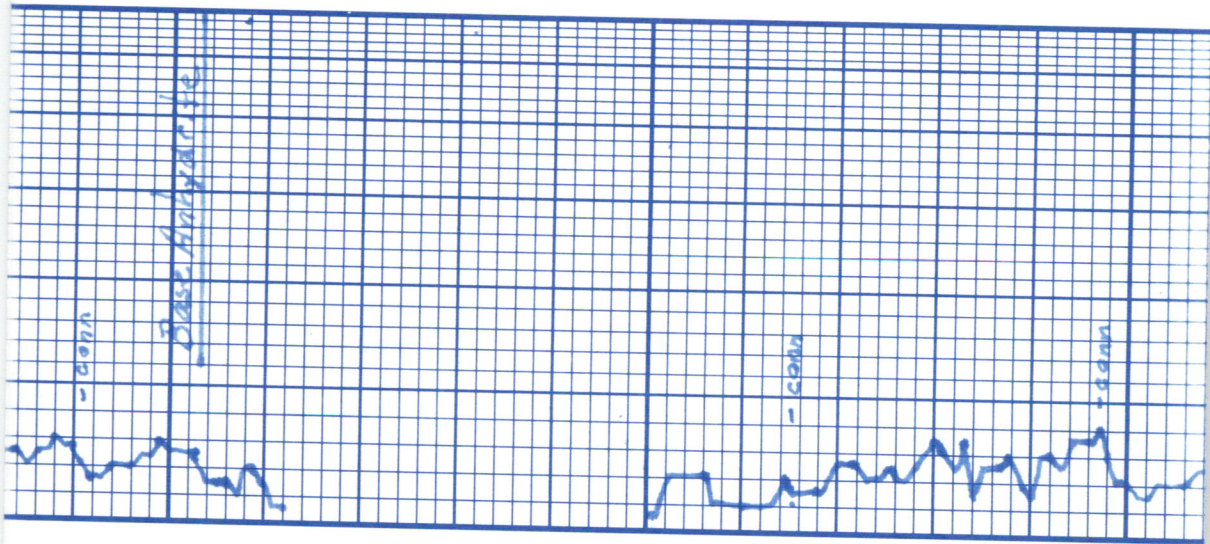


2000

20

3150

3200



Samples are lagged
good samples

		sh: brn, gry	
		LS: tn-gry fsif dns TCA	
		sh: soft gry silt, brn	
		LS: tn-gry fsif slt dns N.S.O.	
		LS: wh-to-ht gry sli. cky- fsln dns N.S.O.	
		LS: wh-to cky-fsln dns N.S.O.	
		Sl: gry silt, brn	
		LS: wh-to cky-fsln sli. ool pp N.S.O.	
		LS: wh-to sli: yel cky-fsln sli. ool dns N.S.O.	
		LS: wh-to cky-fsln Trapped Mostly dns N.S.O.	
		LS: to fsif dns N.S.O.	

20

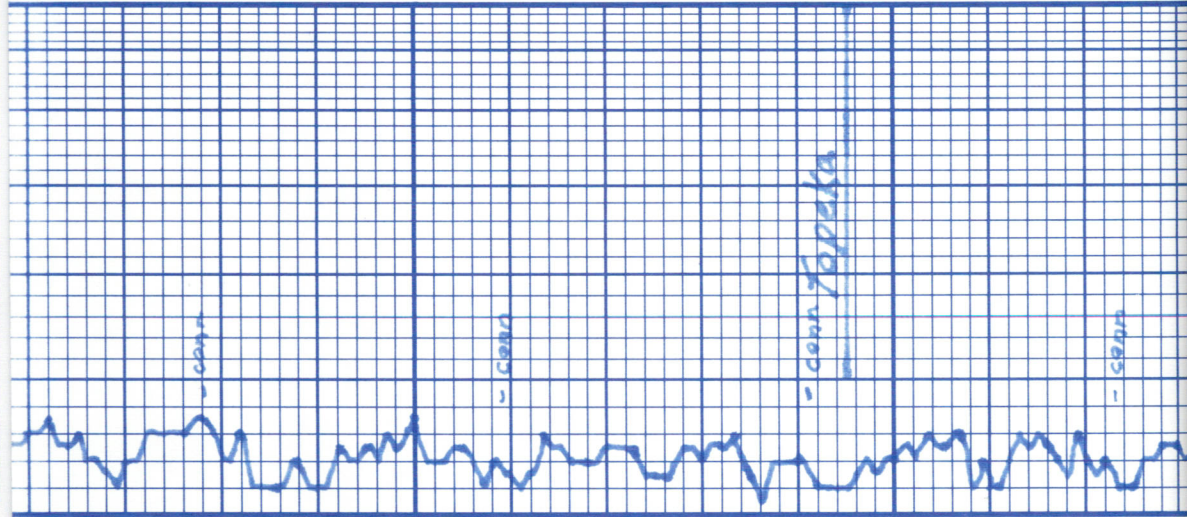
40

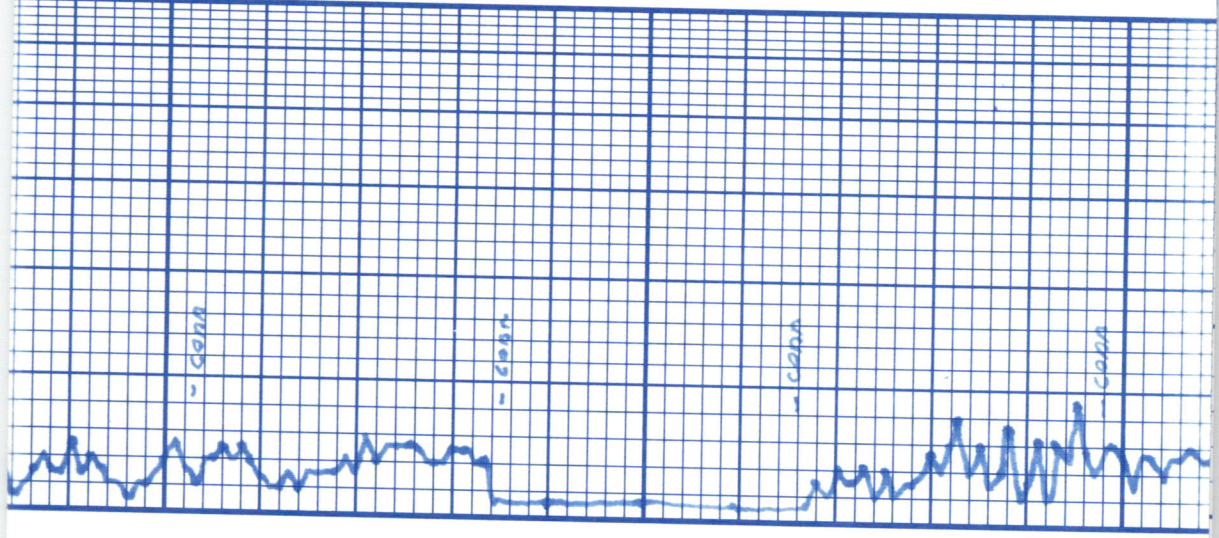
60

80

3300

20





40	Sh: brn sity, gry LS: wh. tn. fcln. pr. ppφ N.S.O.
60	LS: wh. tn. fcln. sli. suc. ppφ N.S.O. Atn. or LS: a.a. a.a. LS: wh. tn. lt. gry sli. cky. fcln. w/ glauc spks Mostly dns N.S.O.
80	LS: a.a. Sh: brn sity Tr. s/ststone: brn
3400	incr. Sh + ststone: a.a.
20	LS: wh. tn. fcln. - Tr. sli. sli. f Tr. ppφ N.S.O. Sh: brn sity
40	LS: wh. tn. sli. cky. - fcln pr. ppφ N.S.O. Sh: blk Carb LS: gry fcln. - sli. fsl. dns.

Strap 3542.34
Board 3541.71
Diff. .63
Ricketts Testing

DST# / 3528' 3550'
30-30-30-45
IF: wk blow ins. to 1 1/2"
FF: wk blow ins. to 1 1/2"
Recovery: 65' Total
25' C.O.
40' HWC M
47.0, 25.7 W, 71.7 m
MVA: 1713 - 1702 #
EO: 17-27 / 31-43 #

BHP: 811-806#
 BH Temp: 95°F.
 Gravity: 32° A.P.I.

DST#2 3554'-3575'
 30-45-30-45
 IF: 8.0 B.in 6 min.
 ISI: 8" blow back
 FF: 8.0 B.in 12 min
 FSI: 9" blow back
 Recovery: 425' Total
 360' C.O.
 65' G.HOCM
 197 G. 36% O. 45% M
 Hyd: 1713-1673#
 FP: 35-114/128-171#
 BHP: 604-581#
 BH Temp: 97°F.
 Gravity: 35° A.P.I.

DST#3 3575'-3590'
 30-45-30-45
 IF: wk 1' blow
 ISI: 14" blow back
 FF: wk. blow insert to 9"
 FSI: 1" blow back
 Recovery: 80' G.I.P.
 170' Total
 130' C.O.
 40' G.HMCO
 67 G. 48% O. 46% M
 Hyd: 1760-1725#
 FP: 15-60/65-80#
 BHP 539-523#

LS: wk. to cky. fsh dns
 N.S.O.

LS: wk. to sl. cky. fsh
 oil ppφ N.S.O.

LS: tq. ht. gry fsh dns
 N.S.O.

Sh: blk Carb.

LS: tn fsl f dns
 sh: brn, gry

LS: wk. to fsh sl. oil ppφ
 N.S.O. Δ Y wh. to gry

sh: brn, gry

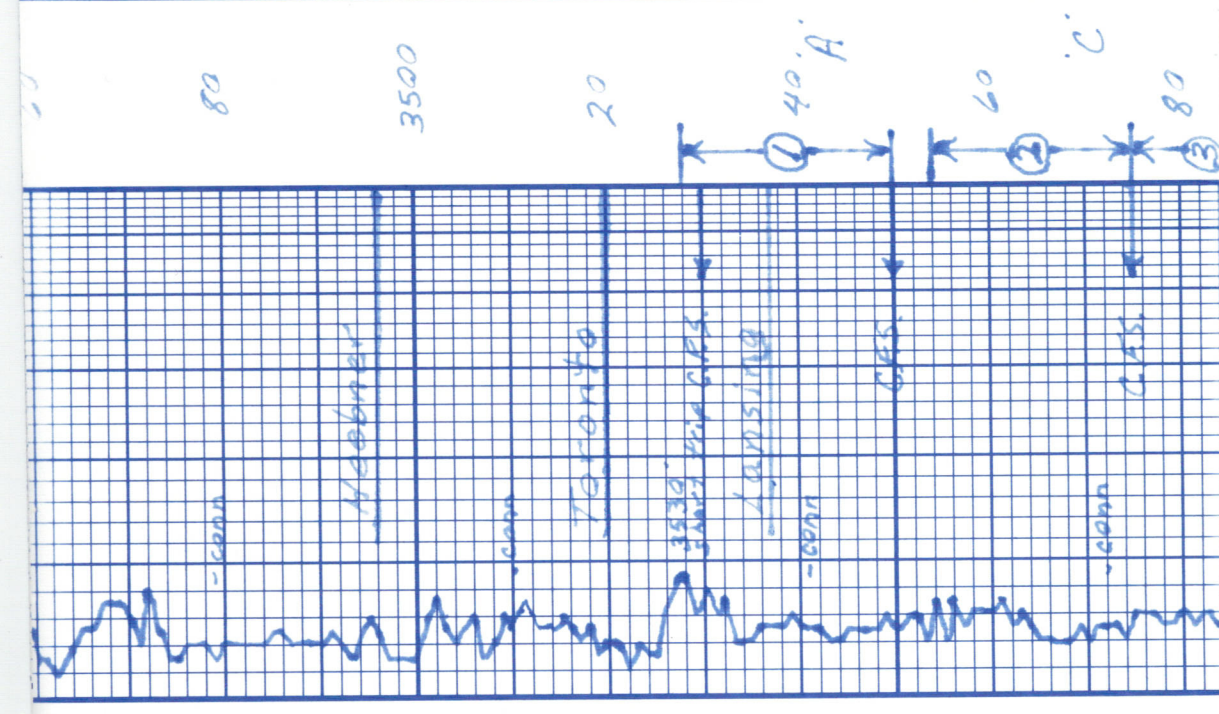
LS: wk. to sl. cky. fsh oil.
 fr. ppφ Lt. brn. O. str. PPE.O.
 V.Lt. rain bow S.O.
 ft. odor

LS: wk. to fsh dns

sh: brn. s. ty, gry

LS: wk. to fsh fsh oil. ppφ
 Lt. sp. to O. str. floating
 F.O. ft. odor
 Δ wh. to
 sh: brn. s. ty

LS: wk. to fsh oil. ppφ



✓

✓

✓

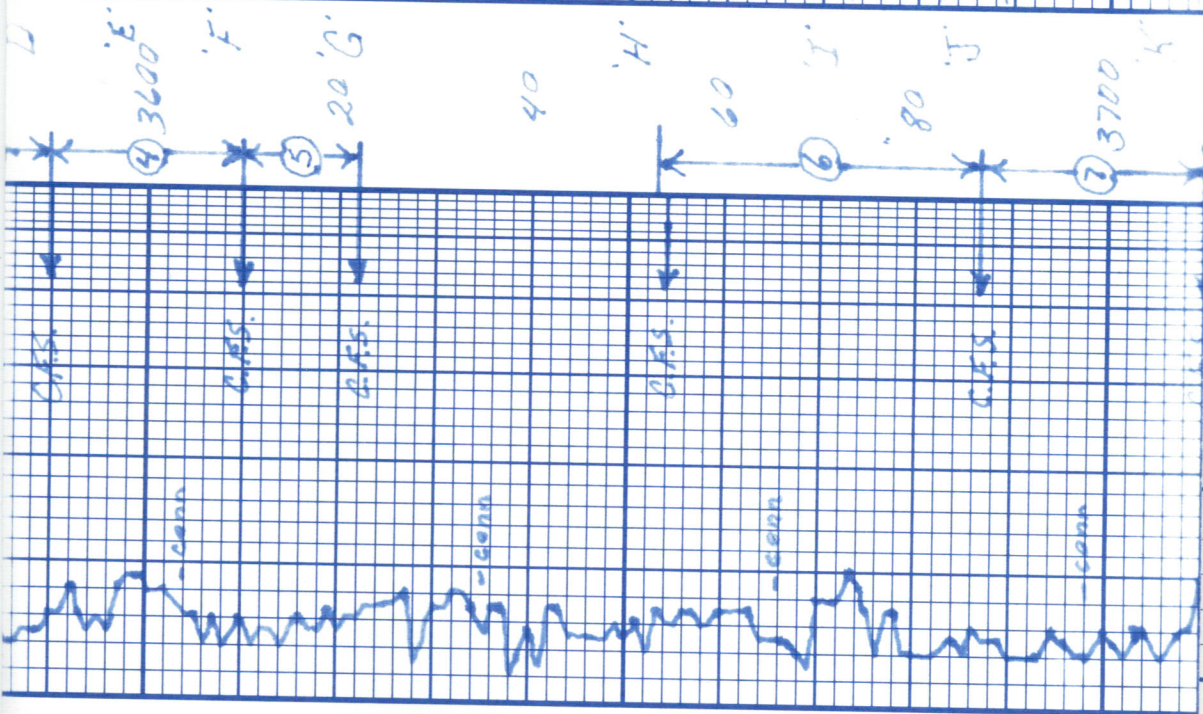
BH Temp: 94°F
Gravity: 23° A.P.I.

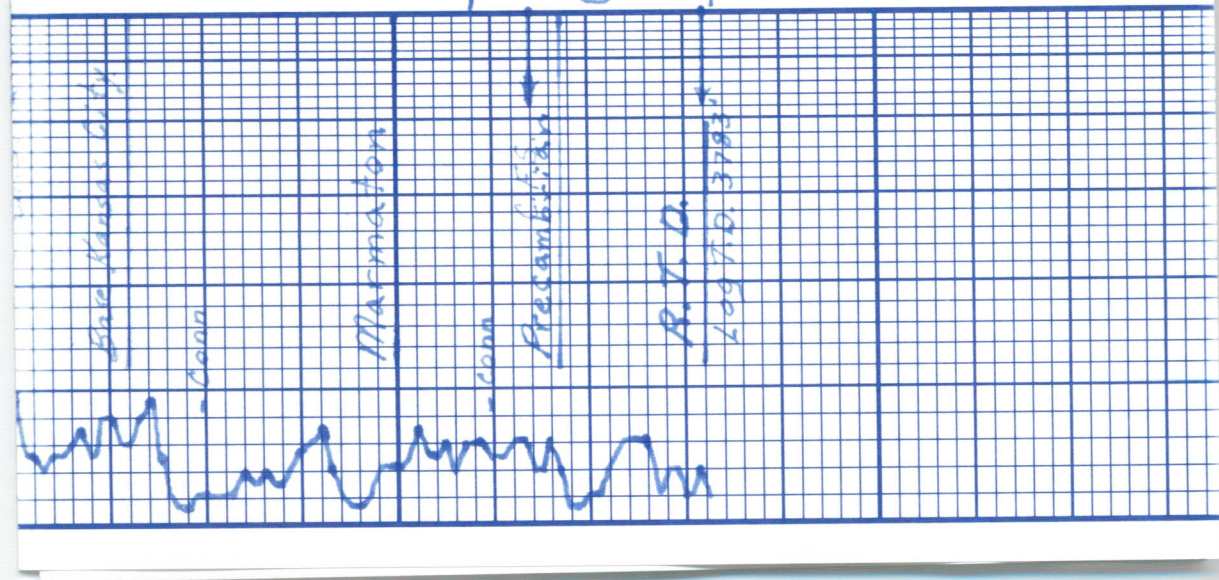
DST #4 3610'-3610'
30-30-30-30
IF: wk blow incr to 3"
FF: wk blow incr to 2"
Recovery: 105' Total
45' HMC 737.0, 277.1M
30' HOCM 497.0, 512.1M
30' OCM 770, 937.1M
HYD: 1762-1743#
FP: 15-45/46-68#
BHP: 621-573#
BH Temp: 92°F

DST #5 3610'-3622'
30-30-30-30
IF: B.O.B. in 18 min.
ISE: 1 1/2" blow back
FF: B.O.B. in 24 min.
FSI: 2" blow back
Recovery: 220' Total
180' C.O.
40' HMC 632.0, 377.1M
HYD: 1771-1731#
FP: 15-59/71-91#
BHP: 1181-1123#
BH Temp: 91°F
Gravity: 30° A.P.I.

DST #6 3653'-3687'
30-45-30-45
IF: wk blow incr to 7"

✓	15: gry fxlndns N.S.D.	15: gry fxlndns N.S.D.	15: gry fxlndns N.S.D.
✓	15: wk-th fxlndns oil w/ fass includ PPF drk o stn n bleeding F.O.	15: wk-th fxlndns oil w/ fass includ PPF drk o stn n bleeding F.O.	15: wk-th fxlndns oil w/ fass includ PPF drk o stn n bleeding F.O.
✓	15: wk-th fxlndns oil w/ fass includ PPF drk o stn n bleeding F.O.	15: wk-th fxlndns oil w/ fass includ PPF drk o stn n bleeding F.O.	15: wk-th fxlndns oil w/ fass includ PPF drk o stn n bleeding F.O.
	Sh: blk carb	Sh: blk carb	Sh: blk carb
	15: wk-th cky-fxlndns N.S.D. drk gry	15: wk-th cky-fxlndns N.S.D. drk gry	15: wk-th cky-fxlndns N.S.D. drk gry
	15: aa Sh: brn, gry	15: aa Sh: brn, gry	15: aa Sh: brn, gry
	Sh: brn 15: wk-th fxlndns gry fxlndns drk	Sh: brn 15: wk-th fxlndns gry fxlndns drk	Sh: brn 15: wk-th fxlndns gry fxlndns drk
✓	15: wk-th fxlndns oil w/ fass includ PPF drk o stn n bleeding F.O.	15: wk-th fxlndns oil w/ fass includ PPF drk o stn n bleeding F.O.	15: wk-th fxlndns oil w/ fass includ PPF drk o stn n bleeding F.O.





20' L
40
60
80
3800

LS: wh. to cky. fain. Tr. isol. Vugs mostly dns Tr. blk Tarr. asph Stn	LS: wh. to cky. fain. Tr. blk Tarr. asph Stn
sh: brn, gry	sh: brn, gry
Tr. LS: wh. to slicky. fain. dns	Tr. LS: wh. to slicky. fain. dns
LS: wh. to slicky. fain. cool PPD Tr. O Stn - blk Tary O Stn. No odor	LS: wh. to slicky. fain. cool PPD Tr. O Stn - blk Tary O Stn. No odor
Tr. Qtz. sli. rnd. ang. sli. frosted. Tr. ang Qtz. chr. Qtz. biotite, RT. feldspar	Tr. Qtz. sli. rnd. ang. sli. frosted. Tr. ang Qtz. chr. Qtz. biotite, RT. feldspar
RT. Lt. O Stn Tr. Tary O Stn PP floating P.O.	RT. Lt. O Stn Tr. Tary O Stn PP floating P.O.

ISI: No blow
FF: wk blow incr. to 7"
FSI: 1/2" blow back
Recovery: 145' Total
30' C.O.
50' HOCM 822.0, 187%
60' HOCM 427.0, 582%
HYD: 1795-1780#
FP: 15-57/64-134#
BHP: 1119-1106#
BH Temp: 94°F
Gravity: 15° A.P.I.

DST #7 3687-3710'
30-45-30-45
IF: B.O.B. in 12 min.
ISF: 7" blow back
FF: B.O.B. in 12 min.
FSI: 10" blow back
Recovery: 280' G.I.P.
340' Total Fluid
230' C.O.
50' HOCM 476.6320,
337%
60' HOCM 157.6,
367%
HYD: 1812-1793#
FP: 19-92/102-143#
BHP: 1145-1106#
BH Temp: 101°F
Gravity: 32° A.P.I.

DST #8 3758-3783'
30-30-0-0
SF: wk blow incr. to 1"
Recovery: 25' Mud
with trace of oil

WPA 1814-1815 W
FP: 15-19 #
BHP: 102 #
BHTemp: 96 °F



