

Operator Name: John Herrick Lease Name: Low Well #: 18
 Sec. 30 Twp. 17 S. R. 22 East West County: Miami

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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run:
 Gamma Ray Neutron

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Base of Hertha		259
Peru Sand		397-410
Squirrel Sand		548-562
TD		610

CASING RECORD <input type="checkbox"/> New <input checked="" 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	8 1/2"	7"		20	portland	7	
production	6 5/8"	2 7/8"		600	50/50 poz	83 sacks	

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 (Amount and Kind of Material Used)	Depth
2	389-399	spot acid on perforations and fraced with 35 sacks on each zone	
	402-408		
	550-560		

TUBING RECORD		Size	Set At	Packer At	Liner Run
		1"	600		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
8/8/06			<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	3		3		29

Disposition of Gas Vented Sold Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval

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CONSOLIDATED
OIL WELL
SERVICES, INC.
 AN INFINITY COMPANY

REMIT TO
 Consolidated Oil Well Services, Inc.
 Dept. 1228
 Denver, CO 80256

MAIN OFFICE
 P.O. Box 884
 Chanute, KS 66720
 620/431-9210 • 1-800/467-8676
 FAX 620/431-0012

INVOICE

Invoice # 205783

Invoice Date: 05/31/2006 Terms:

Page 1

HERRICK, JOHN
 3553 OREGON ROAD
 OTTAWA KS 66067
 (785)242-6423

LOWE 18
 30-17-22
 4248
 05/26/06

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	83.00	8.8500	734.55
1118B	PREMIUM GEL / BENTONITE	343.00	.1400	48.02
4402	2 1/2" RUBBER PLUG	1.00	18.0000	18.00
	Description	Hours	Unit Price	Total
144	MIN. BULK DELIVERY	1.00	275.00	275.00
368	CEMENT PUMP	1.00	800.00	800.00
368	EQUIPMENT MILEAGE (ONE WAY)	20.00	3.15	63.00
369	80 BBL VACUUM TRUCK (CEMENT)	2.00	90.00	180.00

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Parts:	800.57	Freight:	.00	Tax:	52.44	AR	2171.01
Labor:	.00	Misc:	.00	Total:	2171.01		
Sublt:	.00	Supplies:	.00	Change:	.00		

Signed _____

Date _____

PIREKA, KS

OTTAWA, KS

GILLETTE, WY
 200 Enterprise Avenue 82716

THAYER, KS
 8655 Dorn Road 6677

HUGHES DRILLING REPORT

John Herrick

SET IN PIPE

PERMANENT CSG.

TUBING

S. 30, T 17, R 22e
2805 FSL
895 FEL
FORMATION DRILLED
APR # 15-121-28192

Well No. 18 Size 7" (circ.) Size..... Size.....
Farm Lowe Feet 2005 (75% cement) Feet..... Feet.....
Water Streak @..... Cond. good Cond..... Cond.....
Water Level @..... Top Sand..... T. D. at Completion 610
Approved..... Superintendent..... Contractor HUGHES DRILLING CO.

STRATA THICKNESS	FORMATION DRILLED	T.D.
1	Soil	1
25	clay	26
40	shale	66
17	Lime	83
25	shale	108
4	Lime	112
44	shale	156
16	Lime	172
9	shale	181
30'	27 Lime	208
8	shale	216
20'	23 Lime	239
5	shale	244
4	Lime	248
3	shale	251
Herrick	8 Lime	259
127	shale	386
1	Brk Sand	387
1	shy lime	388
3	shale	391
1	Brk Sand	392
5	shy lime	397
Peru	13 oil sand	410
1	shale	411
15	Lime	426
44	shale	470
8	Lime	478
11	shale	486
3	Lime	494
13	shale	510
6	Lime	517
19	shale	539
3	Lime	547
4	shale	554
5	Lime	562
6	shale	570
#19	14 oil sand	584
48	shale	610
		T.D.

DATE	HOURS OF TOUR	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
		FROM	TO		
5/23/06		0	1	soil	① 21.5-21.5
20'		1	26	clay	② 22.5-44.0
7/24/06		26	66	shale	③ 22.5-66.5
5 1/2 hr Mon		66	83	Lime	④ 22.5-89.0
		83	108	shale	⑤ 22.5-111.5
		108	112	Lime	⑥ 22.5-134.0
		112	156	shale	⑦ 22.5-156.5
		156	172	Lime	⑧ 22.5-179.0
		172	181	shale	⑨ 22.5-201.5
30'		181	208	Lime (shale 193-195)	⑩ 22.5-224.0
		208	216	shale	⑪ 22.5-246.5
20'		216	239	Lime	⑫ 22.5-269.0
		239	244	shale (slate 243-244)	⑬ 22.5-291.5
		244	248	Lime	⑭ 22.5-314.0
		248	251	shale	⑮ 22.5-336.5
"Herrick"		251	259	Lime	⑯ 22.5-359.0
2 1/2 hr Trip 267		259	386	shale (slate 376-377)	⑰ 22.5-381.5
(Avg. 2.5)		386	387	Broken Sand bil trace	⑱ 22.5-404.0
		387	388	shy lime	⑲ 22.5-427.0
		388	391	shale (some gray sand)	⑳ 22.5-449.5
		391	392	Broken Sand	㉑ 22.5-472.0
		392	397	shy Lime	㉒ 22.5-494.5
"Peru"		397	410	oil sand (core time pg. 3)	㉓ 22.5-517.0
5/21		410	411	shale	㉔ 22.5-539.5
5/25/06		411	426	Lime	㉕ 22.5-562.0
		426	470	shale	㉖ 22.5-584.5
		470	478	lime	㉗ 22.5-607.4

5/23/06 - set 20.05' of 7" surface pipe
circulated 7 sacks cement to surface

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