

P&A
W&A

WELL COMPLETION FORM

HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 3869
Name: Imperial Oil Properties, Inc.
Address: 200 East First Street - Suite 413
City/State/Zip: Wichita, Kansas 67202
Purchaser: _____
Operator Contact Person: Jon T. Williams, Jr.
Phone: (316) 263-5596
Contractor: Name: Duke Drilling Co., Inc.
License: 5929
Wellsite Geologist: Jon T. Williams

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd. 6-11-03
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic) _____
If Workover/Re-entry: Old Well Info as follows:

Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

04-29-03 05-06-03 5.6.03
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 165-21749-00-00
County: Rush County, Kansas
C-S/2 NW NE Sec. 22 Twp. 18 S. R. 18 East West
990 feet from S (N) (circle one) Line of Section
2030 feet from (E) (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW
Lease Name: Tomecek Well #: 22-1
Field Name: Rush Center East
Producing Formation: _____

Elevation: Ground: 2028' Kelly Bushing: 2036'
Total Depth: 3824' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 1234 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 PH'd on 6-17-03
(Data must be collected from the Reserve Pit)
Chloride content 5,200 ppm Fluid volume 160 bbls
Dewatering method used Hauled off

Location of fluid disposal if hauled offsite: _____
Operator Name: Hertel Tank Service, Inc.
Lease Name: Oldham #4SWD License No.: 8729
Quarter NW Sec. 4 Twp. 15 S. R. 18 East West
County: Ellis Docket No.: D-20,212

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Jon T. Williams, Jr.
Title: Geologist/Agent Date: 5/14/2003

Subscribed and sworn to before me this 14 day of May

2003
Notary Public: Patricia S. Armstrong
Date Commission Expires: _____

PATRICIA S. ARMSTRONG
NOTARY PUBLIC
STATE OF KANSAS
1-4-2004

KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

✓

X

Operator Name: Imperial Oil Properties, Inc. Lease Name: Tomecek Well #: 22-1
 Sec. 22 Twp. 18 S. R. 18 East West County: Rush County, Kansas

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.

DST #1 on geologist 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: R.A.Guard

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Heebner	3368	-1332
Toronto	3389	-1353
Lansing	3421	-1385
Base K.C.	3678	-1642

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	# Sacjs Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	24#	1234'	Premium Lite	350 150	3%cc 2%cc

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

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
---------------	------	--------	-----------	--

Date of First, Resumerd Production, SWD or Enhr.	Producing Method <input type="checkbox"/> Flowing <input 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
-----------------------------------	-----------	---------	-------------	---------------	---------

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

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

Production Interval _____

HALLIBURTON JOB SUMMARY

SALES ORDER NUMBER 2421167	TICKET DATE 04/30/03
BDA / STATE MC/Ks	COUNTY RUS
ORIGINAL	
PSL DEPARTMENT Cement	CUSTOMER REP / PHONE RON SCHROEDER 1-316-772-6020
SAP BOMB NUMBER 7521	Cement Surface Casing
HES FACILITY (CLOSEST TO WELL SITE) Liberal Ks	

REGION Central Operations	NWA / COUNTRY Mid Continent/USA
MBJ ID / EMPL # MCL10101 106322	H.E.S. EMPLOYEE NAME Danny McLane
LOCATION LIBERAL	COMPANY IMPERIAL OIL PROPERTIES (302922)
TICKET AMOUNT \$11,067.51	WELL TYPE 01 Oil
WELL LOCATION Rush Center, Ks	DEPARTMENT Cement
LEASE NAME TOMACEK (2277166)	SEC / TWP / RING 22-1 22-18S-18W 15.165-21749-0000

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
McLane, D 106322	18.0			
Tate, N 105953	18.0			
Ferguson, R 106164	15.5			
Hartless, C 280698	15.5			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
420995	120			
10251401	120			
10240236 10011590	60			
54225 10011277	60			

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

Date	Called Out	On Location	Job Started	Job Completed
	4/30/2003	4/30/2003	4/30/2003	4/30/2003
Time	2200	0230	2030	2130

Tools and Accessories

Type and Size	Qty	Make
Insert 8 5/8	1	H
Float Shoe		
Centralizers 8 5/8	4	O
Top Plug 8 5/8	1	
HEAD 8 5/8	1	W
Limit clamp 8 5/8	1	
Weld-A	1	C
Guide Shoe 8 5/8	1	
Basket 8 5/8	1	O

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	New	24.0	8 5/8		0	1,223	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			12 1/4				Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials

Mud Type	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb
Prop. Type	Size	Lb
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		
Other		

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
4/30	19.0	4/30	1.5	Cement Surface Casing
Total	19.0	Total	1.5	

RECEIVED
JUN 11 2003
6-11-03
KCC WICHITA

Ordered	Hydraulic Horsepower Avail.	Used
Treating	Average Rates in BPM Disp.	Overall
Feet 17	Cement Left in Pipe Reason	SHOE JOINT

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	350	HLC PP	Bulk	3% CC - 1/4# FLOCELE	11.41	2.06	12.30
2	125	PREM PLUS	Bulk	2% CC	6.31	1.34	14.80
3							
4							

Summary

Circulating Breakdown	Displacement	Preflush: BBI	5.00	Type: fresh water
Lost Returns -	MAXIMUM	Load & Bkdn: Gal - BBI		Pad:Bbl -Gal
Cmt Rtrn#Bbl	Lost Returns -	Excess /Return BBI		Calc.Disp Bbl 76.5
Average	Actual TOC	Calc. TOC:		Actual Disp. 77
Shut In: Instant	Frac. Gradient	Treatment: Gal - BBI		Disp:Bbl
	5 Min. 15 Min.	Cement Slurry BBI	128.5, 29.5	
		Total Volume BBI	#VALUE!	

Frac Ring #1 | Frac Ring #2 | Frac Ring #3 | Frac Ring #4

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER REPRESENTATIVE _____ SIGNATURE _____