

NOV 05 2002

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

CONSERVATION DIVISION

Operator: WICHITA, KS 3869

Name: IMPERIAL OIL PROPERTIES, INC.

Address: 200 E. 1st #413

City/State/Zip: WICHITA, KAN. 67202

Purchaser: N/A

Operator Contact Person: JON T. WILLIAMS, JR.

Phone: (316) 263-5596

Contractor: Name: DUKE DRILLING CO., INC.

License: 5929

Wellsite Geologist: JON T. WILLIAMS, JR.

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil SWD SIOW Temp. Abd.
- Gas ENHR SIGW
- Dry Other (Core, WSW, Expl., Cathodic, 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./SWD

Plug Back _____ Plug Back Total Depth _____

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Enhr.?) Docket No. _____

<u>10/12/02</u>	<u>10/25/02</u>	<u>10/25/02</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 033-21331-000

County: COMANCHE, CO., KAN.

C-NE-NE Sec. 33 Twp. 33 S. R. 19 East West

660 feet from S (circle one) Line of Section

660 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE NW SW

Lease Name: WILLBANKS Well #: 33-1

Field Name: COLLIER FLATS EAST EXT.

Producing Formation: N/A

Elevation: Ground: 1948 Kelly Bushing: 1961

Total Depth: 5413 Plug Back Total Depth: ---

Amount of Surface Pipe Set and Cemented at 670 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 See 10-05-02
(Data must be collected from the Reserve Pit)

Chloride content 5,500 ppm Fluid volume 160 bbls

Dewatering method used HAULED OFF

Location of fluid disposal if hauled offsite:

Operator Name: KBW OIL & GAS

Lease Name: HARMON SWDW License No.: 5993

Quarter NW Sec. 11 Twp. 33 S. R. 20 East West

County: COMANCHE Docket No. CD 98329

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: [Signature]

JON T. WILLIAMS, JR.

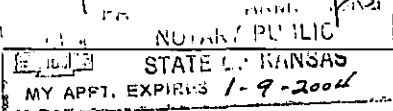
Title: GEOLOGIST Date: 11/05/2002

Subscribed and sworn to before me this 4th day of NOVEMBER

2002

Notary Public: [Signature]

Date Commission Expires: _____



KCC Office Use ONLY

NO Letter of Confidentiality Attached

If Denied, Yes Date: _____

YES Wireline Log Received

NO Geologist Report Received

UIC Distribution

Operator Name: IMPERIAL OIL PROP., INC. Lease Name: WILLBANKS Well #: 33-1

Sec. 33 Twp. 33 S. R. 19 East West County: COMANCHE 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.

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: (LOG TECH)

DUAL INDUCTION, DUAL COMPENSATED
POROSITY and MICRORESISTIVITY

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
HEEBNER	4338	-2377
BROWN LIME	4540	-2579
LANSING	4554	-2593
BASE KANSAS CITY	5000	-3039
MARMATON	5066	-3105
PAWNEE	5150	-3189
CHEROKEE SHALE	5200	-3239
MISSISSIPPI	5311	-3350

CASING RECORD New 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	# Sacs Used	Type and Percent Additives
CONDUCTOR		20"	48#	90'			
SURFACE	1-2 1/4"	8-5/8"	23#	670'	MIDCON C	140	3%CC
					CLASS C	100	3%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 checked="" type="checkbox"/> Other (Explain) D&A

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 210864	DATE TIME 10/25/02
SDA / STATE MC/KS	COUNTY COMANCHE
FPL DEPARTMENT CEMENT	
CUSTOMER REP / PHONE KENNY MCGUIRE	1-620-793-0838
AP/AMT #	
GAP BOMB NUMBER	Description Plug to Abandon
WELL FACILITY (CLOSEST TO WELL SITE) LIBERAL, KS.	

REGION NORTH AMERICA LAND	AREA / COUNTRY Central / USA
WELL ID / EMPL # MCL 1014 / 105848	H.E.B. EMPLOYEE NAME JOHN WOODROW
LOCATION LIBERAL, KS.	COMPANY IMPERIAL OIL PROPERTIES (302922
PROJECT AMOUNT \$6,134.26	WELL TYPE OIL
WELL LOCATION COLDWATER, KS.	DEPARTMENT CEMENT
LEASE NAME WILLBANKS (2239801)	Well No. 33-1
	SEC / TWP / RING 33 - 33S - 19W

H.E.B. NAME / EMP # / (EXPOSURE HOURS)	HRG	HRG	HRG	HRG
Woodrow, J 105848	7.5	Torre, A 289520	4.5	
Arnatt, J 228567	7.5			

H.E.S. UNIT # / (R/T MILES)	R/T MILES	R/T MILES	R/T MILES	R/T MILES
10011504 P/U	120	84225 / 10011591	60	
54210 / 78299	120			

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
	10/25/2002	10/25/2002	10/28/2002	10/25/2002
Time	1500	1900	2030	2215

Type and Size	Qty	Make
Float Collar		H
Float Shoe		
Centralizers		A
Top Plug		
HEAD		L
Limit clamp		
Weld-A		C
Guide Shoe		
BTM PLUG		O

Tool/Job	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing		U	24		KB	700	
Liner							
Liner							
Tubing			1 1/2 DP				
Drill Pipe							
Open Hole			7 7/8				Shots/Ft.
Perforations							
Perforations							
Perforations							

Material	Density	Lb/Gal
Mud Type		
Disp. Fluid		
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	
Perpac Balls	Qty.	
Other		
Other		
Other		
Other		

Hours On Location	Overhaul Hours	Description of Job
Date: 10/25	Hours: 4.5	
Date: 10/25	Hours: 2.0	
SEE JOB LOG		
Total	4.5	2.0

Ordered _____ Available _____ Used _____
 Treating _____ Average Rate _____ Overall _____
 Feet _____ Reason _____ SHOE JOINT

Stage	Sacks	Cement	Additives	W/Rg.	Yield	Lb/Gal	
1	50	40/80 POZ H	6% GEL	1ST PLUG @ 800 FT	7.59	1.63	13.60
2	50	40/80 POZ H	6% GEL	2ND PLUG @ 700 FT	7.59	1.63	13.60
3	45	40/80 POZ H	6% GEL	3RD PLUG @ 320 FT	7.59	1.63	13.60
4	10	40/80 POZ H	6% GEL	4TH PLUG @ 40 FT	7.59	1.63	13.60

Circulating Breakdown	Displacement	Preflush: BBI	Type:
Lost Returns	MAXIMUM	Load & Bkdn: Gal - BBI	Pad: Bbl - Gal
Cmt Rtn#/Bbl	Actual TOC	Excess /Return BBI	Calc. Disp Bbl
Average Shut In: Instant	Frac. Gradient	Treatment: Gal - BBI	Actual Disp.
	5 Min. 15 Min.	Cement Slurry: BBI	Disp: Bbl
		Total Volume: BBI	

Frac Ring #1 _____ Frac Ring #2 _____ Frac Ring #3 _____ Frac Ring #4 _____

THE INFORMATION STATED HEREIN IS CORRECT
CUSTOMER REPRESENTATIVE

Kenneth McGuires
 SIGNATURE

KANSAS CORPORATION COMMISSION

NOV 05 2002
 11-5-02
 CONSERVATION DIVISION
 WICHITA, KS

5-033-21331-0000

ORIGINAL

HALLIBURTON JOB LOG		TICKET # 2108644	TICKET DATE 10/25/02
REGION NORTH AMERICA LAND	AREA / COUNTRY Central / USA	BOA / STATE MC/KS	COUNTY COMANCHE
AGU ID / EMP. # MCL 10104 / 105848	FLES EMPLOYEE NAME JOHN WOODROW	PSL DEPARTMENT CEMENT	
LOCATION LIBERAL, KS.	COMPANY IMPERIAL OIL PROPERTIES (302922	CUSTOMER REP / PHONE KENNY MCGUIRE	1-620-793-0838
TICKET AMOUNT \$6,134.26	WELL TYPE OIL	APPLANT #	
WELL LOCATION COLDWTR, KS.	DEPARTMENT CEMENT	JOB PURPOSE CODE Plug to Abandon	
LEAD NAME WILL BANKS (22398)	WELL NO. 33-1	SEG / TWP / RMB 33 - 33S - 18W	
HRS. CO. OF WELLS / (E) POSSES (HOURS)		HRS. CO. OF WELLS / (E) POSSES (HOURS)	

Woodrow, J 105848	Torre, A 259520		
Arnett, J 226567			

Chart No.	Time	Rate	Count	Rate	Break (PS)	Job Description / Remarks
	1800					JOB READY
	1500					CALLED OUT FOR JOB
	1800					PUMP TRUCK & BULK GMT. ON LOCATION
	1915					PRE JOB SITE ASSESMENT / SPOT EQUIP / RIG UP
	1945					TRIP IN WITH 800 FT. OF D.P.
						1ST PLUG JOB PROCEDURE 60 SKS @ 800 FT
	2029	4.0	35.0		0-140	PUMP FRESH WATER SPACER
	2038	5.0	13.5		180	MIX 60 SKS CMT. @ 13.5#/GAL
	2039	4.0	6.0		100	DISPLACE WITH 6 BBLs. WATER
	2042					SHUT DOWN / KNOCK LOOSE / PULL D.P. TO 700 FT
						2ND PLUG JOB PROCEDURE 60 SKS @ 700 FT.
	2053	4.0	5.0		0-120	PUMP FRESH WATER SPACER
	2054	5.0	13.5		120-70	MIX 60 SKS CMT. @ 13.5#/GAL
	2058	4.0	7.0		90	DISPLACE WITH 7 BBLs. WATER
						SHUT DOWN / KNOCK LOOSE / PULL D.P. TO 320 FT
						3RD PLUG JOB PROCEDURE 40 SKS @ 320 FT.
	2114	4.0	5.0		100	PUMP FRESH WATER SPACER
	2115	4.0	12.0		100	MIX 40 SKS CMT. @ 13.5#/GAL
	2118	4.0			95	DISPLACE WITH 2 BBLs.
	2120					LAY DOWN REST OF DRILL PIPE
						PULL RH & MH
	2200		2.0			MIX 10 SKS FOR A 40 FT. TOP PLUG
	2215		4.0			MIX 25 SKS FOR RH & MH
						JOB COMPLETE
						THANK YOU FOR CALLING HALIBURTON !!
						(WOODY & CREW)



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WICHITA, KS

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HALLIBURTON JOB LOG						TICKET #	TICKET DATE
REGION Central Operations		DMA / COUNTRY Mid Continent/USA		SDA / STATE MC/Ks		COUNTY COMANCHE	
MEM ID / EMPL # MCL103 106304		REG EMPLOYEE NAME TYCE DAVIS		PRL DEPARTMENT CEMENT			
LOCATION LIBERAL		COMPANY IMPERIAL OIL PROPERTIES (3029		CUSTOMER REP / PHONE RON SCHROEDER 1-316-772-6020		APPROVAL #	
BUDGET AMOUNT \$7,208.88		WELL TYPE 01		JOB PURPOSE CODE Cement Surface Casing			
WELL LOCATION LAND S. PROTECTION KS.		DEPARTMENT CEMENT		WELL FACILITY (CLOSEST TO WELL #) LIBERAL KS			
LEASE NAME WILLBANKS (223984		Well No. 33-1		SEC / TWD / TRNG 33 - 33S - 19W			
HRS EST EMP NAME/COMP # (EXPOSURE HOURS)		HRS EST EMP NAME/COMP # (EXPOSURE HOURS)		HRS EST EMP NAME/COMP # (EXPOSURE HOURS)		HRS EST EMP NAME/COMP # (EXPOSURE HOURS)	
Davis, T 106304							
Harper, K 241985							
Marquez, J,A 260446							
Clock No.	Time	Rate	Volume	Rate	Pressure (PSI)	Job Description / Remarks	
	1200					CALLED OUT FOR JOB	
	1530					ON LOCATION RIG DRILLING	
	1730					START S.B.D.P.	
	1800					OUT OF HOLE W/DP RIG UP CASERS	
	1830					START CASING AND FE	
	1915					CASING ON BOTTOM HOOK UP PG AND CIRC LINES	
	1921					BREAK CIRC W/RIG	
	1922					CIRC TO PIT	
	1925					THRU CIRC HOOK LINES TO PT	
	1933					PSI TEST LINES	
	1937	5.5	82.0		100	PUMP 140SX P+MC AT 11.1#	
	1951	5.5	24.0		150	PUMP 100SX P+ AT 14.8#	
	1956					SHUT DOWN DROP PLUG	
	1957	5.5	40.0		100	PUMP DISPLACEMENT	
	1957		40.0		100	0 BBLs IN CEMENT TO PIT	
	2004	2.0	40.0		110	30 BBLs IN SLOW RATE	
	2010	2.0	40.0		150-800	LAND PLUG	
	2011		40.0		800-0	RELEASE FLOAT-----HELD	
	2030					JOB OVER	
						CIRCULATED 40BBLs CEMENT TO PIT ✓	

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WICHITA, KS

HALLIBURTON JOB SUMMARY				2087059 ORIGINAL 11/12/02
REGION Central Operations	AREA / COUNTRY Mid Continent/USA	BDA / STATE MC/KS	COMANCHE	
MATERIAL / EMP # MCL0103 106304	H.E.S. EMPLOYEE NAME TYCE DAVIS	PL. DEPARTMENT CEMENT		
LOCATION LIBERAL	COMPANY IMPERIAL OIL PROPERTIES (302922)	CUSTOMER REP / PHONE RON SCHROEDER 1-316-772-6020		
TICKET AMOUNT \$7,208.88	WELL TYPE 01			
WELL LOCATION LAND S. PROTECTION KS.	DEPARTMENT CEMENT	SAP BOND NUMBER 7521	Cement Surface Casing	
LEASE NAME WILLBANKS (2239801)	Well No. 33-1	SEC / TWP / RNG 33 - 33S - 19W	WELL FACILITY (CLOSEST TO WELL SITE) LIBERAL KS	

MCS EMP NAME / EMP # (EXPOSURE HOURS)	HRS	MCS	MCS	MCS
Davis, T 106304	6.0			
Harper, K 241985	6.0			
Marquez, J A 260448	6.0			

H.E.S. UNIT # (R/T MILES)	R/T MILES	R/T MILES	R/T MILES	R/T MILES
10219237	120			
53777-75821	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
	11/12/2002	11/12/2002	11/12/2002	11/12/2002
Time	1230	1530	1930	2030

Type and Size	Qty	Make
Float Collar INSERT	1	HOWCO
Float Shoe FILL	1	HOWCO
Centralizers S-4	2	HOWCO
Top Plug 5W	1	HOWCO
HEAD PC	1	HOWCO
Limit clamp		
Weld A		
Guide Shoe		
BTM PLUG BASKET	1	HOWCO

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	NEW	24.0	8 5/8		KB	670	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			12 1/4				Shots/FT.
Perforations							
Perforations							
Perforations							

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	
Perfoac Balls	Qty.	
Other		
Other		
Other		
Other		

Hydraulic Horsepower		Average Rate in BPM		Cement Surface Casing
Date	Hours	Date	Hours	
11/12		11/12		

Ordered _____ Available _____ Used _____
 Treating _____ Disposition _____ Overall _____
 Feet 44 Reason _____ SHOE JOINT

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq	Yield	Lbs/Gal
1	140	MIDCON C		3% CC - 1/2# FLOCELE	20.47	3.27	11.10
2	100	PREM PLUS		2% CC - 1/4# FLOCELE	6.51	1.34	14.80
3							
4							

Circulating _____	Displacement _____	Preflush: BBI _____	Type: _____
Breakdown _____	MAXIMUM _____	Load & Bkdn: Gal - BBI _____	Pad Bbl - Gal _____
Lost Returns _____	Lost Returns: _____	Excess / Return BBI _____	Calc. Disp Bbl _____
Cmt Rtn#Bbl _____	Actual TOC _____	Calc. TOC: _____	Actual Disp. _____ 40
Average _____	Frac. Gradient _____	Treatment Gal - BBI _____	Disp. Bbl _____
Shut In: Instant _____	5 Min. _____ 15 Min. _____	Cement Slurry BBI _____	
		Total Volume BBI _____	

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

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____

T.C. Jans
 SIGNATURE

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