

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 5663  
Name: Hess Oil Company  
Address: P. O. Box 1009  
City/State/Zip: McPherson, KS 67460  
Purchaser: NCRA  
Operator Contact Person: Bryan Hess  
Phone: (620) 241-4640  
Contractor: Name: Mallard JV, Inc.  
License: 4958  
Wellsite Geologist: James C. Hess

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  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>2-21-06</u>	<u>2-26-06</u>	<u>3-15-06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 195-22,330-00-00  
County: Trego

Approx. SW SW SW NE Sec. 23 Twp. 15 S. R. 23  East  West  
2460 feet from 8 N (circle one) Line of Section  
2450 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Shirley B Well #: 1

Field Name: Smoky Hill East

Producing Formation: Mississippi

Elevation: Ground: 2320' Kelly Bushing: 2325'

Total Depth: 4290' Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 212 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set 1700 Feet

If Alternate II completion, cement circulated from 1700'

feet depth to surface w/ 200 sx cmt.

Drilling Fluid Management Plan AH II NR  
(Data must be collected from the Reserve Pit)

11-10-08

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**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: Bryan Hess

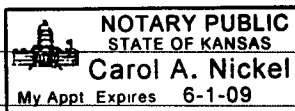
Title: President Date: 7-12-06

Subscribed and sworn to before me this 12<sup>th</sup> day of July

20 06

Notary Public: Carol A. Nickel

Date Commission Expires: 6-1-09



KCC Office Use ONLY

N Letter of Confidentiality Received

If Denied, Yes  Date: \_\_\_\_\_

\_\_\_\_\_ Wireline Log Received

\_\_\_\_\_ Geologist Report Received

\_\_\_\_\_ UIC Distribution

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Operator Name: Hess Oil Company Lease Name: Shirley B Well #: 1  
 Sec. 23 Twp. 15 S. R. 23  East  West County: Trego

**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 <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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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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	12-1/4"	8-5/8"	20#	212'	common	150	2% gel, 3% cc
production	7-7/8"	5-1/2"	14#	4279'	EA-2	150	
					& SMDC	200	

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

<b>TUBING RECORD</b>		Size <u>2-7/8"</u>	Set At <u>3425'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>4-3-06</u>		Producing Method <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. <u>10</u>	Gas Mcf	Water Bbls. <u>30</u>	Gas-Oil Ratio	Gravity <u>36</u>

Disposition of Gas  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval 4279'-4290'

*(If vented, Submit ACO-18.)*

# HESS OIL COMPANY

P.O. BOX 1009  
McPHERSON, KANSAS 67460-1009  
(620) 241-4640

## ACO-1 Completion Form Attachment

### Shirley B #1

Approx. SW SW SW NE

2460' FNL, 2450' FEL, Section 23-15-23W

Trego County, Kansas

API# 15-195-22330-00-00

Elevation: 2325' KB

<u>FORMATION</u>	<u>SAMPLE TOP</u>	<u>DATUM</u>
Anhydrite	1711'	(+614')
Base Anhydrite	1749'	(+576')
Heebner	3686'	(-1361')
Lansing	3721'	(-1396')
Stark Shale	3937'	(-1612')
Base Kansas City	3985'	(-1660')
Pawnee	4089'	(-1764')
Fort Scott	4184'	(-1859')
Cherokee Shale	4208'	(-1883')
Mississippi	4279'	(-1954')
RTD	4290'	(-1965')

DST #1: Depth: 4205' - 4290'

Times: 30-45-30-45

Blows: IF - 1/4" blow BOB in 13 min.  
ISI - no return  
FF - 1/4" blow BOB in 15 min.  
FS - surface blow built to 1/2" in 45 min.

Recoveries: 124' MCO (60% oil, 40% mud)  
311' MCGO (20% gas, 40% oil, 40% mud)  
186' GO (10% gas, 90% oil)  
30' Oil

Pressures: IH 2065#, IF 26-189#, ISI 1281#, FF 193-266#, FSI 1278#, FH 1999#

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# ALLIED CEMENTING CO., INC.

23504

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
Wess City

DATE <u>2-21-06</u>	SEC <u>23</u>	TWP. <u>15</u>	RANGE <u>23W</u>	CALLED OUT <u>3:30pm</u>	ON LOCATION <u>6:00pm</u>	JOB START <u>6:30pm</u>	JOB FINISH <u>7:00pm</u>
LEASE <u>Shigley</u>	WELL # <u>B-1</u>	LOCATION <u>Brownell - 1/2 west - 4 north</u>		COUNTY <u>1 rego</u>	STATE <u>KS</u>		
OLD OR <input checked="" type="radio"/> NEW (Circle one)		<u>1/4 west - 3 north - 1/8 west - south into</u>					

CONTRACTOR Mallard Oil

TYPE OF JOB Surface Pipe

HOLE SIZE 12 1/4 T.D. 212'

CASING SIZE 8 5/8 DEPTH 212'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. approx 15'

PERFS.

DISPLACEMENT 13006

EQUIPMENT

OWNER Yess Oil Co.

CEMENT

AMOUNT ORDERED 150 cu Common

390 c/c of 22 gal

COMMON	<u>150 cu</u>	@	<u>9.60</u>	<u>1440.00</u>
POZMIX		@		
GEL	<u>3 cu</u>	@	<u>15.00</u>	<u>45.00</u>
CHLORIDE	<u>5 cu</u>	@	<u>42.00</u>	<u>210.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>150 cu</u>	@	<u>1.70</u>	<u>258.60</u>
MILEAGE	<u>150 mi 07-22</u>	@		<u>243.32</u>
TOTAL				<u>2206.92</u>

PUMP TRUCK CEMENTER Jack

# 224 HELPER Jim

BULK TRUCK

# 260 DRIVER Terry

BULK TRUCK

# DRIVER

REMARKS:

Ran 7 hrs of 8 5/8 casg. Cement with 150 cu cement. Displace plug with 13 Gals of fresh water. Cement did circ. - Plug down @ 7:00pm

Thanks

CHARGE TO: Yess Oil Co.

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SERVICE

DEPTH OF JOB 212'

PUMP TRUCK CHARGE 735.00

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE 22 @ 5.00 110.00

MANIFOLD @ \_\_\_\_\_

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TOTAL 845.00

PLUG & FLOAT EQUIPMENT

<u>1-8 5/8 Wood</u>	@	<u>55.00</u>	<u>55.00</u>
	@		
	@		
	@		

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment



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



# Invoice

DATE	INVOICE #
2/27/2006	9683

BILL TO
Hess Oil Company PO Box 1009 McPherson, KS 67460-1009

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	B #1	Shirley	Trego	Mallard Drilling	Oil	Development	Cement 5-1/2" Pr...	Roger
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				30	Miles	4.00	120.00
579D	Pump Charge - Two-Stage				1	Job	1,600.00	1,600.00
580	Additional Hours (If Circulate More Than 1 Hour)				3	Hours	150.00	450.00
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	250.00	250.00T
417-5	5 1/2" D.V. Latch Down Plug & Baffle				1	Each	200.00	200.00T
408-5	5 1/2" D.V. Tool & Plug Set				1	Each	2,800.00	2,800.00T
409-5	5 1/2" Turbolizer				5	Each	78.00	390.00T
402-5	5 1/2" Centralizer				1	Each	60.00	60.00T
403-5	5 1/2" Cement Basket				1	Each	230.00	230.00T
281	Mud Flush				500	Gallon(s)	0.75	375.00T
221	Liquid KCL (Clayfix)				4	Gallon(s)	26.00	104.00T
325	Standard Cement				150	Sacks	9.60	1,440.00T
284	Calseal				7	Sack(s)	30.00	210.00T
283	Salt				700	Lb(s)	0.20	140.00T
285	CFR-1				70	Lb(s)	4.00	280.00T
276	Flocele				88	Lb(s)	1.25	110.00T
330	Swift Multi-Density Standard (MIDCON II)				200	Sacks	12.00	2,400.00T
581D	Service Charge Cement				350	Sacks	1.10	385.00
583D	Drayage				533.67	Ton Miles	1.00	533.67
	Subtotal							12,077.67
	Sales Tax Trego County						5.80%	521.36

1246  
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Thank You For Your Business!	Total	\$12,599.03
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**JOB LOG**

**SWIFT Services, Inc.**

DATE 7/27/06 PAGE NO. 1

CUSTOMER Hew Oil Co. WELL NO. B #1 LEASE Shirley JOB TYPE Long String TICKET NO. 9623

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	10:45							On Loc.
	12:20							Rig Laying Down Drill Pipe Start in hole with 5 1/2" 14# Csg. Insert Float Shoe 4279' Latch down Baffle 4262' Turbo. #1, #2, #3, #4, #5 Cent. # 61 Basket # 62 D.V tool Top #62 @ 1700'
	1410							Drop Ball
	1420							Circulate
	1440		12					Pump 500gal Mud Flush 20" 2% KCL Flush
		6						Mix 150sk FA-2 Cent
			36					Finished mixing wash out pump & line
	1455	6.8						Displ. Latch down Plug 60" H2O 44" Mud
			104				1500	Plug down 1500 pvt holding Release pressure Float held
	1515							Drop D.V. Opening Plug
	1520						1200	Open D.V. 1200 pvt Circulate till 1900
	1845	2	10/2					Plug RH+MH
	1853	4	0				150	start KCL Flush
	1857	4	20/0				150	start Cement 200sk-SMD
	1923		100					End Cement Drop Closing Plug
	1927	2.5	0				100	start Displacement
	1945		41.5				400/1200	Land Plug Release pressure Float held DV closed
								circ 30 bbl cement to pit
								Thanks you
								Nick, Roger, Josh & Brett

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