

JAN TO 2002

## KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

### **WELL COMPLETION FORM**

CONSERVATION DIVISION WELL HISTORY - DESCRIPTION OF WELL & LEASE

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5610	API No. 15 - 169-20317-00-00
Operator: License #	County: Saline
1704 Limestone Road	NW_NW_SWsec12_Twp15_s. R.1 East X West
Address: McPherson, Kansas 67460	2270 feet from (\$) / N (circle one) Line of Section
Purchaser: none	330 feet from E /(W) (circle one) Line of Section
Operator Contact Person: Lonny Bruce	Footages Calculated from Nearest Outside Section Corner:
Phone: (620) 241-2938	(circle one) NE SE NW (SW)
Contractor: Name: C&G Drilling Company, Inc	Lease Name: Mortimer Well #: 1
License: 32701	Field Name: Wildcat
Wellsite Geologist: James C. Hess	Producing Formation: NONE
Designate Type of Completion:	Elevation: Ground: 1251 Kelly Bushing: 1258
X New Well Re-Entry Workover	Total Depth: 2600 Plug Back Total Depth:
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 211 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Sigw Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	
Well Name:	feet depth to w/ sx cmt.  ALT IWHM 10-13-06
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan
Deepening Re-perf Conv. to Enhr./SWD	(Data must be collected from the Reserve Pit)  Chloride content < 400 ppm Fluid volume 600 bbls
Plug Back Plug Back Total Depth	
Commingled Docket No.	Dewatering method used evaporation
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
	Lease Name: License No.:
11-20-01 11-30-01 dry hole Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 1: 107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	2 months if requested in writing and submitted with the form (see rule 82-3- and geologist well report shall be attached with this form. ALL CEMENTING Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regula herein are complete and correct to the best of my knowledge.	te the oil and gas industry have been fully complied with and the statements
Signature: Johnsyrue	KCC Office Use ONLY
Title: Managing Partner Date: January 9, 2	2002
/	
Subscribed and sworn to before me this 9th day of Alencary	If Denied, Yes Date:
182002	Wireline Log Received
Notary Public: Bullin a. Talek	UIC Distribution
Date Commission Express 13-05  Notary Public - State of Kansas  My Appt. Express 12-13-05	

Operator Name:	Bruce Oil	Company	Lease	Name:	Mortim	er	Well #:1	•	
	_5 s. R1	East X West	County:		aline				
tested, time tool oper temperature, fluid rec	n and closed, flowing covery, and flow rates	nd base of formations pand shut-in pressures if gas to surface test, nal geological well site	, whether sho along with fir	ut-in pre	ssure reached s	static level, hydros	static pressur	es, bottom	n hole
Drill Stem Tests Take		Yes XNo		Lo	og Formatio	on (Top), Depth ar	nd Datum	∑ S	ample
Samples Sent to Geo	ological Survey	Yes XNo		Name			Тор		atum
Cores Taken		Yes XNo	i de la companya de l		nsing		L903 2269		45
Electric Log Run		Yes X No			se Kansa erokee S		2435	-1 C -1 1	
(Submit Copy) List All E. Logs Run:				Bur	gess Sa ssissipp	nd 2 i 2	2559 2565 2600	-13 -13 -13	301 301
		Report all strings set				ion, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weig Lbs./		Setting Depth	Type of Cement	# Sacks Used		nd Percent ditives
surface	1823/4	8 5/8	23		.211	ClassA	260	2% C	aCl
					V				
		ADDITIONA	L CEMENTIN	G / SQU	EEZE RECORD				
Purpose:  —— Perforate  —— Protect Casing  —— Plug Back TD  —— Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks I	Jsed		Type and Pe	ercent Additives	5	
Shoto Dor Foot	PERFORATIO	N RECORD - Bridge Plu	uas Set/Type		Acid. Frac	ture, Shot, Cement	Saueeze Reco	rd	
Shots Per Foot		potage of Each Interval Pe				nount and Kind of Mat			Depth
TUBING RECORD	Size	Set At	Packer At		Liner Run	Yes No			
Date of First, Resumed	Production, SWD or Enh	nr. Producing Met	thod	Flowing			Oth	er (Explain)	
Estimated Production Per 24 Hours	Oil B	bls. Gas	Mcf	Wate	r Bb	ols. Ga	as-Oil Ratio	***************************************	Gravity
Disposition of Gas	METHOD OF CO	DMPLETION			Production Interv	val			
Vented Sold	Used on Lease mit ACO-18.)	Open Hole Other (Spe		_ D	ually Comp.	Commingled			-

# SERVICE TICKET

# UNITED CEMENTING & ACID CO., INC. ORIGINAL

DOX 712	•	EL DORAL	DO, KANSAS 67042		PHONE AC 316-321-468
DATE _//- 3	the state of the s		COUNTY SAIZNE		
сн <b>с</b> . то: <u>В</u>	RUCE OZL	Co, Maria	ADDRESS		
CITY	The state of the s		STATE	7	IP
LEASE & WEL	LNO. MORTZA	mer #1	SEC. <u>12</u>	TWP/	
CONTRACTO	R CANS G	Dela	TIME ON LOCAT	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3
	NEW HOL				
SERVICE CHA	ARGE: 250	A. Marine Marine Marine	Adding the state of the state o	1 State of the sta	19.50
QUANTITY		MATERIAL USED			
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		A Suprant of the second	JAN 1 0 2002		
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94	BULK TRK. MILES	4.010mg.	ADELIAVITOR DIAIDION	21	3.20
94	PUMP TRK. MILES		grand the second of the second	18	8.00
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NONE	PLUGS			The state of the s	
	SALES TAX			· 自然的人。	
	TOTAL		The state of the s		
т. D. <u>2600</u>	2'		CSG. SET AT	VOLUI	ME
SIZE HOLE	A. (1987)	એક સ્કૃતિ કરી છે. કહેરી અને કર્યા છે. જ	TBG SET AT	VOLUI	
MAX. PRESS			SIZE PIPE 4		entity in a color of
PLUG DEPTH			PKER DEPTH		
PLUG USED _			TIME FINISHED 5	730pm	
REMARKS: 🍮	potted 35s	X 60/40 4%	Mt 250' VIA	-4" Derll	756
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ROB		Range Range			
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The same of the sa	CEMENTER OR TRE	ATER		OWNER'S REP	
				and the second of the second o	

# SERVICE TICKET ORIGINAL 3459 UNITED CEMENTING & ACID CO., INC.

BOX 712		EL DORADO, KANSAS 67042	PHONE AC 316-321-4680
DATE 11-21		COUNTY SAIZNE	
сна то: <u>В</u> р	ULF OZL CO.	ADDRESS	
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SERVICE CHA	RGE: <u>134 3 44 3 14 4 4 4 4 4 4 4 4 4 4 4 4 4 </u>		478,50
QUANTITY	MATERIAL	USED	
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2 sx	CAICZUM CHIORZDE	@pl, 10	59,20
S_SX	Cotton SEFD HUITS	100 HILD COLUDE	36,50
	85/8" BASILET		24ko. Py
	The state of the s	GOYLO RECEIVED	360,98
96	BULK TRK. MILES 13,25to	TANDAD COM CIVIL CONT.	340,40
76	PUMP TRK. MILES	FJAN 1 0 2002	192,00
1	PLUGS 8-78 TOP WOODE	A A STATE OF THE S	11209
	SALES TAX	CONSERVATION DIVIS	NUN 1-18 60
A-100-100-100-100-100-100-100-100-100-10	TOTAL		38-JD 18
T. D. 215		2,0	<u> </u>
SIZE HOLE	2/4/	CSG. SET AT 20.	VOLUME
	30 x 1 x 1 4 5 7 6 6 6 7 1 1 3 6 9 20 1 20 1 20 1 20 20 20 20 20 20 20 20 20 20 20 20 20	TBG SET ATSIZE PIPE & 5/\$	VOLUME
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PLUG USED	The second of th	PKER DEPTH	
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IN Sta	JES AND JOL CEMEN	A to SURFACE.	
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		Springer and the second of the	
NAME	· · · · · · · · · · · · · · · · · · ·	EQUIPMENT USED	
Gate	P-/5	IT NO. NAME	UNIT NO.
LOB'	B-3		
And the state of t	362 491	,	
	CEMENTER OR TREATER		WNFR'S REP

# RECEIVED HESS OIL COMPANY

ANSAS CORPORATION COMMISSION

225 N. Market, Suite 300 Wichita, Kansas 67202 ORIGINAL

FJAN 1 0 2002

(316) 263-2243

CONSERVATION DIVISION

GEOLOGICAL REPORT

MORTIMER #1

NW NW SW of

<u>SECTION 12 - 15S - 1W</u>

SALINE COUNTY, KANSAS

Commenced:

11-19-01

Elevations: 1251' GR, 1258' KB

Completed:

11-30-01

Surface Pipe: 8-5/8" @ 211' KB

Contractor: C & G Drilling Co.

Production Pipe: none

One foot drilling time was kept from 240' to 500' KB to look for shallow gas. One foot drilling time was also kept from 1800' to rotary total depth. Ten foot drilling samples were kept from 2300' to rotary total depth (wet & dry).

Following are sample tops, descriptions of zones of interest (including all shows of oil & gas), and the results of all drill stem tests.

LANSING

1903 ( -645)

BASE KANSAS CITY

2269 (-1011)

# **HESS OIL COMPANY**

225 N. Market, Suite 300 Wichita, Kansas 67202

(316) 263-2243

Mortimer #1 Page 2

CHEROKEE SHALE	2435 (-1177) NSAS CORPORATION COMMISSION
BURGESS SAND	2559 (-1301) JAN 1 0 2002
MISSISSIPPI	2565 (-1307) CONSERVATION DIVISION
2565-73' KB	Cream to white, very fine to finely crystalline, dense, dolomite. No show and no visible porosity.
2574-79' KB	White, very fine to finely crystalline, dense, dolomite. Very slight show of free oil in poor "on-edge" porosity, no odor, slight stain, and a weak cut.
2580-90' KB	White to cream, very finely crystalline, dense, dolomite. Very slight show of free oil in very poor "on-edge" porosity, no odor, very slight stain, and a very weak cut. (2 pieces in tray)
2590-2600' KB	White to cream, very fine to finely crystalline, dense, dolomite. No show in poor to fair "on-edge" porosity. (some dead oil stain)
ROTARY TOTAL DEPTH	2600 (-1342)

Some weak (slight) shows were found where oil had passed through the well bore and were trapped in tight, very poor porosity. No good free oil shows were found. Due to the low structural position, it was decided to plug the Mortimer #1. logs were run, since the only shows were encountered at a poor structural datum in the Miss. and all tops were easy to pick.

C. Hess Geologist