

Operator Name: Bruce Oil Company Lease Name: Mortimer Well #: 1
 Sec. 12 Twp. 15 S. R. 1 East West County: Saline

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 Formation (Top), Depth and Datum Sample

Name	Top	Datum
Lansing	1903	-645
Base Kansas City	2269	-1011
Cherokee Shale	2435	-1177
Burgess Sand	2559	-1301
Mississippi	2565	-1301
RTD	2600	-1342

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 3/4	8 5/8	23	211	Class A	260	2% CaCl

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(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, Resumed 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 _____

SERVICE TICKET

3462

UNITED CEMENTING & ACID CO., INC. ORIGINAL

BOX 712

EL DORADO, KANSAS 67042

PHONE AC 316-321-4680

DATE 11-30-01 COUNTY SALINE
 CHG. TO: BEVIE OZL CO. ADDRESS _____
 CITY _____ STATE _____ ZIP _____
 LEASE & WELL NO. MORTIMER #1 SEC. 12 TWP. 15 RNG. 1W
 CONTRACTOR CANDG DRIG TIME ON LOCATION 3:45 PM
 KIND OF JOB NEW HOLE Plug
 SERVICE CHARGE: 250'

472.50

QUANTITY	MATERIAL USED	TYPE	
75SX	60/40 po2	@ 4.80	300.00
3SX	951	@ 9.50	28.50
RECEIVED			
KANSAS CORPORATION COMMISSION			
JAN 10 2002			
78SX	BULK CHARGE		73.32
94	BULK TRK. MILES <u>4.0 tons</u>	CONSERVATION DIVISION	213.20
94	PUMP TRK. MILES		188.00
NONE	PLUGS		
	SALES TAX		
	TOTAL		

T. D. 2600' CSG. SET AT _____ VOLUME _____
 SIZE HOLE _____ TBG SET AT _____ VOLUME _____
 MAX. PRESS. _____ SIZE PIPE 4" Drill pipe
 PLUG DEPTH _____ PKER DEPTH _____
 PLUG USED _____ TIME FINISHED 5:30 pm

REMARKS: Spotted 35SX 60/40 4% at 250' via 4" Drill pipe.
Pulled up to 60' maxed and pumped 25SX circulated cement
to surface, mixed and pumped 15 SX to the R&H hole.

EQUIPMENT USED

NAME	UNIT NO.	NAME	UNIT NO.
<u>Greg</u>	<u>P-15</u>		
<u>Rob</u>	<u>B-1</u>		
<u>[Signature]</u>	<u>#191</u>		

CEMENTER OR TREATER

OWNER'S REP

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

BOX 712

EL DORADO, KANSAS 67042

PHONE AC 316-321-4680

DATE 11-20-01 COUNTY SAIZNE

CHG. TO: BRUCE OZL CO. ADDRESS _____

CITY _____ STATE _____ ZIP _____

LEASE & WELL NO. _____ SEC. 12 TWP. 15 RNG. 1w

CONTRACTOR CAND G. DELG. TIME ON LOCATION 12:00 A.M.

KIND OF JOB SURFACE CASING

SERVICE CHARGE: _____ 472.50

QUANTITY	MATERIAL USED	TYPE	
260SX	CLASS A	② 5.84	1508.09
2SX	CALCIUM CHLORIDE	② 26.10	52.20
5SX	COTTON SEED HULLS	② 11.40 per 100#	310.50
1	8 5/8" BASKET		246.00
267SX	BULK CHARGE	② 94.5 RECEIVED	250.98
96	BULK TRK. MILES	13.25 miles	890.40
96	PUMP TRK. MILES		192.00
		JAN 10 2002	
1	PLUGS 8 5/8" Top WOODEN	CONSERVATION DIVISION	43.00
	SALES TAX		178.60
	TOTAL		3870.18

T. D. 215'

SIZE HOLE 12 1/4"

MAX. PRESS. _____

PLUG DEPTH 192'

PLUG USED 8 5/8" Top WOODEN

REMARKS: LOADED CASING, MIXED AND PUMPED 150SX CLASS A WITH 150#
COTTON SEED HULLS. SHUT DOWN. RELEASED PLUG AND DISPLACED DOWN
TO 192', SHUT WELL IN. OPEN ENDED 110SX CLASS A 100# HULLS
IN STAGES AND 90L CEMENT TO SURFACE.

CSG. SET AT 203' VOLUME _____

TBG SET AT _____ VOLUME _____

SIZE PIPE 8 5/8"

PKER DEPTH _____

TIME FINISHED _____

EQUIPMENT USED

NAME	UNIT NO.	NAME	UNIT NO.
<u>GREG</u>	<u>P-15</u>		
<u>ROB</u>	<u>B-3</u>		
<u>[Signature]</u>	<u>#91</u>		

CEMENTER OR TREATER

OWNER'S REP

RECEIVED
KANSAS CORPORATION COMMISSION

HESS OIL COMPANY

225 N. Market, Suite 300
Wichita, Kansas 67202

ORIGINAL

JAN 10 2002

(316) 263-2243

CONSERVATION DIVISION

GEOLOGICAL REPORT

MORTIMER #1

NW NW SW of

SECTION 12 - 15S - 1W

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.

<u>LANSING</u>	<u>1903</u>	<u>(-645)</u>
<u>BASE KANSAS CITY</u>	<u>2269</u>	<u>(-1011)</u>

HESS OIL COMPANY

225 N. Market, Suite 300
Wichita, Kansas 67202

(316) 263-2243

Mortimer #1
Page 2

<u>CHEROKEE SHALE</u>	<u>2435</u>	<u>(-1177)</u>
<u>BURGESS SAND</u>	<u>2559</u>	<u>(-1301)</u>
<u>MISSISSIPPI</u>	<u>2565</u>	<u>(-1307)</u>

RECEIVED
KANSAS CORPORATION COMMISSION

JAN 10 2002

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)

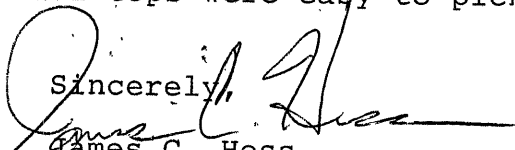
2590-2600' KB

White to cream, very fine to finely crystalline, dense, dolomite. No show in poor to fair "on-edge" porosity.
(some dead oil stain)

<u>ROTARY TOTAL DEPTH</u>	<u>2600</u>	<u>(-1342)</u>
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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. No logs were run, since the only shows were encountered at a poor structural datum in the Miss. and all tops were easy to pick.

Sincerely,


James C. Hess
Geologist