



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., 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 Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____-_____-_____- Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1053884

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, 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 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Hess Oil Company
Well Name	VELMA UNIT 1
Doc ID	1053884

Tops

Name	Top	Datum
Anhydrite	1414	+768
Base Anhydrite	1449	+733
Heebner	3549	-1367
Lansing	3587	-1405
Base Kansas City	3861	-1679
Pawnee	3946	-1764
Fort Scott	3992	-1810
Arbuckle	4057	-1875
RTD	4100	-1918



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Hess Oil Co
Box 1009
McPherson Ks 67460
ATTN: Jamie Hess

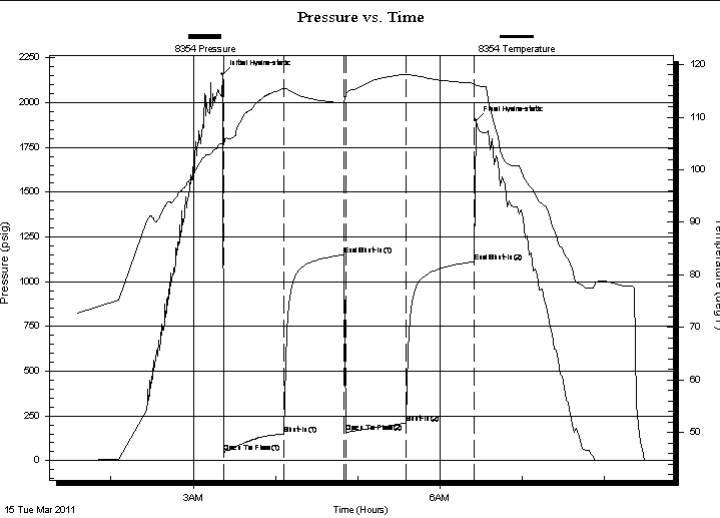
Velma # 1
13-17-20-Rush-Ks
Job Ticket: 041700 **DST#: 1**
Test Start: 2011.03.15 @ 01:25:39

GENERAL INFORMATION:

Formation: **Cher**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:22:19
Time Test Ended: 08:29:39
Interval: **3990.00 ft (KB) To 4020.00 ft (KB) (TVD)**
Total Depth: 4020.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Dan Bangle
Unit No: 38
Reference Elevations: 2185.00 ft (KB)
2180.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8354 Inside
Press @ Run Depth: 209.32 psig @ 3991.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.03.15 End Date: 2011.03.15 Last Calib.: 2011.03.15
Start Time: 01:35:39 End Time: 08:29:39 Time On Btm: 2011.03.15 @ 03:21:19
Time Off Btm: 2011.03.15 @ 06:26:09

TEST COMMENT: IF- Weak building to 5"
FF-Weak building to 2"
Times[45-45-45]



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2157.89	105.18	Initial Hydro-static
1	44.91	104.69	Open To Flow (1)
45	149.64	115.42	Shut-In(1)
89	1150.05	112.69	End Shut-In(1)
91	160.22	114.39	Open To Flow (2)
134	209.32	118.09	Shut-In(2)
184	1111.36	116.43	End Shut-In(2)
185	1901.00	116.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
360.00	Mdy Wtr	2.84

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Hess Oil Co
Box 1009
McPherson Ks 67460
ATTN: Jamie Hess

Velma # 1
13-17-20-Rush-Ks
Job Ticket: 041700 **DST#: 1**
Test Start: 2011.03.15 @ 01:25:39

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	50000 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.98 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

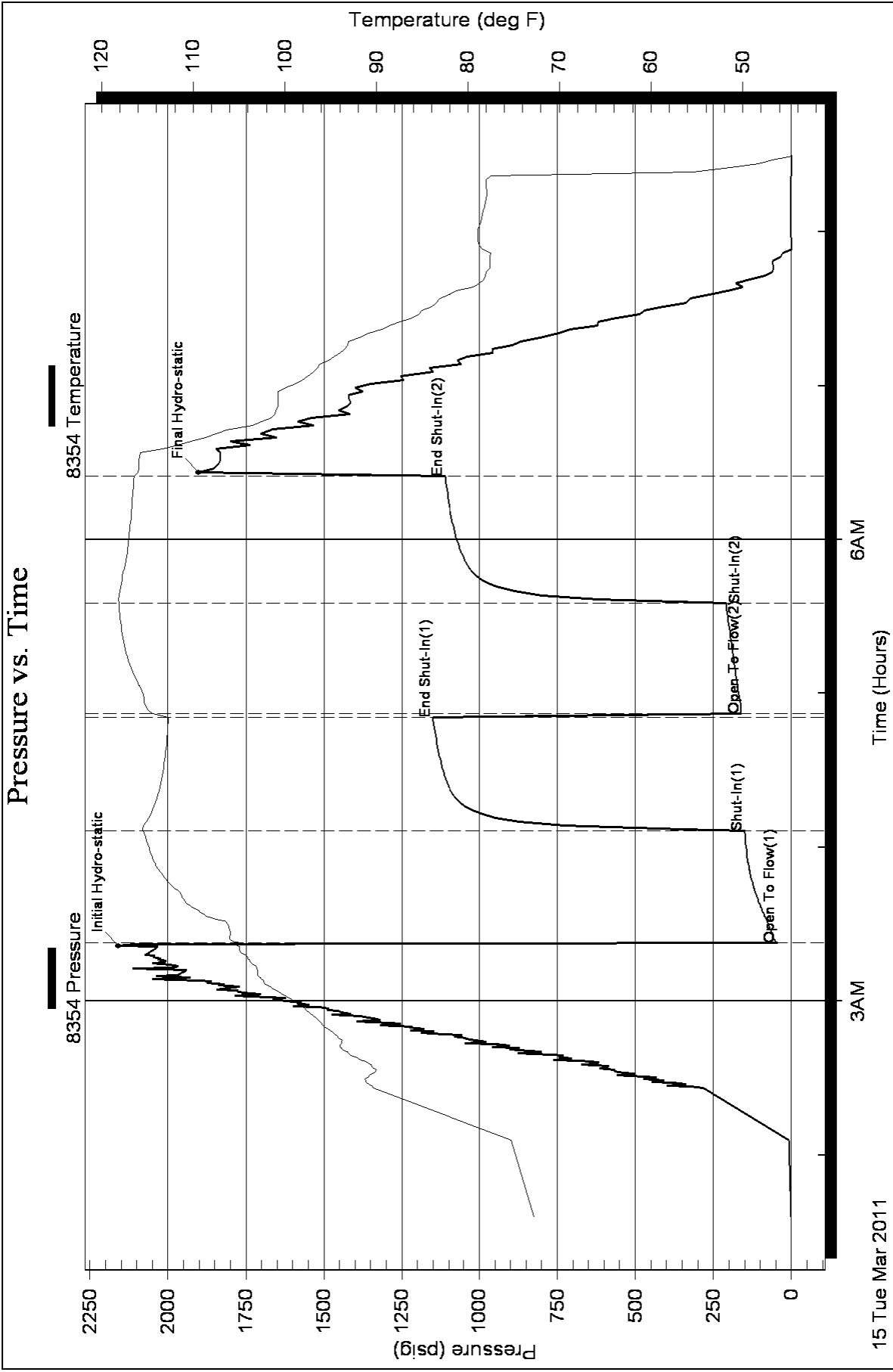
Length ft	Description	Volume bbl
360.00	Mdy Wtr	2.836

Total Length: 360.00 ft Total Volume: 2.836 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: Rw .17 @ 60 = 50000ppm



HESS OIL COMPANY

225 N. Market, Suite 300

Wichita, Kansas 67202

(316) 263-2243

GEOLOGICAL REPORT

VELMA #1

145' FSL, 2600' FEL of

SECTION 13 - 17S - 20W

RUSH COUNTY, KANSAS

Commenced: 3-9-11

Surface Pipe: 8-5/8" @ 225' KB

Completed: 3-15-11

Production Pipe: none

Contractor: Mallard J.V.

Elevations: 2177' GR, 2182' KB

One foot drilling time was kept from 1400 to 1480' KB and from 3400' to rotary total depth. Ten foot drilling samples (wet & dry) were kept from 3500' to RTD.

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

<u>ANHYDRITE</u>	<u>1414</u>	<u>(+768)</u>
<u>BASE ANHYDRITE</u>	<u>1449</u>	<u>(+733)</u>
<u>HEEBNER</u>	<u>3549</u>	<u>(-1367)</u>
<u>LANSING</u>	<u>3587</u>	<u>(-1405)</u>
<u>BASE KANSAS CITY</u>	<u>3861</u>	<u>(-1679)</u>

HESS OIL COMPANY

225 N. Market, Suite 300

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Velma #1
Page 2

PAWNEE 3946 (-1764)

FORT SCOTT 3992 (-1810)

4012-14' KB Clear, medium to large grained, poorly sorted,
poorly rounded, sandstone clusters and loose
and 4016-19' KB grains. Fair show of free oil in poor to
fair porosity, no odor, good stain and a
strong cut.

DRILL STEM TEST #1 3990 to 4020' KB 30' Anchor

Blow: slow build to 5". 2nd - very slow build to 2".

Times: Open 45, Closed 45, Open 45, Closed 45.

Recovered: 360' Mud Cut SW (chlorides 50,000ppm)

Pressures: IH 2157# IF 44 - 149# ISIP 1150#
FH 1901# FF 160 - 209# FSIP 1111#

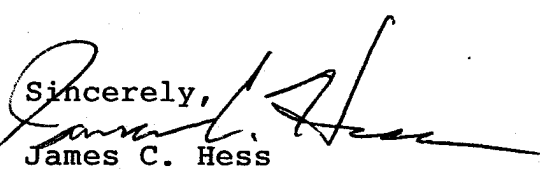
4021-26' KB Clear, medium grained, fairly sorted, fairly
rounded, sandstone clusters & loose grains.
Weak show of free oil in fair intergranular
porosity, no odor, fair stain, and a weak
cut. (some barren porosity)

ARBUCKLE 4057 (-1875)

ROTARY TOTAL DEPTH 4100 (-1918)

A full set of logs were run on the Velma #1 including, Dual Induction, Dual Compensated Porosity, and Sonic. Since the only untested oil shows occurred within 6' below DST #1 -- it was decided to plug the Velma #1.

Sincerely,


James C. Hess
Geologist

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG


COMPANY <u>HESS OIL COMPANY</u> LEASE <u>VELMA #1</u> FIELD <u>- WILDCAT -</u> LOCATION <u>145' FSL, 2600' FEL</u> SEC <u>13</u> TWSP <u>17 S</u> RGE <u>20 W</u> COUNTY <u>RUSH</u> STATE <u>KANSAS</u>	ELEVATIONS KB <u>2182'</u> DF <u>2180'</u> GL <u>2177'</u> Measurements Are All From <u>KB</u>
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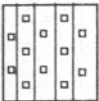
CONTRACTOR <u>MALLARD J.V.</u> SPUD <u>3-9-11</u> COMP <u>3-15-11</u> RTD <u>4100'</u> LTD <u>4098'</u> MUD UP <u>3450'</u> TYPE MUD <u>CHEMICAL</u>	CASING SURFACE <u>8-5/8" at 225'</u> PRODUCTION <u>none</u> ELECTRICAL SURVEYS DUAL INDUCTION NEUTRON & SONIC
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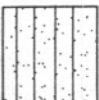
SAMPLES SAVED FROM	<u>3500'</u>	TO <u>T D</u>
DRILLING TIME KEPT FROM	<u>3400'</u>	TO <u>T D</u>
SAMPLES EXAMINED FROM	<u>3500'</u>	TO <u>T D</u>
GEOLOGICAL SUPERVISION FROM	<u>3700'</u>	TO <u>T D</u>
GEOLOGIST ON WELL <u>JAMES C. HESS</u>		

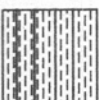
FORMATION TOPS	LOG	SAMPLES																	
ANHYDRITE		1414 (+768)	<div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: center; margin-right: 10px;">20 W</div> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> <tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> <tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;">13</td><td style="width: 20px; height: 20px;"></td></tr> <tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> </table> <div style="text-align: center; margin-left: 10px;">17 S</div> </div>											13					
		13																	
BASE ANHYDRITE		1449 (+733)																	
HEEBNER		3549 (-1367)																	
LANSING		3587 (-1405)																	
BASE KANSAS CITY		3861 (-1679)																	
PAWNEE		3946 (-1764)																	
FORT SCOTT		3992 (-1810)																	
ARBUCKLE		4057 (-1875)																	
RTD		4100 (-1918)																	


LEGEND

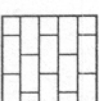
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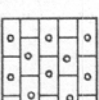
Anhydrite
- 

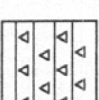
Salt
- 


Sandstone
- 

Shale
- 

Carb sh
- 

Limestone
- 



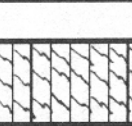
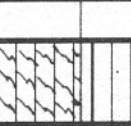


Ool. Lime
- 

Chert
- 

Dolomite

SCALE " = 100'

LOG 7703

Lithology	Drilling time in minutes	DEPTH	Sample Description	Remarks, drill stem tests, etc.
	0	1400		
	0	20		ANHYDRITE 1414 (+768)
	0	40		
	0	60		BASE ANHYDRITE 1449 (+733)
	0	80		
	0	3400		

3400

20

40

60

80

3500

20

40

60

WT - Low VF-Fair DS sl chalky Lm
P/S w/ chalky Lm
Some green to Red sh's

AA w/ less sh's
No D
No show

WT - Fair VF-Fair sl chalky Lm
w/ P/S w/ chalky Lm
Some green to Red sh's

Lm - Fair VF-Fair sl chalky Lm
w/ P/S w/ chalky Lm
Some green to Red sh's

AA w/ more sh's
No D
No show

R1 Carb. sh's
WT - Fair VF-Fair sl chalky Lm
w/ P/S w/ chalky Lm
Red green to Red sh's

HEEBNER 3549 (-1367)

LANSING 3587 (-1405)

60 w/pe's w/ chalky lm
few green + red sh's
Lm - Tan VF-Fxlm sl chalky lm
w/pe's w/ chalky lm
few green + red sh's

80 Lm - Tan VF-Fxlm sl chalky lm
w/pe's w/ chalky lm
Some green + red sh's
AA w/ more sh's NO B
NO SHOW

3600 w/pe's w/ grey VF-Fxlm DS Lm
w/pe's w/ chalky lm
Some green + red sh's
AA w/ less sh's
Some barrel B
NO SHOW

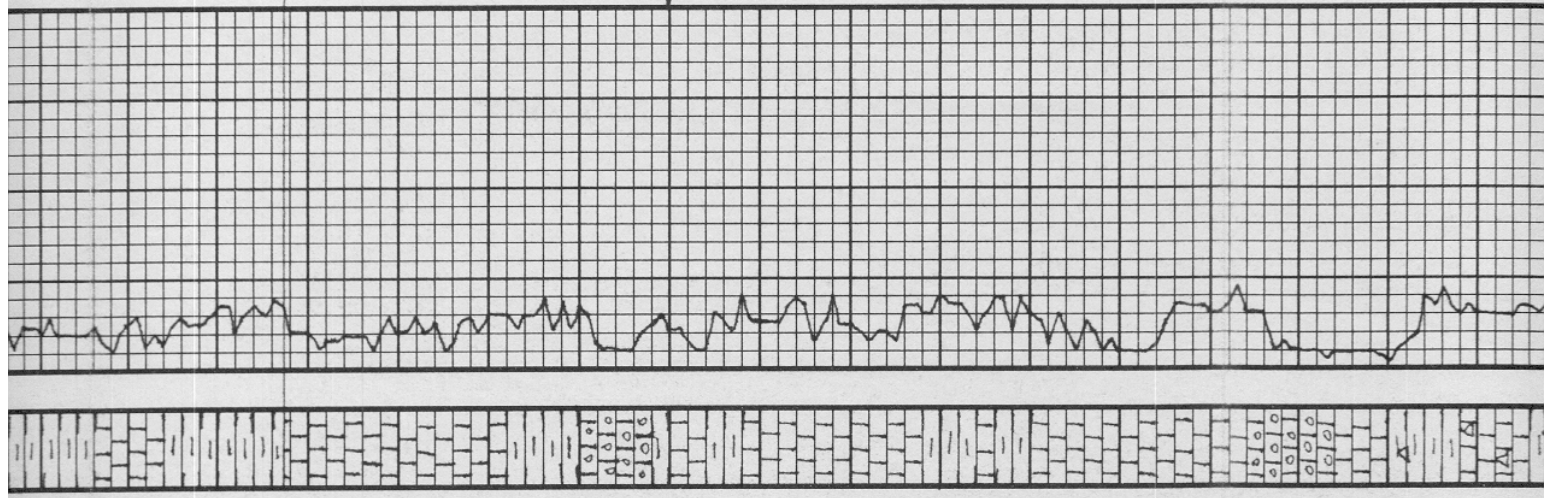
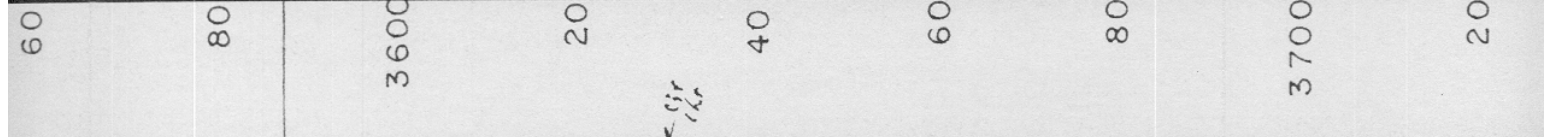
20 Lm - Tan VF-Fxlm sl chalky lm
w/pe's w/ chalky lm
Some green + red sh's
Tan dolitic calcareous
F-main Lm
F-xlm B
NO SHOW

40 w/pe's w/ grey VF-Fxlm DS Lm
w/pe's w/ chalky lm
Some green + red sh's
AA w/ less sh's NO SHOW

60 Lm - grey VF-Fxlm DS Lm
w/pe's w/ chalky lm
Few green + red sh's
AA w/ more sh's NO B
NO SHOW

80 w/pe's w/ grey VF-Fxlm DS Lm
w/pe's w/ chalky lm
Few green + red sh's
Tan dolitic F-main Lm
Good B
NO SHOW

3700 Lm - Tan VF-Fxlm DS Lm
w/pe's w/ chalky lm
Some green + red sh's
AA w/ more sh's NO B



← 60
1hr

Crm - Tad F-maxim colicastic Lm
 Good p
 NO SHOW
 WT - Tad VF-Fxlm DS Lm
 w/PC's VC Sharp A
 Some green + Red sh's
 AA w/ more sh's
 NO B
 NO SHOW
 Crm - Grey VF-Fxlm Sl Foss. Lm
 w/PC's VC Sharp A
 Some green + Red sh's
 WT - 17 Grey VF-Fxlm DS Lm
 w/ some WT chalky Lm
 Few green + Red sh's
 AA w/ more sh's
 NO B
 NO SHOW
 Crm - Tad VF-Fxlm Sl Foss. Lm
 w/PC's VC Sharp A
 Few green + Red sh's
 Crm - Tad colicastic Lm
 Fair p
 No show
 WT - Tad VF-Fxlm DS Lm
 w/PC's VC Sharp A
 Few sh's some green sh's
 AA w/ more sh's
 NO B
 NO SHOW
 Crm - Tad F-maxim colicastic Lm
 Fair p
 NO SHOW
 WT - Grey Fxlm DS Lm
 w/PC's WT chalky Lm
 Some green + Red sh's
 WT - Tad VF-Fxlm DS Lm
 w/PC's VC Sharp A
 Some green sh's
 Crm - Tad VF-Fxlm Lm
 w/PC's VC Sharp A
 Few green + Red sh's
 AA w/ less sh's
 NO B
 NO SHOW
 WT - 17 Grey VF-Fxlm DS Lm
 w/PC's WT chalky Lm
 Few green sh's
 mostly Red + green sh's
 some WT - 17 Good VF-Fxlm Lm
 w/PC's WT chalky Lm
 AA w/ more sh's

20

40

60

80

3800

20

40

60

BASE KANSAS CITY 3861

(-1679)

(-1679)

Mostly Red + Green sh's
Some wt. in grey VF-Fx/Lm
w/pc's wt chalky Lm

60

AAA w/more sh's NO P
NO SLOW

80

Lm - Tan VF/Lm sl chalky Lm
Some v.c. sharp Δ's
Some green + Red sh's

AA w/more sh's NO P
NO SHOW

3900

Lm - Lt grey VF-Fx/Lm Lm
Some v.c. sharp Δ's
Some green + Red sh's

20

AA w/more orange Δ's
NO P
NO SHOW

WT - grey VF-Fx/Lm Δ's Lm
w/Some v.c. sharp Δ's
Some green + Red sh's

40

WT - Lt grey VF-Fx/Lm Δ's Lm
w/Some v.c. sharp Δ's
Some Red + Green sh's

40

AA w/more sh's NO P
NO SHOW

WT - Lt grey VF-Fx/Lm Δ's Lm
w/Some v.c. sharp Δ's
Some Red + Green sh's

60

WT - Lt grey VF-Fx/Lm Δ's Lm
w/Some v.c. sharp Δ's
Some Red + Green sh's

60

WT - grey VF-Fx/Lm Δ's Lm
w/Some v.c. sharp Δ's
Some Red + Green sh's

WT - grey VF-Fx/Lm Δ's Lm
w/Some v.c. sharp Δ's
Some Red + Green sh's

80

WT - grey VF-Fx/Lm Δ's Lm
w/Some v.c. sharp Δ's
Some Red + Green sh's

80

WT - grey VF-Fx/Lm Δ's Lm
w/Some v.c. sharp Δ's
Some Red + Green sh's

WT - grey VF-Fx/Lm Δ's Lm
w/Some v.c. sharp Δ's
Some Red + Green sh's

4000

WT - grey VF-Fx/Lm Δ's Lm
w/Some v.c. sharp Δ's
Some Red + Green sh's

20

WT - grey VF-Fx/Lm Δ's Lm
w/Some v.c. sharp Δ's
Some Red + Green sh's

WT - grey VF-Fx/Lm Δ's Lm
w/Some v.c. sharp Δ's
Some Red + Green sh's

4000

WT - grey VF-Fx/Lm Δ's Lm
w/Some v.c. sharp Δ's
Some Red + Green sh's

20

WT - grey VF-Fx/Lm Δ's Lm
w/Some v.c. sharp Δ's
Some Red + Green sh's

WT - grey VF-Fx/Lm Δ's Lm
w/Some v.c. sharp Δ's
Some Red + Green sh's

4000

WT - grey VF-Fx/Lm Δ's Lm
w/Some v.c. sharp Δ's
Some Red + Green sh's

20

WT - grey VF-Fx/Lm Δ's Lm
w/Some v.c. sharp Δ's
Some Red + Green sh's

WT - grey VF-Fx/Lm Δ's Lm
w/Some v.c. sharp Δ's
Some Red + Green sh's

4000

WT - grey VF-Fx/Lm Δ's Lm
w/Some v.c. sharp Δ's
Some Red + Green sh's

20

WT - grey VF-Fx/Lm Δ's Lm
w/Some v.c. sharp Δ's
Some Red + Green sh's

WT - grey VF-Fx/Lm Δ's Lm
w/Some v.c. sharp Δ's
Some Red + Green sh's

4000

WT - grey VF-Fx/Lm Δ's Lm
w/Some v.c. sharp Δ's
Some Red + Green sh's

20

WT - grey VF-Fx/Lm Δ's Lm
w/Some v.c. sharp Δ's
Some Red + Green sh's

PAWNEE 3946 (-1764)

Short Trip

FORT SCOTT 3992 (-1810)

DST #1

3990 - 4020' KB

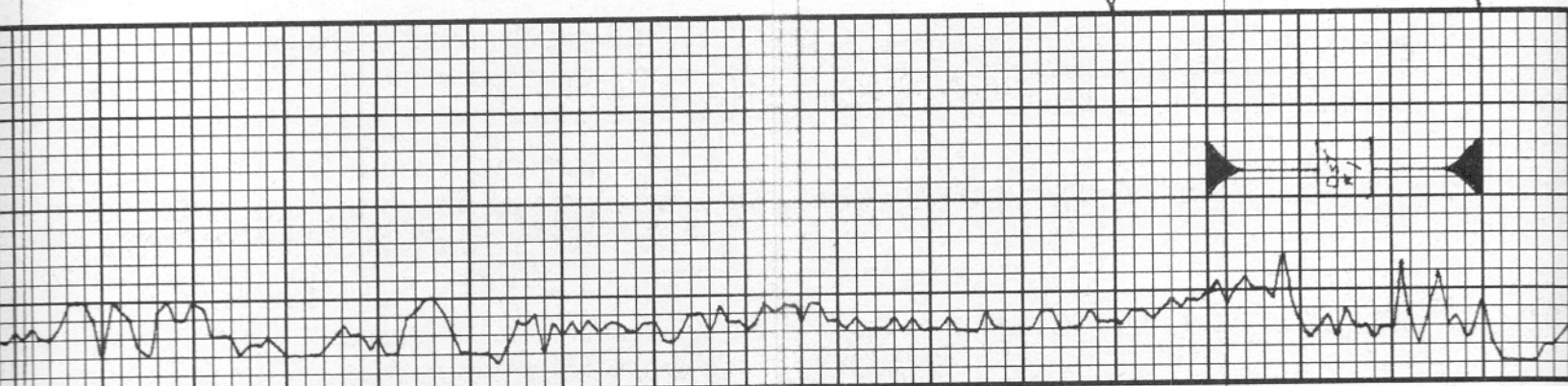
30' ANCHOR

TIMES:

45-45-45-45

RECOVERED:

360' mcs w



DST #1

TIMES:
45-45-45-45

RECOVERED:
360' MC SW

PRESSURES:
IH 2157 #
FA 1901 #
IF 44-149 #
FF 160-209 #
ISIP 1150 #
F5IP 1111 #

ARBUCKLE 4057 (-1875)

RTD 4100 (-1918)

Fail show of free oil in
Clear M.G. SS clasters
& loose grains. No odor

Weak show of free oil in
Clear M.G. SS cluster & loose
grains. Some V.C. sharp sh's

Mostly Red sh's (some green)
Some V.C. sharp & weathered sh's
Some WT-Grey vein DS below
NO SHOW

CRN-Grey FINE Dolomitic Lm
w/ PC's V.C. sharp & weathered sh's
Few Red & Green sh's NO SHOW

MA w/ less sh's NO SHOW

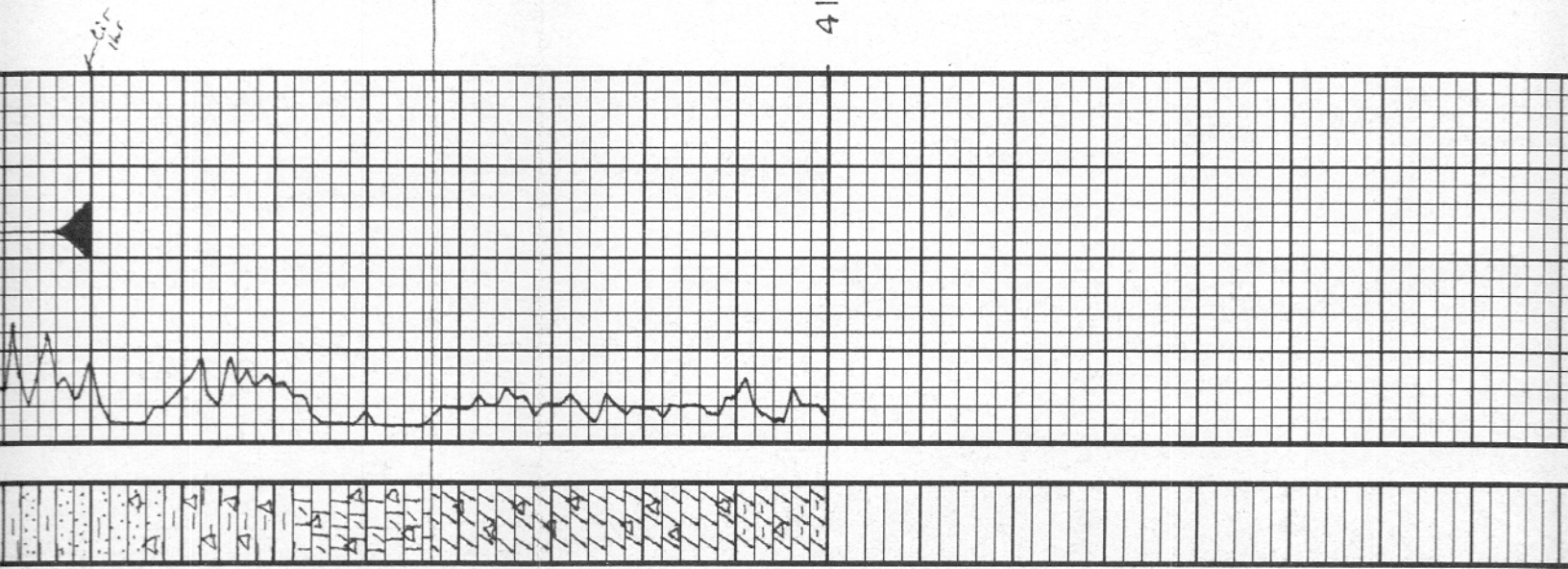
WT-Grey F-Mx/M DS Dolo.
PC's V.C. sharp & weathered sh's
Few Green & Red sh's NO SHOW

WT-Grey F-Mx/M DS Dolo.
PC's V.C. sharp & weathered sh's
Few sh's V. Red & W. NO SHOW

WT-Grey - TAN F-Mx/M DS Dolo.
Some WT - Orange sharp sh's
Few sh's

WT-TAN - Grey F-Mx/M DS Dolo.
PC's WT - Orange sharp sh's
Few Green sh's

20
40
60
80
4100
20
40
60
80



ALLIED CEMENTING CO., LLC. 038722

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Great Bend

DATE <u>3-9-11</u>	SEC. <u>13</u>	TWP. <u>17</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START <u>8:30 pm</u>	JOB FINISH <u>9:00 pm</u>
LEASE <u>Uelma</u>	WELL # <u>1</u>	LOCATION <u>Hargrove 2 1/2 west TO 150 RD</u>			COUNTY <u>Rush</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<u>North TO J RD East into</u>				

CONTRACTOR Mallard OWNER Hess

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 225 CEMENT

CASING SIZE 8 3/8 24# DEPTH 225 AMOUNT ORDERED 150 SX CLASS A 3% + 2% Gel

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM COMMON 150 @ 16.25 2,437.50

MEAS. LINE SHOE JOINT POZMIX @

CEMENT LEFT IN CSG. GEL @ 21.25 63.75

PERFS. CHLORIDE 5 @ 58.20 291.00

DISPLACEMENT 13.25 BBHs ASC @

EQUIPMENT @

PUMP TRUCK CEMENTER Wayne @

366 HELPER Bill @

BULK TRUCK @

341 DRIVER TWS @

BULK TRUCK @

DRIVER @

HANDLING 158 @ 2.25 355.50

MILEAGE 158 x 40 x .11 695.20

TOTAL 3842.95

REMARKS:

Pipe on Bottom B-cay
Circulate with Rig mud
Run 10 BBLS spacer
Mix 150 SX CLASS A 3% + 2% Gel
Displace 13.25 BBLS fresh water
Shut in
Cement did circulate

SERVICE

DEPTH OF JOB 225

PUMP TRUCK CHARGE 1125.00

EXTRA FOOTAGE @

MILEAGE Heavy 80 @ 7.00 560.00

MANIFOLD @

mileage light 80 @ 4.00 320.00

@

CHARGE TO: Hess oil company

TOTAL 2005.00

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

@

@

@

@

@

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment
and furnish cementer and helper(s) to assist owner or

ALLIED CEMENTING CO., LLC. 038777

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Great Bend KS

DATE <u>3-16-11</u>	SEC. <u>13</u>	TWP. <u>17</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START <u>200AM</u>	JOB FINISH <u>300 AM</u>
LEASE <u>Velma</u>	WELL # <u>1</u>	LOCATION <u>Handgave 3 west TO RD 150</u>			COUNTY <u>Rush</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>1 North TO J RD East TO</u>				

CONTRACTOR Mallard
 TYPE OF JOB Rotary Plug
 HOLE SIZE 7 7/8 T.D. 4100
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 DEPTH 1450
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

OWNER Hess
 CEMENT
 AMOUNT ORDERED 250Sx 60/40 4% 1/2 10
 COMMON 150 @ 16.25 2,437.50
 POZMIX 100 @ 8.50 850.00
 GEL 9 @ 21.25 191.25
 CHLORIDE @ _____
 ASC @ _____
Flow seal 62 @ 2.70 167.40
 @ _____
 @ _____
 @ _____
 @ _____
 @ _____
 HANDLING 261 @ 2.25 587.25
 MILEAGE 261x40x.11 1148.40

EQUIPMENT

PUMP TRUCK CEMENTER wayne
 # 366 HELPER Guez
 BULK TRUCK _____
 # 344 DRIVER Kevin
 BULK TRUCK _____
 # _____ DRIVER _____

TOTAL 5,381.80

REMARKS:

1st plug 1450 mix 50SX
2nd plug 600 mix 80SX
3rd plug 260 mix 50SX
4th plug 60 mix 20SX
5th plug Rat mix 30SX
6th plug mouse mix 20SX

SERVICE

DEPTH OF JOB 1450
 PUMP TRUCK CHARGE 1250.00
 EXTRA FOOTAGE @ _____
 MILEAGE 80 @ 7.00 560.00
 MANIFOLD @ _____
light touch mile 80 @ 4.00 320.00
 @ _____

CHARGE TO: Hess oil company
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL 2130.00

PLUG & FLOAT EQUIPMENT

@ _____
 @ _____
 @ _____
 @ _____
 @ _____

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment
 and furnish cementer and helper(s) to assist owner or