



KANSAS CORPORATION COMMISSION 1064558
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5663
Name: Hess Oil Company
Address 1: PO BOX 1009
Address 2: _____
City: MCPHERSON State: KS Zip: 67460 + 1009
Contact Person: Bryan Hess
Phone: (620) 241-4640
CONTRACTOR: License # 4958
Name: Mallard, J. V., Inc.
Wellsite Geologist: M. Bradford Rine
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 #: _____
8/9/2011 8/17/2011 8/18/2011
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-055-22112-00-00
Spot Description: _____
NE NE Sec. 25 Twp. 23 S. R. 30 East West
660 Feet from North / South Line of Section
660 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Finney
Lease Name: Shelly Well #: 1
Field Name: _____
Producing Formation: na
Elevation: Ground: 2793 Kelly Bushing: 2798
Total Depth: 4880 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 234 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: 0 ppm Fluid volume: 0 bbls
Dewatering method used: Evaporated
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: Deanna Gortner Date: 10/05/2011



1064558

Operator Name: Hess Oil Company Lease Name: Shelly Well #: 1
 Sec. 25 Twp. 23 S. R. 30 East West County: Finney

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 Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No

Electric Log Submitted Electronically Yes No
 (If no, Submit Copy)

List All E. Logs Run:

Dual Compensated Porosity
 Dual Induction
 Borehole Compensated Sonic

Log Formation (Top), Depth and Datum Sample

Name Top Datum
 Attached Attached Attached

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	# Sacks Used	Type and Percent Additives
Surface	12.25	8.625	20	234	common	150	2% gel, 3% cc

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 (Amount and Kind of Material Used)	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 Bbbs. Gas Mcf Water Bbbs. Gas-Oil Ratio Gravity

DISPOSITION OF GAS:

Vented Sold Used on Lease

(If vented, Submit ACO-18.)

METHOD OF COMPLETION:

Open Hole Perf. Dually Comp. Commingled
 (Submit ACO-5) (Submit ACO-4)
 Other (Specify) _____

PRODUCTION INTERVAL:

Form	ACO1 - Well Completion
Operator	Hess Oil Company
Well Name	Shelly 1
Doc ID	1064558

Tops

Anhydrite	1990	808
Base Anhydrite	2002	796
Heebner	3996	-1198
Toronto	4011	-1213
Lansing	4042	-1244
Stark Shale	4357	-1559
Base Kanssa City	4477	-1679
Marmaton	4530	-1732
Pawnee	4577	-1779
Cherokee Shale	4617	-1819
Morrow Shale	4729	-1931
Morrow Sand	4337	-1939
Miss (St. Gen.)	4744	-1946
St. Louis Porosity	4838	-2040
LTD	4875	-2077
RTD	4880	-2082

ALLIED CEMENTING CO., LLC. 037345

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

SERVICE POINT:
Great Bend, Kas

DATE <u>8-18-11</u>	SEC. <u>25</u>	TWP. <u>23S</u>	RANGE <u>30W</u>	CALLED OUT	ON LOCATION	JOB START <u>5:30pm</u>	JOB FINISH <u>6:30pm</u>
LEASE <u>Shelly</u>	WELL# <u>1</u>	LOCATION <u>vic. Kalvestades 156-23 n. Jct. Finney</u>			COUNTY <u>Finney</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one) <u>NEW</u>		<u>SW 25 SW. 1/4</u>					

CONTRACTOR Mallard Drilling #2 OWNER Hess Oil Co.

TYPE OF JOB <u>plug</u>	
HOLE SIZE <u>7 7/8</u>	T.D. <u>4880</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>227</u>
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2</u>	DEPTH <u>2000</u>
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>all</u>	
PERFS.	
DISPLACEMENT <u>Freshwater Drilling mud</u>	

EQUIPMENT	
PUMP TRUCK	CEMENTER <u>Bob Or.</u>
# <u>366</u>	HELPER <u>Doug K</u>
BULK TRUCK	
# <u>482-188</u>	DRIVER <u>Kevin W.</u>
BULK TRUCK	
#	DRIVER

REMARKS:
1st plug at 2000ft mud 50sa
2nd plug at 1132ft mud 80sa
3rd plug at 500ft mud 40sa
4th plug at 260ft mud 50sa
5th plug at 60ft mud 20sa
GRH mud 30sa
MH mud 20sa

CHARGE TO: Hess Oil Co.
 STREET _____
 CITY _____ STATE _____ ZIP _____

CEMENT	
AMOUNT ORDERED <u>290.62-60/40 490gel</u>	
<u>1/4 flo</u>	

COMMON <u>174</u>	@ <u>16.25</u>	<u>2,827.50</u>
POZMIX <u>116</u>	@ <u>8.50</u>	<u>986.00</u>
GEL <u>10</u>	@ <u>21.25</u>	<u>212.50</u>
CHLORIDE	@	
ASC	@	
<u>70.00 pads Flo Seal</u>	@ <u>2.70</u>	<u>189.00</u>
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING <u>302</u>	@ <u>2.25</u>	<u>679.50</u>
MILEAGE <u>100 302x50x.11</u>		<u>1,661.00</u>
		TOTAL <u>6,555.50</u>

SERVICE		
DEPTH OF JOB <u>7000</u>		
PUMP TRUCK CHARGE		<u>1250.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>HUM 100</u>	@ <u>7.00</u>	<u>700.00</u>
MANIFOLD	@	
<u>hvm 100</u>	@ <u>4.00</u>	<u>400.00</u>
	@	

TOTAL 2350.00

PLUG & FLOAT EQUIPMENT		
<u>wood plug</u>	@ <u>94.00</u>	<u>94.00</u>
	@	

M. Bradford Rine

Consulting Geologist, Licensed and Certified

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Shelly #1
Location: C - NE - NE, Section 25 - T23S - R30W
License Number: API #15-055-22112-00-00
Spud Date: August 09, 2011
Surface Coordinates: 660' FNL & 660' FEL
Region: Finney County, Kansas
Drilling Completed: August 18, 2011, P & A

Bottom Hole Vertical Test P & A
Coordinates:
Ground Elevation (ft): 2793 K.B. Elevation (ft): 2798
Logged Interval (ft): 3800 To: 4880 Total Depth (ft): RTD 4880 ft, LTD 4875 ft
Formation: Pennsylvanian (Topeka) to Mississippian (St. Louis)
Type of Drilling Fluid: Chemical

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

Operator

Company: HESS OIL COMPANY
Address: PO Box 1009
McPherson, Kansas 67460 + 1009

Geologist

Name: M. Bradford Rine
Company: Consulting Geologist, Kansas Lic. #204, Wyo #189, AAPG Cert. #2647
Address: 100 South Main, Suite #415
Wichita, Kansas 67202

Remarks

Based on sample observations, Drill Stem Test results, and electric log evaluation, it was the decision of the Operator to plug and abandon the "Shelly #1" on, August 18, 2011.

Respectfully submitted,
M. Bradford Rine, Consulting Geologist

Hess Oil Company KB 2798 Fl. Section 27 - T23S - R30W					Hess Oil Company "Old Paint #1" Section 36 - T23S - R30W
Formation:	Sample Top:	Datum:	Log Top:	Datum:	Comparison:
Anhydrite	1992	806	1990	808	-8
B/Anyhydrite	2004	794	2002	796	-8
Heebner	4000	-1202	3996	-1198	(+13)
Toronto	4015	-1217	4011	-1213	(+16)
Lansing	4052	-1254	4042	-1244	(+19)
Stark Sh	4364	-1566	4357	-1559	(+18)
B/Kansas City	4483	-1685	4477	-1679	(+24)
Marmaton	4541	-1743	4530	-1732	(+28)
Pawnee	4579	-1781	4577	-1779	(+25)
Cherokee Sh	4623	-1825	4617	-1819	(+24)
Morrow Sh	4730	-1932	4729	-1931	(+24)
Morrow Sd	4733	-1935	4337	-1939	No Clean Sand in Shelly #1
Miss (St. Gen.)	4749	-1951	4744	-1946	(+34)
St. Louis Porosity	4844	-2046	4838	-2040	No Porosity Break in Old Paint #1
Total Depth	4880	-2082	4875	-2077	NA * LTD 5 ft shallow to RTD

Drilling Information

Rig: Mallard JV, Inc. #2
Pump: Emsco D-375 6 x 14
Drawworks: Emsco BDW
Collars: 486' 2-1/4" x 6-1/4"
Drillpipe: 4-1/2" 16.6# XH
Toolpusher: Lavon Urban

Mud: Mudco (Justin Whiting)
Gas Detector: None
Drill Stem Tests: Trilobite (Will MacLean)
Logs: Log-Tech (C. Desaire)
Water: Well Drilled On Location

Company Representatives:
Office: Jim Hess
Field: None

Daily Drilling Status

Date: Morning Operations/Depth/Comments:
08-09-11 MIRT, RU, Spud 2:30 pm, set surf csg, pd @ 8:15 pm
08-10-11 Drilling @ 292 ft
08-11-11 Drilling @ 1945 ft
08-12-11 Drilling @ 2849 ft
08-13-11 Drilling @ 3452 ft
08-14-11 Drilling @ 4040 ft
08-15-11 Drilling @ 4475 ft
08-16-11 Drilling @ 4740 ft
08-17-11 Down For Repairs @ 4778 ft
08-18-11 Logging @ 4880', RTD. Done logging 10:15 AM.

Plugging Completed at 6:30 PM.

Casing Record, Bit Record, Deviation Surveys

CASING:

Conductor: None

Surface: Ran 5 jts 8-5/8" 20#, set at 234', cem/150 sx common
2% gel, 3% CC. CDC. PD at 8:15 pm

Production: None. P & A. Plugging completed by "Allied", as per orders by Lacey, KCC.

BITS:

No:	Size:	Make:	Type:	Depth In:	Depth Out:	Feet:	Hours:
1	12-1/4	HTC	RT	0	234	234	2
2	7-7/8	Smith	F27	234	4880	4646	133

DEVIATION SURVEYS:

Deviation:	Depth:	Deviation:	Depth:
3/4 *	234'		
1-1/2 *	4770'		
1-1/2 *	4880'		

Rock Types

Anhy	Clyst	Gyp	Mrlst	Shgy
Bent	Coal	Igne	Salt	Sltst
Brec	Congl	Lmst	Shale	Ss
Cht	Dol	Meta	Shcol	Till

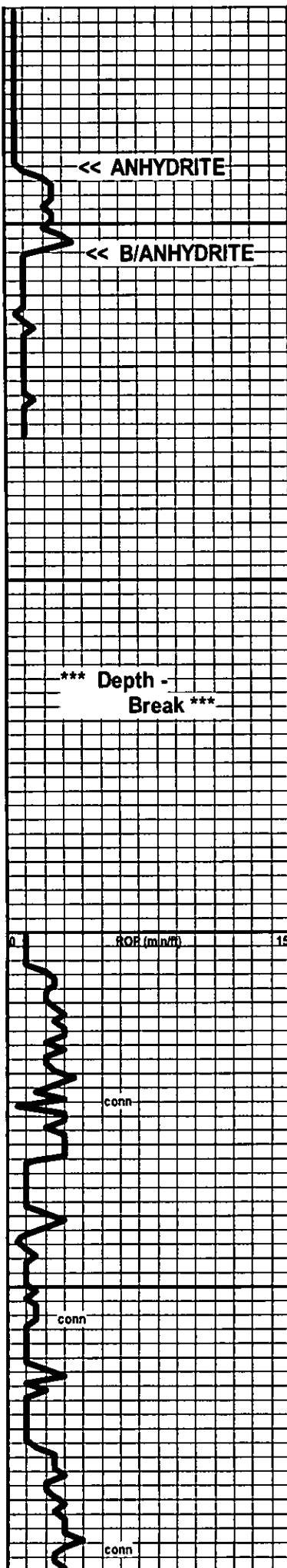
Accessories

MINERAL	Gyp	FOSSIL	Ostra	Sltstrg
Anhy	Hvymn	Algae	Pelec	Ssstrg
Arggrn	Kaol	Amph	Pellet	TEXTURE
Arg	Marl	Belm	Pisolite	Boundst
Bent	Minxl	Bioclst	Plant	Chalky
Bit	Nodule	Brach	Strom	Cryxl
Brecfrag	Phos	Bryozoa	STRINGER	Earthy
Calc	Pyr	Cephal	Anhy	Finexln
Carb	Salt	Coral	Arg	Grainst
Chtdk	Sandy	Crin	Bent	Lithogr
Chtlt	Silt	Echin	Coal	Microxln
Dol	Sil	Fish	Dol	Mudst
Feldspar	Sulphur	Foram	Gyp	Packst
Ferrpel	Tuff	Fossil	Ls	Wackest
Ferr		Gastro	Mrst	
Glau		Oolite		

Other Symbols

OIL SHOW Even	Spotted	Dead	INTERVAL	Dst
Even	Ques		Core	

ROP (min/ft)	Depth	Lithology	Geological Descriptions	Remarks
<p>ROP (min/ft) ———</p>	1900	Shows		
	1950			



2000

2050

3800

3850

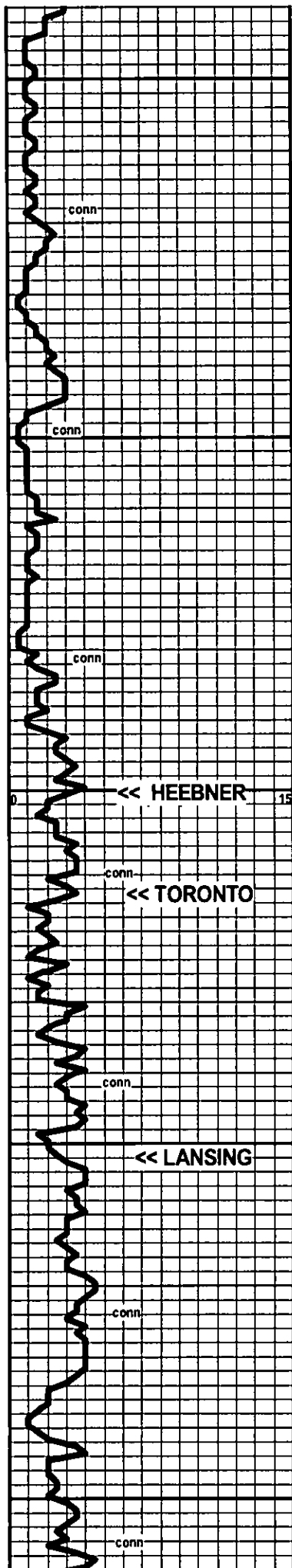


ANH Interval based on drill time only!

< 1992

< 2004

* Displace and Mud up @ 3573"



3900
3950
4000
4050
4100



LS wh-pl gy, fn xln, fr xln por, scatt pp por, sil foss

LS wh-cr-pl gy, fn xln, pr-fr xln por, foss

LS cr-lan, fn xln, pr-fr xln por, ool-oom, scatt oom and pp por, foss

LS cr-pl gy, fn xln, dns to pr xln por, foss, cherty: fresh, gy, foss

SH black, carb

LS cr, fn xln, dns, foss

SH gy, subsilty text

LS wh-cr, fn xln, pr-fr xln por, scatt pp and vug por, foss, chert: fr, wh, opa, q

[No Show]

LS cr, fn xln, dns, foss

SH gy-dk gy-gmish

LS wh-cr, fn xln, mostly dns, scatt pr xln por and scatt Rr pp por

[NoShow]

LS cr, fn xln, dns, foss

SH gy-dk gy

WOB 40,000
RPM 60
PP 900
SPM 60

< 4000
< 4015

7:00 am, August 14, 2011, Dtg @ 4040 ft

< 4052

LS wh-cr, fn xln, pr-fr xln por, ool in pt (mostly well cement)
foss, abund calcite patches

[No Show]

SH gy-gmish

LS cr, fn xln, frgi xon por in pt with some subsucrosic text,
foss in pt, ool in pt

[No Show]

LS cr, fn xln, dns, foss

SH black, carb

LS wh-cr, fn xon, pr-fr xln por, foss, mealy text in part,
ool-packed ool with scatt fr inter-ool por, chert: fresh,
wh-cr-gy, subopaq, foss

[No Show]

LS wh-cr, fn xln, dns-pr xln por, foss

SH gy-reddish, silty in part

LS wh-cr, fn xln, pr-fr xln por, foss in pt, chert: fresh,
wh-tan-gy, subtransl-subopaq

[No Show]

LS wh-cr, fn xln, dns, foss, cherty as above

SH gmish-black

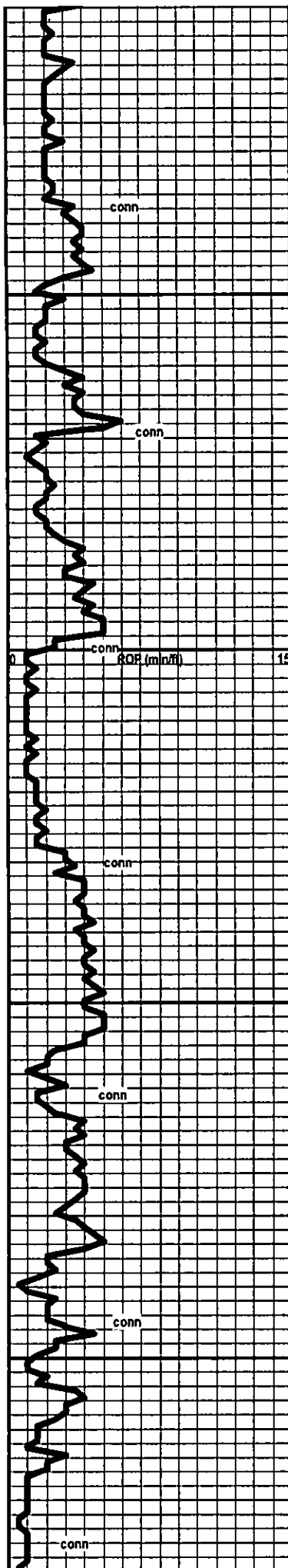
LS wh-cr, fn xln, pr-fr xln por, dns in pt, foss

LS wh, packed ool in pt in wh-brn cement

SH gm-gmish gy

LS cr-tan, packed ool in mix of well-cemented to fr
inter-ool xln por and pp por

Mud Check @ 4168' Drlg:
Vis Wt WL LCM PV YP
45 9.2 9.8 1 14 14
Chl Hd pH
2500 20 9.5



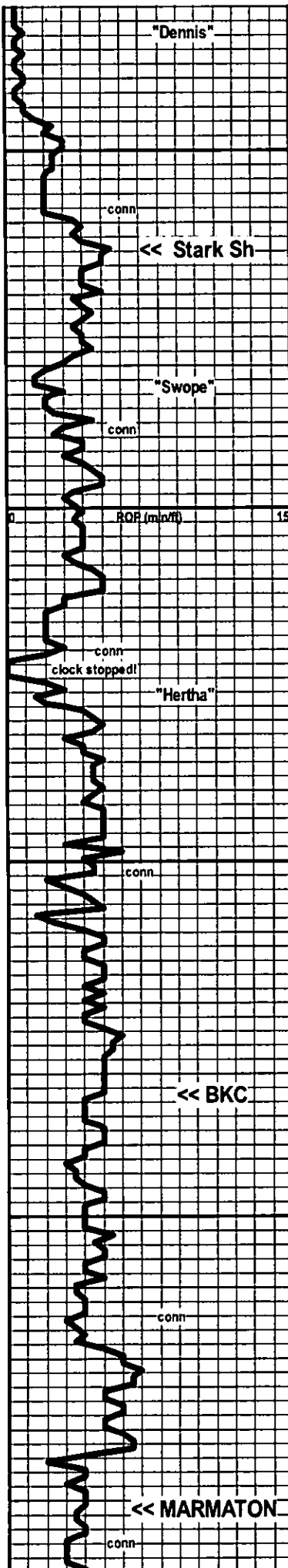
4150

4200

4250

4300





4350

conn

<< Stark Sh

"Swope"

conn

ROP (min/ft)

4400

conn
clock stopped!

"Hertha"

4450

conn

<< BKC

4500

conn

<< MARMATON

conn



[NoShow]

LS cr-tan, fn xln, pr-fr xln por, foss, scatt vugs

SH black (porry repres in sps)

LS cr-tan, fn xln, dns, foss

LS tan, packed ool and oom, fr-gd oom por

[No Show]

SH gy-black, carb in pt

LS wh-cr-tan, fn xln, dns in pt, chalky in pt, foss

LS wh-cr, fn xln, pr-fr xln por, subgrainy text in pt, foss, micro-ool?, chert: fresh-subgrainy, gy, subopaq

[NoShow]

LS wh-cr, fn xln, dns, foss

SH gy

LS cr-tan-pl gy, fn xln, dns, pyritic in pt, foss, cherty as above

LS tan, ool-packed ool, well-cem to some inter-ool por

[No Show]

LS cr-tan, fn xln, dns, ool, chert: fresh, wh-tan, ool, opa

< 4364

7:00 am, August 15, 2011, Drig @ 4475 ft

< 4483

SH gy-dk gy-gmish, silty in pt to shaly siltstone in pt, calc in pt

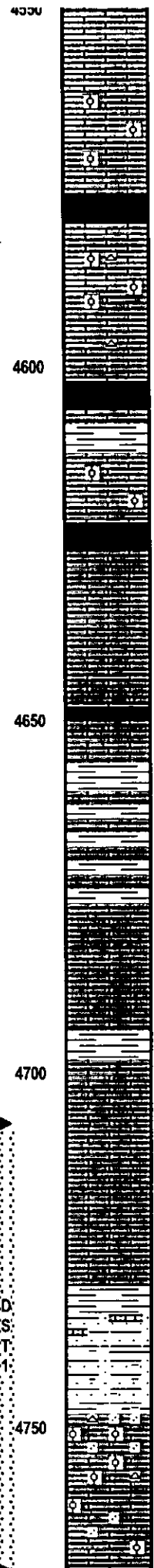
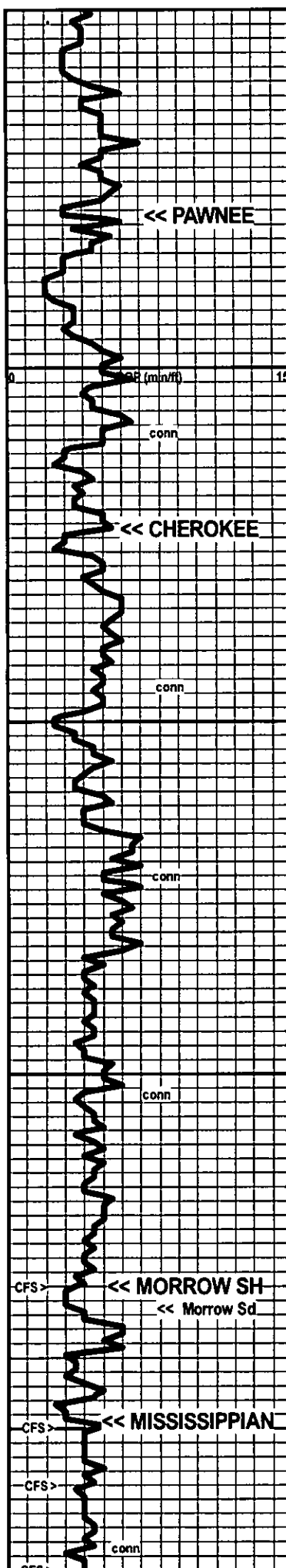
LS wh-cr, fn xln, mostly packed ool in dns cement to cement with scatt pr-fr xln por, foss in pt

LS cr-tan-pl gy, fn xln, mostly dns, scatt pr xln por, foss

SH gy-gmish, calc in pt, silty in pt

< 4541

LS cr, fn xln, vfn-fn xln, dns, foss in pt, scatt calcite



patches

[No Show]

LS cr-tan, fn xln, dns, subchalky in pt, foss, ool in pt

SH dk gy - black, carb in pt

LS wh-cr-tan, fn xln, pr vis xln por, chalky in pt, micro-ool in pt, foss, cherty: fr, tan, transl

[No Show]

SH black, carb

LS cr-tan-brn, vfn-fn xln, dns, foss, ool in pt

[No Show]

SH black, carb

LS wh-cr-tan, fn xln, dns, foss-abund foss

[No Show]

LS cr-gy, fn xln, dns

SH gy-black, carb in pt

LS cr-tan, vfn-fn xln, dns

SH gy-dk gy-gmish

LS cr-tan, vfn-fn xln, dns, foss-abund foss, scatt pyritic

SH gy-black

LS cr-tan, vfn-fn xln, dns, foss

SH gy

LS cr-tan, vfn-fn xln, dns

LS cr-tan-pl gy, vfn-fn xln, dns, scatt subchalky patches

[V. Fnt Odor, Rr spotty Dk Stn, No show of FO in subchalky Ls]

SH gy-dk gy-pl gm-gm, subilty in pt, subfiss in pt

SD glassy-tan, fn gm, well-sorted, subrounded, pr-gd friability, pr-fr inter-gmtr por in pt, clusters subround to sharp, some loose gms in spls, some shaly sd, some calc sd

[No odor, even dull four, dk brn-black spotty Stn with sli show DO & NVL Oil on brk]

LS wh-cr-tan, fn xln, dns, sdy in pt, ool in pt, cherty in pt: fresh, tan, subtranslucent

[No odor, No flour, Rr sm patches of black residual Stn]

LS wh-cr-tan, fn xln, dns and firm to softer and subchalky, scatt ool, scatt sdy

< 4579

Mud Check @ 4572' Drig:
 Vis Wt WL LCM PV YP
 56 9.45 10 1 17 17
 Chl Hd pH
 2000 40 9.0

< 4623

Short Trip @ 4703'. Pulled 25 stands, circ 60-min after short trip.

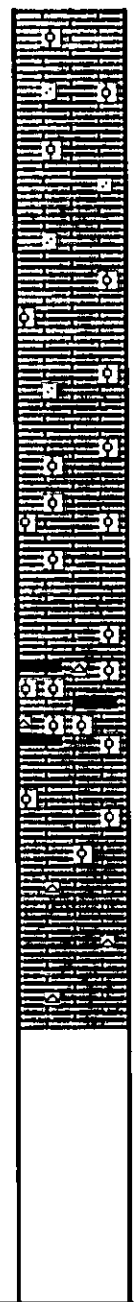
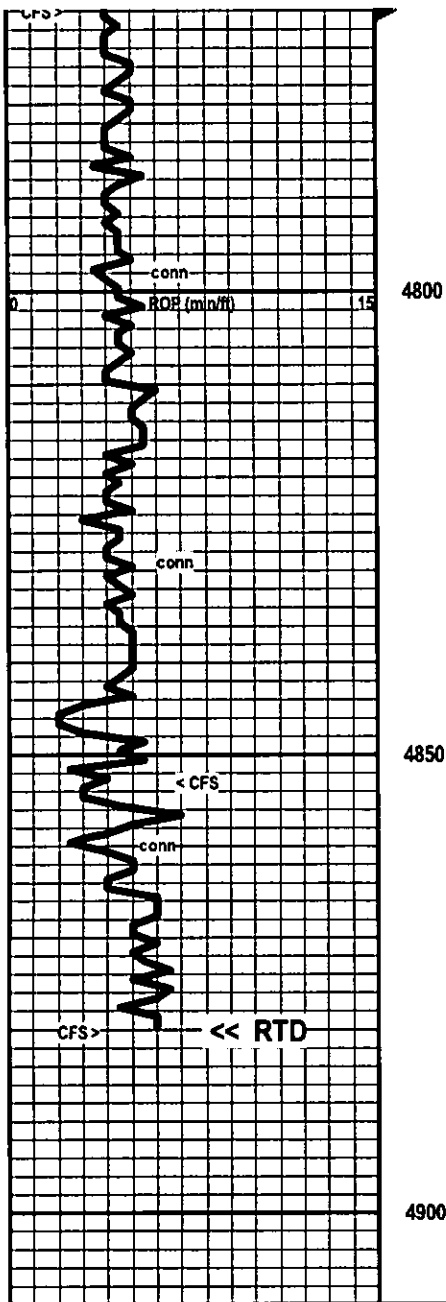
DST #1: 4707-4770 (Morrow)
 Times: 30-30-15-Out
 Initial Blow: V. Wk Surf, died 45 sec.
 Final Blow: None
 Rec.: 5' mud with few oil spots
 IHP: 2368 FHP: 2288
 IFP: 16-17 FFP: 19-24
 ISIP: 27 FSIP: NA
 BHT: 123

< 4730
 < 4733

7:00 AM, August 16, 2011, Drig @ 4740 ft

< 4749

* Pipe Strap @ 4770': 4.09 ft short
 Mud Check @ 4770', Trip Out of Hole:
 Vis Wt WL LCM PV YP
 46 9.4 10.8 Tr 14 15
 Chl Hd pH
 2500 20 9.5



LS wh-cr-tan, fn xln, dns and firm to softer and subchalky, Rarely sandy, scatt oolitic

[No Show]

LS cr-tan, fn xln, dns, gmy text in pt, ool in pt, brittle text in pt

4830" spl: Rr pcs of packed oolites, well-cem.

[No Show]

LS cr-tan, fn xln, dns, subchalky in pt, ool in pt

LS cr-tan, fn xln, dns, packed ool in pt (well-cem), pr vis inter-ool por, dolom & sucrosic in pt, fn xln, pr vis xln por, chert: fr to subgrainy test, wh-tan, foss, opa to subtransl.

[No Show]

LS tan-brn, vfn xln, dns, smooth/vitreous text, some ool pcs

LS cr-tan, vfn-fn xln, dns, some subsucrosic text, foss in pt, cherty: Fresh, tan, transl.

[No Show]

7:00 AM, August 17, 2011, DFR @ 4778 ft. Swivel locked up. Delivered replacement swivel-it was locked up. Trip out of hole for additional repairs. DFR approximately 15 hours.

Mud check @ 4778': DFR

Vis	Wt	WL	LCM	PV	YP
45	9.4	9.6	2	14	15
Chl	Hd	pH			
2300	20	9.5			

< 4880 Ft RTD
August 18, 2011, 1:45 AM



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Hess Oil Co
P.O. Box 1009
McPherson KS 67640
ATTN: Brad Rine

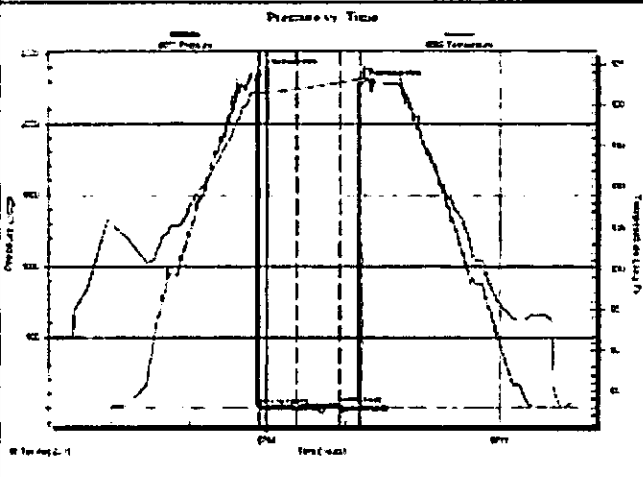
Shelly #1
25-23a-30w
Job Ticket: 43287 DST#: 1
Test Start: 2011.08.16 @ 15:30:15

GENERAL INFORMATION:

Formation: **Morrow**
 Deviated: **No Whipstock** ft (KB)
 Test Type: **Conventional Bottom Hole**
 Time Tool Opened: **17:53:45**
 Tester: **Will MacLean**
 Time Test Ended: **21:55:30**
 Unit No: **48**
 Interval: **4707.00 ft (KB) To 4770.00 ft (KB) (TVD)**
 Reference Elevations: **2798.00 ft (KB)**
 Total Depth: **4770.00 ft (KB) (TVD)**
2793.00 ft (CF)
 Hole Diameter: **7.88 Inches** Hole Condition: **Good**
 KB to GR/CF: **5.00 ft**

Serial #: **6669** Outside
 Press@RunDepth: **17.98 psig @ 4708.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2011.08.16** End Date: **2011.08.16** Last Calib.: **2011.08.16**
 Start Time: **15:30:15** End Time: **21:55:30** Time On Btm: **2011.08.16 @ 17:53:30**
 Time Off Btm: **2011.08.16 @ 19:13:45**

TEST COMMENT: IF-Weak Surface Blow Died in 45 seconds
 IS- No Blow
 FF- No Blow
 FS- Full Tool



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2368.46	121.66	Initial Hydro-static
1	16.68	121.51	Open To Flow (1)
30	17.98	122.08	Shut-In(1)
63	27.00	122.86	End Shut-In(1)
63	19.55	122.85	Open To Flow (2)
79	24.83	123.26	Shut-In(2)
81	2288.21	123.74	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
5.00	100%m	0.02
	Few Oil Spots in Tool	

Gas Rates			
	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/D)