

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 5663

Name: Hess Oil Company

Address PO Box 1009
McPherson, KS 67460

City/State/Zip _____

Purchaser: N/A

Operator Contact Person: Bryan Hess

Phone (316) 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 ☐ SIOW ☐ Temp. Abd.
☐ Gas ☐ ENHR ☐ SIGW
☒ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD
☐ Plug Back ☐ PBTD
☐ Commingled ☐ Docket No. _____
☐ Dual Completion ☐ Docket No. _____
☐ Other (SWD or Inj?) ☐ Docket No. _____

6-17-94 6-25-94 6-25-94
Spud Date Date Reached TD Completion Date

API NO. 15- 065-22,737

County GRAHAM

S2 NW SW Sec. 5 Twp. 6 Rge. 22 X E

1650 Feet from S (circle one) Line of Section

660 Feet from N (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Rouback Well # 1

Field Name _____

Producing Formation None

Elevation: Ground 2287' KB 2292'

Total Depth 3750' PBTD _____

Amount of Surface Pipe Set and Cemented at 213 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 D&A JH 11-21-94
(Data must be collected from the Reserve Pit)

Chloride content 2,000 ppm Fluid volume 120 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. Twp. S Rng. E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 on 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-113 form with 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.

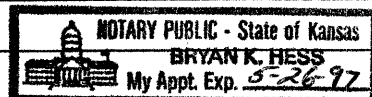
Signature Dick Hess

Title Dick Hess, VP Date 7-15-94

Subscribed and sworn to before me this 15th day of July, 19 94.

Notary Public Bryan K. Hess

Date Commission Expires _____



KANSAS CORPORATION COMMISSION OFFICE USE ONLY		
F	Wichita Division	Confidentiality Attached
C	✓	Wireline Log Received
C	✓	Geologist Report Received
Distribution		
_____ KCC	_____ SWD/Rep	_____ NGPA
_____ KGS	_____ Plug	_____ Other (Specify)

Operator Name Hess Oil Company Lease Name Rouback Well # 1Sec. 5 Twp. 6 Rge. 22
☐ East
☒ WestCounty Graham

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken ☒ Yes ☐ No
(Attach Additional Sheets.)Samples Sent to Geological Survey ☒ Yes ☐ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☒ Yes ☐ No
(Submit Copy.)List All E.Logs Run: Radiation Guard☐ Log Formation (Top), Depth and Datums ☒ Sample

Name	Top	Datum
Anhydrite	1960	(+313)
Base Anhydrite	2010	(+282)
Topeka	3318	(-1026)
Heebner	3510	(-1218)
Toronto	3536	(-1244)
Lansing	3553	(-1261)
Muncie Creek	3653	(-1361)
Base KC	3741	(-1449)

DST #1: 3500'-3580'. Times 60-30-30-30. Strong blow in 4 min., bottom of bucket. Rec. 320' Mud, 240' Muddy Water, 1340' Saltwater. IH 2065#, IF 133-601, ISI 1097, FF 734-772, FSI 1078, FH 2055. Tmp 106.

DST #2: 3594'-3626'. Times 60-45-60-45. 1st open - fair blow bottom of bucket in 45 min., 2nd blow- bottom of bucket in 55 min. Rec. 427' Saltwater (Chl. 42,000 ppm). IH 1978#, IF 85-133, ISI 1193, FF 200-219, FSI 1164, FH 1969. Tmp. 106.

DST #3: 3652'-3680'. Times 30-30-30-30. 1st open - surface blow, 2nd open - no blow. Rec. 30' Oil Cut Mud (10% Oil, 90% Mud). IH 2007#, IF 38-38, ISI 868, FF 47-47, FSI 744, FH 1988. Tmp 107.

DST #4. 3686'-3750'. Times 30-30-30-30. 1st open - weak blow died in 18 min. 2nd open - no blow. Rec. 5' Mud w/few oil spots. IH 2171#, IF 76-76, ISI 85, FF 76-76, FSI 76, FH 2151. Tmp. 107.

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	12-1/4	8-5/8	28	213'	60/40 Poz	150	2% gel, 3% cc

HESS OIL COMPANY

225 N. Market, Suite 300

Wichita, Kansas 67202

(316) 263-2243

ORIGINAL

GEOLOGICAL REPORT

ROUBACK #1

C/S/2 NW SW of

SECTION 5 - 6S - 22W

GRAHAM COUNTY, KANSAS

Commenced: 6-17-94

Elevations: 2287' GR, 2292' KB

Completed: 6-25-94

Surface Pipe: ²¹³200' of 8-5/8"

Contractor: Mallard J.V.

Production Pipe: none

One foot drilling time was kept from 1960 to 2020' KB and from 3000' to total depth. Ten foot samples were kept from 3200' to total depth.

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

ANHYDRITE

1960 (+313)

BASE ANHYDRITE

2010 (+282)

TOPEKA

3318 (-1026)

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Rouback #1

Page 2

HEEBNER

3510 (-1218)

TORONTO

3536 (-1244)

3536 - 43' KB

White, very finely crystalline, dense, limestone. Fair show of free oil in fair intercrystalline "vuggy" porosity, weak odor, good staining and a great cut.

LANSING

3553 (-1261)

3553 - 60' KB

White, very finely crystalline, oolitic, limestone with medium sized oolites. Weak show of free oil in poor to fair intercrystalline porosity, no odor, fair stain, and a fair cut.

DRILL STEM TEST #1

3500 to 3580' KB

80' Anchor

Blow: Bottom of Bucket in 4 minutes.

Times: Open 60, Closed 30, Open 30, Closed 30.

Recovered: 1900' Mud Cut SW (chls. 40,000ppm)

Pressures: IH 2065# IF 133-601# ISIP 1097#
FH 2055# FF 734-772# FSIP 1078#

3586-89' KB

White, very finely crystalline, dense, limestone. Very slight show of free oil in very poor intercrystalline porosity, no odor, slight stain, and a very weak cut.

3602-06' KB

White, fine to medium crystalline, dense, limestone. Good show of free oil in fair intercrystalline porosity, no odor, fair stain, and a strong cut. (two gas bubbles.)

3622-25' KB

White, very finely crystalline, dense, chalky, limestone. Weak show of free oil in poor intercrystalline porosity, no odor, weak stain, and a weak cut.

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DRILL STEM TEST #2

3594 to 3626' KB

32' Anchor

Blow: Bottom of bucket in 45 minutes. 2cd opening
Bottom of bucket in 55 minutes.

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Wichita, Kansas 67202

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Rouback #1
Page 3

DRILL STEM TEST #2 (cont.)

Times: Open 60, Closed 45, Open 60, Closed 45.

Recovered: 427' Salt Water (chls. 42,000ppm)

Pressures: IH 1978# IF 85-133# ISIP 1193#
FH 1969# FF 200-219# FSIP 1164#

MUNCIE CREEK 3653 (-1361)

3672-78' KB

White, very fine to finely crystalline, dense, slightly oolitic limestone. Great show of free oil in fair intercrystalline porosity, good odor, great stain, and a very strong cut. (lots of gas bubbles!)

DRILL STEM TEST #3 3652' to 3680' KB 28' Anchor

Blow: Surface blow throughout 1st opening
2nd Opening --- no blow.

Times: Open 30, Closed 30, Open 30, Closed 30.

Recovered: 30' Oil Cut Mud --- (10% oil, 90% mud)

Pressures: IH 2007# IF 38-38# ISIP 868#
FH 1988# FF 47-47# FSIP 744#

3693-96' KB

White, very finely crystalline, dense, fossiliferous, limestone. Weak show of free oil in very poor intercrystalline porosity, weak stain, no odor, and a weak cut.

3704-08' KB

"J" Zone

Good show of free oil in White, very fine to finely crystalline, dense, slightly oolitic, limestone. Poor to fair intercrystalline porosity, no odor, fair stain, and a good cut. (2 pieces oolitic, few gas bubbles)

3723-27' KB

White, very finely crystalline, dense, chalky, limestone. Very slight show of free oil in very poor intercrystalline porosity, no odor, slight stain, and a slight cut.

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HESS OIL COMPANY

225 N. Market, Suite 300
Wichita, Kansas 67202

(316) 263-2243

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Rouback #1
Page 4

BASE KANSAS CITY

3741 (-1449)

ROTARY TOTAL DEPTH

3750 (-1458)

DRILL STEM TEST #4

3686 to 3750' KB

64' Anchor

Blow: Weak died in 18 minutes. 2nd Opening --
- No Blow.

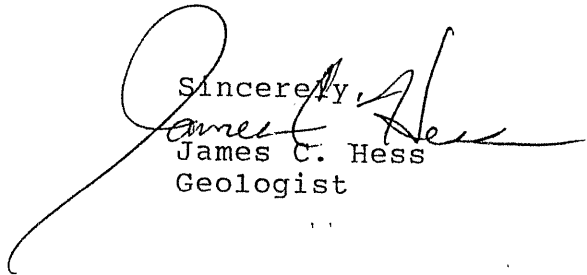
Times: Open 30, Closed 30, Open 30, Closed 30.

Recovered: 5' Mud w/Few Oil Spots.

Pressures:	IH	2171#	IF	76-76#	ISIP	85#
	FH	2151#	FF	76-76#	FSIP	76#

A Radiation Guard Log was run to confirm all sample tops and the zone development of each zone. Due to the absence of any new untested zones and the poor recoveries of oil in our drill stem tests it was decided to plug the Rouback #1. The Rouback #1 was plugged according to state regulations on 6-25-94.

Sincerely,


James C. Hess
Geologist

Phone 913-483-2627, Russell, Kansas
Phone 316-793-5861, Great Bend, Kansas

ORIGINAL

Phone Plainville 913-434-2812
Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

4007

Date	6-25-94	Sec.	5	Twp.	6 S	Range	22 W	Called Out	6:15 PM	On Location	9:00 PM	Job Start	9:30 PM	Finish	11:15 PM
Lease	ROUBACK	Well No.	#1	Location				HILL CITY 13 N 2 E	County		GRAHAM	State		KANSAS	
Contractor	MAILARD DARG. RIG #2 JV INC														
Type Job	ROTARY PLUG														
Hole Size	7 7/8				T.D. 3750'										
Csg.	8 5/8 SURFACE				Depth 213'										
Tbg. Size					Depth										
Drill Pipe	4 1/2 X-H				Depth 2,000'										
Tool					Depth										
Cement Left in Csg.					Shoe Joint										
Press Max.					Minimum 2054										
Meas Line					Displace										
Perf.															

EQUIPMENT

No.	Cementer	
Pumptrk #177	Helper	
No.	Cementer	
Pumptrk	Helper	
	Driver	
Bulktrk #213	Driver	
Bulktrk	Driver	

DEPTH of Job

Reference:	PUMP TRUCK CHRG	
	2.25 PER MILE	
1-8 5/8	DRY HOLE PLUG	
	Sub Total	
	Tax	
	Total	

Remarks:

25 SK @ 2,000'
100 SK @ 1190'
40 SK @ 265'
10 SK @ 40' & WIPER PLUG.
15 SK @ RATHOLE
10 SK @ MOUSE HOLE

Owner 1/2 NEW INTO
To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish
cement and helper to assist owner or contractor to do work as listed.

Charge To HESS Oil

Street

City State

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.

X

CEMENT

Amount Ordered 200 SK 6 9/40 6 2/3 Gel 1/4 # F10 SK

Consisting of

Common
Poz. Mix
Gel.
Chloride
Quickset

Sales Tax

Handling 1.00 PER SK

Mileage .04 PER TON MILE

Sub Total

Total

RECEIVED

Floating Equipment STATE REPARATION COMMISSION

JUL 18 1994

CONSERVATION DIVISION
Wichita, Kansas

Handwritten signature

Phone 913-483-2627, Russell, KS
Phone 316-793-5861, Great Bend, KS

Phone 913-625-5516, Hays, KS
Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS
Phone 913-798-3843, Ness City, KS

ALLIED CEMENTING CO., INC.

7991

Home Office P.O. Box 31
NOISIAID NOITIVUON

Russell, Kansas 67665

New

Date	6-17-94	Sec.	5	Fwp.	1661	Range	81	Called Out		On Location		Job Start		Finish	8:30 PM
Lease	Proback	Well No.	NOISIAID NOITIVUON	Location	Will City 13N24E	County	Graham	State	KS						
Contractor	Mallard JV Inc														
Type Job	Surface														
Hole Size	12 1/4	T.D.	214												
Csg.	8 1/2	Depth	213												
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool		Depth													
Cement Left in Csg.	10 1/5	Shoe Joint													
Press Max.		Minimum													
Meas Line		Displace	12.50												
Perf.															

Owner

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish
cement and helper to assist owner or contractor to do work as listed.

Charge To

Street

City

State

The above was done to satisfaction and supervision of owner agent or
contractor.

Purchase Order No.

X

CEMENT

Amount
Ordered

Consisting of

Common

Poz. Mix

Gel.

Chloride

Quickset

Sales Tax

Handling

Mileage

Sub Total

Total

Floating Equipment

EQUIPMENT

No.	Cementer	
Pumptrk 153	Helper	Dave
No.	Cementer	
Pumptrk	Helper	
	Driver	Paul
Bulktrk 213		
Bulktrk	Driver	

DEPTH of Job

Reference:

Sub Total
Tax

Total

Remarks:

Cement
in cellar

ORIGINAL