

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

Operator: License # 6167  
Name Hesse Petroleum Co/Hessco Inc.  
Address 400 N. Woodlawn, Suite 7  
City/State/Zip Wichita, KS 67208

Purchaser

Operator Contact Person Dave Hesse  
Phone 316-685-4746

Contractor: License # 5929  
Name Duke Drilling Co., Inc.

Wellsite Geologist  
Phone

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If **OWWO**: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

.....9-15-88 .....9-24-88 .....9-21-88  
Spud Date Date Reached TD Completion Date

.....5028.....  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 228 feet  
Multiple Stage Cementing Collar Used? Yes No  
If yes, show depth set.....feet  
If alternate 2 completion, cement circulated  
from.....feet depth to.....w/.....SX cmt  
Cement Company Name  
Invoice #  
Alt I D x 0

API NO. 15-007-22,205-0000  
County Barber  
90 W of  
C N/2 N/2 Sec. 14 Twp. 32 Rge. 15 East  
X West

4620' Ft North from Southeast Corner of Section  
2730' Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

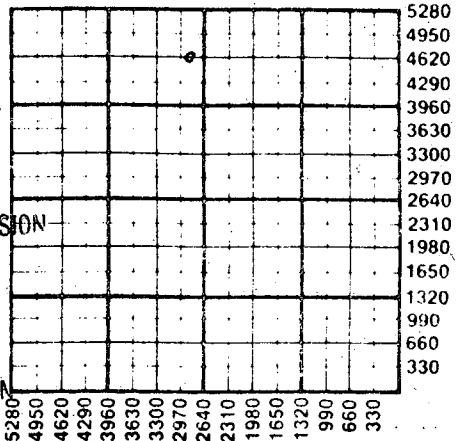
Lease Name Alexander Well # 1

Field Name

Producing Formation

Elevation: Ground 2019 KB 2027

Section Plat



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Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal  
Docket # Repressuring

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #

Groundwater.....Ft North from Southeast Corner  
(Well) .....Ft West from Southeast Corner of  
Sec Twp Rge East West

X Surface Water 4950 Ft North from Southeast Corner  
(Stream, pond etc) 3390 Ft West from Southeast Corner  
Sec 11 Twp 32 Rge 15 East X West

Other (explain)  
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

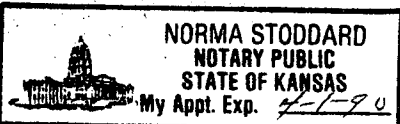
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature  
Title  
Date 9/16/88

Subscribed and sworn to before me this 26th day of September 1988.  
Notary Public Norma Stoddard  
Date Commission Expires 4-1-90

K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C Wireline Log Received  
C Drillers Timelog Received  
Distribution  
KCC SWD/Rep NGPA  
KGS Plug Other  
(Specify)  
3-6-89 X

Sec. 14 Twp. 32 Rge. 15 E



Operator Name ..... Hesse Petroleum Co./Hessco Inc. Lease Name..... Alexander ..... Well #..... 1

Sec..... 14 Twp..... 32 Rge..... 15  East  West County..... Barber

WELL LOG

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  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

Name Top Bottom

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 1/4"	8-5/8"	24#	228'	60/40poz	150	2% gel 3% cc
.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	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
.....	.....	.....	.....	.....	.....

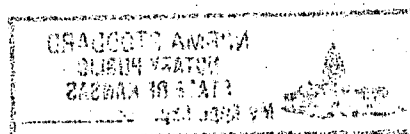
  

Date of First Production	Producing Method				
.....	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....				
.....	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....  
 Used on Lease  Dually Completed .....  
 Commingled



\* Amended

Operator Name ..... Hesse Petroleum Co./Hessco Inc. Lease Name..... Alexander..... Well #..... 1.....

Sec..... 14..... Twp..... 32..... Rge..... 15.....  East  West County..... Barber.....

WELL LOG

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  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

DST#1 4980-4993 30-60-45-60  
 Strong blow decreasing to weak blow 2nd opening.  
 GTS/50" TSMT. Rec. 125' HOCM, 30% oil, 70% mud.  
 3709' water. IFP 1304-1714#, FFP 1714-1714#  
 ISIP 1714#, FSIP 1714#

DST#2 4979-4985 15-30-15-45  
 Rec. 120' HMC Wtr., 3060 Wtr., 1098 GIP  
 LFP 178-1150#, FFP 1280-1633#, ISIP 1831#, FSIP 1843#

DST#3, 4130-4301  
 Packer failure, Mis-Run.

DST#4 4070-4301 30-45-30-60  
 Rec. 248' HVY D.M.  
 No shows  
 IFP 222-477#, FFP 565-620#, ISIP 1211#, FSIP 1090#

Name	Formation Description	
	Top	Bottom
Heebner	4107'	-2081'
Douglas	4139'	-2112'
Lansing	4275'	-2249'
Kansas City	4498'	-2471'
Base KC	4719'	-2692'
Shoteau	4895'	-2868'
Maquoketa	4947'	-2920'
Viola	4975'	-2948'

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 1/2"	8-5/8"	24#	228'	60/40poz	150	2% gel 3% cc

Shots Per Foot	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 Production Producing Method  
 Flowing  Pumping  Gas Lift  Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB	Gravity

METHOD OF COMPLETION  
 Disposition of gas:  Vented  Open Hole  Perforation  Other (Specify).....  
 Used on Lease

Dually Completed  Commingled

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 Wichita, Kansas

DRILLER'S WELL LOG

DATE COMMENCED: September 15, 1988  
DATE COMPLETED: September 24, 1988

Hesse Petroleum Co./Hessco Inc.  
ALEXANDER #1  
90' West of C N/2 N/2  
Sec. 14, T32S, R15W  
Barber County, Ks.

ELEVATION: 2027 K.B.

0 - 228' Surface Soil, Sand, Shale  
228 - 4107' Red Bed, Shale, Lime,  
4107 - 4131' Shale, Lime  
4131 - 4747' Lime  
4747 - 4974' Lime, Shale, Chert  
4974 - 5028' Chert  
5028 RTD

Surface Pipe: Set new 8 5/8",  
24 # pipe at 228' w/150 sacks  
60/40 pozmx 2% gel 3% cc.

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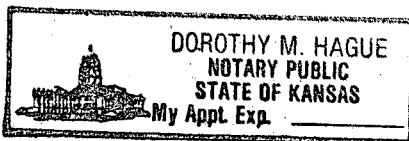
A F F I D A V I T

ss  
STATE OF KANSAS  
COUNTY OF BARTON) ss

John Armbruster of lawful age, does swear and state that the facts and statements herein are true and correct to the best of his knowledge.

*John Armbruster*  
John Armbruster

Subscribed and sworn to before me this 26 day of September 1988.



*Dorothy M Hague*  
Notary Public