

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 ONWO: 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 9-24-88
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 #

API NO. 15-007-22,205

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)

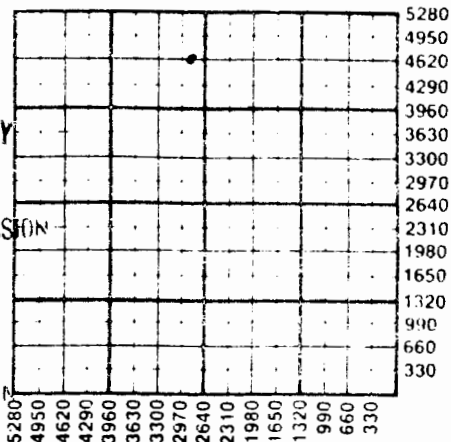
Lease Name Alexander Well # 1

Field Name

Producing Formation

Elevation: Ground 2019 KB 2027

Section Plat



MAR 15 1989

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

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MAR 15 1989

CONSERVATION DIVISION
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 4850 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.

Copy of all wireline logs and drillers time log shall be attached with this form. Submit QP-4 form with all wells. Submit QP-111 form with all temporarily abandoned wells.

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

Formation Description
☐ Log ☒ Sample

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	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'	60/40 poz	150	2% gel 3% cc

PERFORATION RECORD

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
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Date of First Production	Producing Method
	☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....

Oil	Gas	Water	Gas-Oil Ratio	Gravity

ed Production

14-32-15W

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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STATE CORPORATION COMMISSION

MAR 06 1989

CONSERVATION DIVISION
Wichita, Kansas

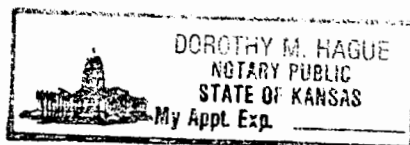
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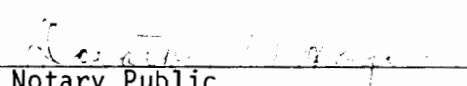
STATE OF KANSAS
COUNTY OF BARTON) ss

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

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




Notary Public