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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 # 5601
name Associated Petroleum Consultants, Inc.
address Suite 600 - One Main Place
City/State/Zip Wichita, Kansas 67202-1399

Operator Contact Person Phyllis Buchanan
Phone (316) 265-9385

Contractor: license # 5867
name Heartland Drilling, Inc.

Wellsite Geologist Paul C. Caragianis
Phone (316) 265-9385

PURCHASER Champlin Petroleum & Dehli Gas Pipeline
(oil) (gas)

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

June 23, 1984 June 30, 1984 July 13, 1984

Spate Date Reached TD Completion Date

4508' 4460'

Total Depth PBDT

An t of Surface Pipe Set and Cemented at 309' feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If Yes, Show Depth Set feet

Alternate #1 used.

If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt

SIDE ONE

API NO. 15 - 007-21,849

County Barber

C W/2 SE SW Sec 3 Twp 31S Rge 12 East
(location) X West

660 Ft North from Southeast Corner of Section
3630 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

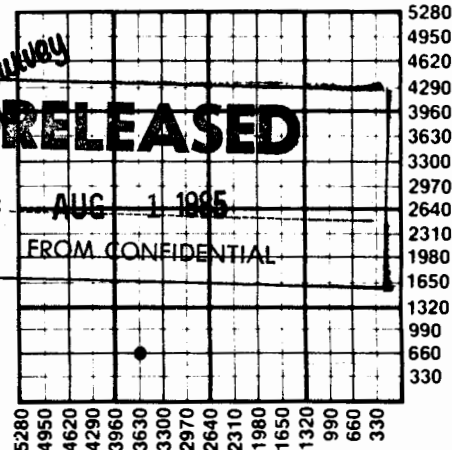
Lease Name Haas Estate Well# 6 ✓

Field Name Ambermills South

Producing Formation Mississippi

Elevation: Ground 1790 KB 1800

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

☐ Groundwater. Ft North From Southeast Corner and
(Well) Ft. West From Southeast Corner of
Sec Twp Rge ☐ East ☐ West

☒ Surface Water. 2310' Ft North From Southeast Corner and
(Stream, Pond etc.) 3630' Ft West From Southeast Corner
Sec 3 Twp 31S Rge 12 ☐ East ☒ West

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

Disposition of Produced Water: ☐ Disposal
☐ Repressuring

Docket #

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 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 confidentiality in excess of 12 months.

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 truly abandoned wells.

Operator Name Assoc. Petro. Consult. Lease Name Haas Est. Well# 6 SEC 3 TWP. 31S RGE. 12 ☐ Ea. ☒ West

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

0 - 320 Sand
320 - 1002 Red Bed & Clay
1002 - 3060 Shale
3060 - 3307 Lime & Shale
3307 - 3695 Shale
3695 - 3885 Sand & Shale
3885 - 4200 Shale
4200 - 4325 Lime & Shale
4325 - 4442 Lime
4442 - 4508 Lime & Shale

Elgin SS 3599 (-1799)
Heebner Shale 3706 (-1906)
Toronto LS 3723 (-1923)
Douglas Shale 3742 (-1942)
Douglas SS 1 3764 (-1964)
Douglas SS 2 3853 (-205)
Iatan Limestone 3908 (-2108)
Lansing KC 3923 (-2123)
Stark Shale 4255 (-2455)
Base KC 4363 (-2563)
Mississippi 4439 (-263)
RTD 4508 (-2708)
LTD 4510 (-2710)

DST #1 4442 - 4470 Straddle Test

op30 si60 op60 si120

Fair building to strong blow during initial flow period.

Strong blow through final flow period.

Recovered: 90' oil cut mud (65% mud, 10% oil, 25% gas)

IHH 2127 psi FHH 2066 psi
IFP 68-68 psi FFP 68-68 psi
ICIP 265 psi FCIP 334 psi

TUBING RECORD size 2 3/8" set at 4420' packer at ---		Liner Run ☐ Yes ☒ No	
Date of First Production July 13, 1984	Producing method ☐ flowing ☒ pumping ☐ gas lift ☐ Other (explain) _____		
Estimated Production Per 24 Hours	Oil	Gas	Water
	11 Bbls	.6 MCF	40 Bbls
	Gas-Oil Ratio 4.5% CFPB		Gravity 28° - 31°

Disposition of gas: ☐ vented☒ sold

METHOD OF COMPLETION

☐ open hole ☒ perforation☐ other (specify) _____

PRODUCTION INTER.

4440 - 60

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 Production	12 1/4" 7 7/8"	8 5/8" 4 1/2"	23# 10.5#	309' 4509'	Common EA-2 B-J Mud Flush	300 100 200 gal	3% CaCl 2% gel ons.

PERFORATION RECORD

shots per foot specify footage of each interval perforated

Acid, Fracture, Shot, Cement Squeeze Record

(amount and kind of material used)

Depth

4	4440 - 4460	500 gallons double strength FE. 150 sx 20/40 sd. 135 sx 10/20 sd. 75 sx 8/12 sd. 30,000 gal. crosslink fluid.	4440 - 60. 4440
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