

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 & Delhi 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

Spud Date Date Reached TD Completion Date

4508' 4460'

Total Depth PBD

Amount 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

API NO. 15 - 007-21,849 - 00 - 00

County Barber

C W/2 SE SW Sec 3 Twp 31S Rge 12 East

(location)

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

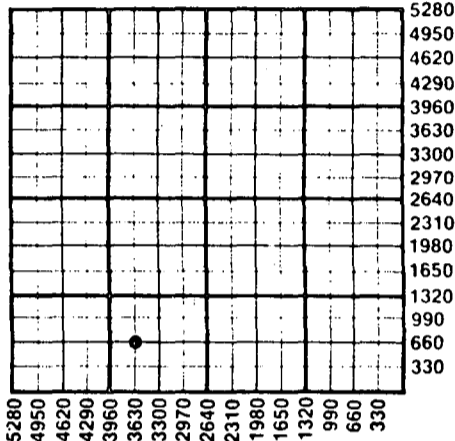
Lease Name Haas Estate Well# 6

Field Name Ambermills South

Producing Formation Mississippi

Elevation: Ground 1790 KB 1800

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
OCT 02 1984
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

Groundwater Ft North From Southeast Corner an
(Well) Ft. West From Southeast Corner c
Sec Twp Rge East West

Surface Water 2310' Ft North From Southeast Corner an
(Stream, Pond etc.) 3630' Ft West From Southeast Corn
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 for confidentiality in excess of 12 months.

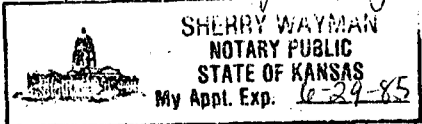
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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 Phyllis Buchanan
Title PHYLLIS BUCHANAN, OFFICE MANAGER Date Sept. 20, 1984

Subscribed and sworn to before me this 20th day of September 19 84

Notary Public Sherry Wayman
Date Commission Expires SHERRY WAYMAN



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

Form ACO-1 (7-84)

3
Imp'd
Rgc
1200

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	Elgin SS	3599	(-1799)
320 - 1002 Red Bed, & Clay	Heebner Shale	3706	(-1906)
1002 - 3060 Shale	Toronto LS	3723	(-1923)
3060 - 3307 Lime & Shale	Douglas Shale	3742	(-1942)
3307 - 3695 Shale	Douglas SS 1	3764	(-1964)
3695 - 3885 Sand & Shale	Douglas SS 2	3853	(-2053)
3885 - 4200 Shale	Iatan Limestone	3908	(-2108)
4200 - 4325 Lime & Shale	Lansing KC	3923	(-2123)
4325 - 4442 Lime	Stark Shale	4255	(-2455)
4442 - 4508 Lime & Shale	Base KC	4363	(-2563)
	Mississippi	4439	(-2639)
	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

RELEASED
 AUG 12 1985
 FROM CONFIDENTIAL

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 Production	12 1/2" 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% ge ons.
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(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 - 60
TUBING RECORD size 2 3/8" set at 4420' packer at ---				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production	Producing method <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)						
July 13, 1984							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	11 Bbls	.6 MCF	40 Bbls	4.5% CFPB	28° - 31°		

METHOD OF COMPLETION open hole perforation other (specify) _____
 Disposition of gas: vented sold used on lease
PRODUCTION INTERVAL 4440 - 60
 Dually Completed.
 Commingled