

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 # 5435
name Bowers Drilling Co., Inc.
address 125 N. Market
City/State/Zip Wichita, Ks. 67202

Operator Contact Person Emil E. Bowers
Phone (316) 262-6449

Contractor: license # 5841
name Trans-Pac Drilling, Inc.

Wellsite Geologist Phil Hargis
Phone 721-0901
PURCHASER Republic Natural Gas Co.

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
7-12-84 7-20-84 7-21-84
Spud Date Date Reached TD Completion Date

4525' 3734'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 5 JTS @ 221' feet KB

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

API NO. 15-007-21,875-0000

County Barber

C.E./2 SE SW Sec 34 Twp 30S Rge 12 West

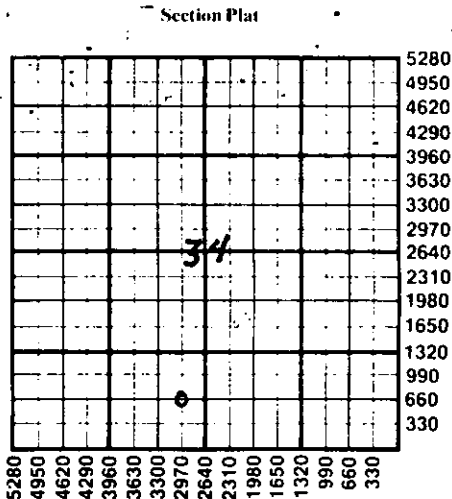
660 Ft North from Southeast Corner of Section
2,970 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

Lease Name Haas Well# 7

Field Name Meairs

Producing Formation Douglas Sand

Elevation: Ground 1646 KB 1654



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit # T 84-513

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

Surface Water 1650 Ft North From Southeast Corner and
(Stream, Pond etc.) 1980 Ft West From Southeast Corner
Sec 34 Twp 30 Rge 12 East West

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

Disposition of Produced Water: ~~None~~ Disposal Repressuring

Docket # CD-78217 (C-21,045)

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 Emil E. Bowers
Title President Date Aug 21, 1984

Subscribed and sworn to before me this 22nd day of August 1984

Notary Public Judy C. Ridder
Date Commission Expires 3/2/88

JUDY C. RIDDER
STATE NOTARY PUBLIC
SEDGWICK COUNTY, KANSAS
MY APPT. EXP. 3/2/88

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)

RECEIVED
STATE CORPORATION COMMISSION

AUG 23 1984
8-23-84
CONSERVATION DIVISION
Wichita, Kansas

Sec. 34 Twp. 30S Rge. 12W

Form ACO-1 (7-84)

Operator Name Bowers Drilling Co., Inc. Lease Name Haas Well# 7 SEC. 34 TWP. 30S RGE. 12 East 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
Heebner	3521	-1867
Douglas Sh.	3550	-1896
Douglas Sd.#1	3574	-1920
Douglas Sd.#2	3654	-2000
Iatan	3706	-2052
Lansing KC	3725	-2071
Base K.C.	4146	-2094
W. Miss.	4193	-2539
Mississippi	4212	-2558
Kinderhook	4250	-2596
Viola	4390	-2736
Simpson Sh.	4472	-2818
Simpson Sand	4479	-2825
Total Depth	4525	

DST #1 Douglas Sd. #1 3548-85 30-30-30-30
 Rec. 300' G.I.P.; 100' mud. IHP 1711,
 FHP 1699 IFP 42, FFP 42. ISIP 757, FSIP 658

DST #2 Douglas Sand #2 3660-68 30-30-60-60
 GTS 18 Min. 148,000 - 30 Min. 40 min 353,000;
 40 min. 385,000; 60 min. 415,000; 70 min.
 458,000; 80 min. 499,000; 90 min. 526,000.
 IFP 127, FFP 157 ISIP 1129, FSIP 989. Rec.
 60' GCMW.

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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"	23#	221' KB	Common	160	2% Gel, 3% CC
Production	7 7/8"	4 1/2"	10 1/2 + 11 1/2	3734' KB	Thix-O-Tropic	75	--
Casing							

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
7			
4	3663-65	None	

TUBING RECORD

size set at packer at -- Liner Run Yes No

Date of First Production	Producing method <input checked="" type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)				
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	None	150	Trace		980
	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

PRODUCTION INTERVAL

Disposition of gas: vented sold used on lease
 open hole perforation other (specify) _____
 Dually Completed.
 Commingled