

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

S

API NO. 15-097-21,233-0000

Operator: License # 5414
 Name J. Mark Richardson
 Address 640 Century Plaza Bldg.
 111 W. Douglas
 City/State/Zip Wichita, Kansas 67202

Purchaser

Operator Contact Person J. Mark Richardson
 Phone (316) 262-3192

Contractor: License # 5842
 Name Gabbert-Jones, Inc.

Wellsite Geologist J. Mark Richardson
 Phone (316) 262-3192

Designate Type of Completion
 New Well Re-Entry

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

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

RECEIVED
 STATE CORPORATION COMMISSION

JUL 16 1987

CONSERVATION DIVISION
 Wichita, Kansas

7-16-1987

County Kiowa
 C NE NW Sec 3 Twp 29 Rge 20 East
 X West

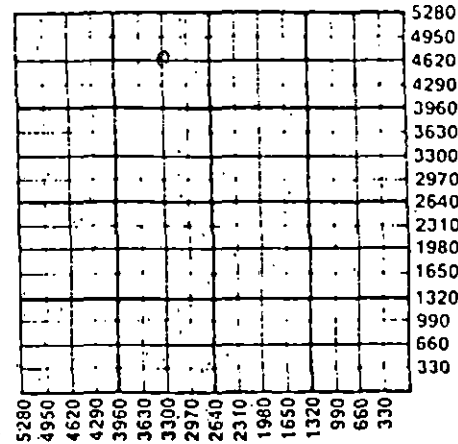
4620
 3300 Ft North from Southeast Corner of Section
 Ft West from Southeast Corner of Section
 (Note: Locate well in section plat below)

Lease Name Hayse D Well # 1

Field Name Ralbeck

Producing Formation

Elevation: Ground 2345 KB 2353
 Section Plat



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

Surface Water Ft North from Southeast Corner
 (Stream, pond etc) Ft West from Southeast Corner
 Sec Twp Rge East West

Other (explain) Purchased/City Greensburg..
 (purchased from city, R.W.D. #)

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

...3-31-87... ..4-11-87... ..5-21-87...
 Spud Date Date Reached TD Completion Date

...5110... ..
 Total Depth PBDT

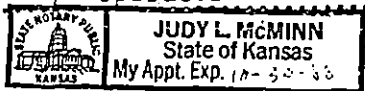
Amount of Surface Pipe Set and Cemented at 640 feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set.....feet
 If alternate 2 completion, cement circulated
 from.....feet depth to.....w/.....SX cmt
 Cement Company Name
 Invoice #

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. Rule 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 J. Mark Richardson
 Title Operator Date 7-15-87



Subscribed and sworn to before me this 15th day of July, 1987.
 Notary Public Judy L. McMinn

Date Commission Expires 10-30-88

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
 C Wireline Log Received
 C Drillers Time Log Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
 (Specify)

Sec 3, Twp 29, Rge 20

Operator Name J. Mark Richardson Lease Name Hayse D Well # 1

Sec. 3 Twp. 29 Rge. 20 East West County Kiowa

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 4388-4400 30-30-90-30
 Rec. 200' g&mc; 400' g&mcw; IFP/FFP 97/309
 ISIP/FSIP 1441/1383
 DST 4626-4675 30-30-60-30
 Rec. good blow; ngts; 390' mud & muddy wtr.
 IFP/FFP 106/242; ISIP/FSIP 1575/1508

Name	Top	Bottom
HEEBNER	4182-1829	
BROWN LIME	4352-1999	
LANSING	4362-2009	
SWOPE	4658-2305	
MARMATON	4786-2481	
MISSISSIPPI	4992-2481	
RTD	5110-2757	

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.....		8.5/8	24#	642	Posmix	360	2% gel; 3% cc
...Production..		4.1/2	10.5#	5109	Posmix	275	10% salt; 5% Gilsomite

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	5010-5014	1000g A; 2000g A	

TUBING RECORD	Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First Production	Producing Method
5-25-87	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity
			75		

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole Perforation 5010-5014
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled