

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISIONWELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 5020
 Name Rine Exploration Company
 Address Suite #645
 300 W. Douglas
 City/State/Zip Wichita, Kansas 67202

Purchaser..... Inland Purchasing & Trans.
 Wichita, Kansas 67202

Operator Contact Person M. Bradford Rine
 Phone 316/262-5418

Contractor: License # 5147
 Name Beredco, Inc.

Wellsite Geologist... Tyler Sanders
 Phone..... 316/684-2373

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

..05/03/85. ..05/12/85.... ..06/12/85....
 Spud Date Date Reached TD Completion Date
 ..4682'..... ..4641'.....
 Total Depth PBTD

Amount of Surface Pipe Set and Cemented at...337 feet
 Multiple Stage Cementing Collar Used? ☒ Yes ☐ No
 If yes, show depth set.....2132.....feet
 If alternate 2 completion, cement circulated
 from.....feet depth to.....w/.....SX cmt

API NO. 15-101-21,167-0000

County..... Lane

C SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec 18 Twp 19S Rge 28W ☒ East ☒ West

1650..... Ft North from Southeast Corner of Section
 990..... Ft West from Southeast Corner of Section
 (Note: Locate well in section plat below)

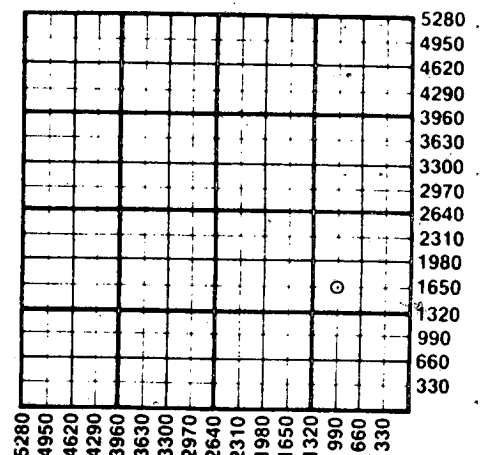
Lease Name..... Hineman "B" Well #1-18

Field Name..... W-G Hiney

Producing Formation..... Kansas City

Elevation: Ground..... 2791.....KB..... 2796

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)(Walker).....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 from city, R.W.D. #)

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 M. Bradford Rine
 M. Bradford Rine
 Title..... President / Geologist Date 10/02/85

Subscribed and sworn to before me this 2nd day of October 1985
 Notary Public... Ginger L. Mitchell
 Ginger L. Mitchell

Date Commission Expires 10-3-85

GINGER L. MITCHELL
 NOTARY PUBLIC
 STATE OF KANSAS
 MY APPT. EXPIRES 06-11-88

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)

Form ACO-1 (7-84)

OCT 3 1985
 10-3-85

CONSERVATION DIVISION
 Wichita, Kansas

Sec 18 Twp 19S Rge 28W

SIDE TWO

Operator Name Rine Exploration Company..... Lease Name Hineman "B"..... Well # 1-18..Sec. 18..... Twp. 19 South Rge. 28 West ☒ East ☒ West County..... Lane.....

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 #1/4227'-4257' ("I" Zone) 15-15-15-15. Blow: weak, died in 10 min. Rec.: 10' slightly oil specked mud.
IFP 69 - 86 ISIP 1076
FFP 86 - 86 FSIP 1047

DST #2/4257'-4268' ("J" Zone) 30-45-45-60. Blow: strong. Rec.: 1875' sulfur water.
IFP 144 - 577 ISIP 1162
FFP 673-- 923 FSIP 1162

DST #3/4315'-4347' ("L" Zone) 30-45-45-60. Blow: strong. Rec.: 219' gas in pipe, 370' clean oil, 192' very slightly mud cut oil, 475' mud cut water.
IFP 134 - 327 ISIP 1172
FFP 413--529 FSIP 11162

DST #4/4445'-4513' (Marm. & Paw.) 30-30-10-out. Blow: very weak, died 4 min. Rec.: 3' mud.
IFP 96 - 106 ISIP 538
FFP 106 - 106 FSIP none taken

DST #5/4525'-4590' (Myric Station & Ft. Scott) misrun. Packer failure.

Name	Top	Bottom
Anhydrite	2131 + 665	
Heebner	3962	-1166
Lansing	4004	-1208
Stark	4292	-1496
Base Kansas City	4376	-1580
Marmaton	4398	-1602
Pawnee	4497	-1701
Fort Scott	4546	-1750
Cherokee	4570	-1774
Mississippian	4660	-1864
LTD	4684	-1888

DST #6/4508'-4590' (Myric Station & Fort Scott) 60-60-60-60. Blow: weak throughout. Rec.: 30' very slightly oil cut mud.
IFP 106 - 115 ISIP 211
FFP 115 - 115 FSIP 182

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"	24#	337'	60-40 pozex	220	2% gel/3% cc
Production	7 7/8"	4 1/2"	15.5#	4681'	" " "	190	2% gel/10% salt
			DV Tool @	2132'	" " "	400	2% gel

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record

(Amount and Kind of Material Used) Depth

Two	4378'	Acidized w/500 gals. - 15% MCA	
		total load - 81 bbls. - MTR	1/4
		bbl. per min. MTP - 500#	

TUBING RECORD

Size

Set At

Packer at

Liner Run

☐ Yes ☐ No

2 3/8"

4347'

N/A

Date of First Production

Producing Method

☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....

June 15, 1985

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	25 Bbls	-0- MCF	Trace Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented
☐ Sold
☐ Used on Lease

☐ Open Hole ☒ Perforation
☐ Other (Specify)

DUALITY COMPLETED

DUALITY COMPLETED

DUALITY COMPLETED

DUALITY COMPLETED

28-2-01