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Ind

SIDE ONE

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

Operator: License # 4511

Name: William H. Davis

Address 2800 Mid-Continent Tower

City/State/Zip Tulsa, Ok. 74103

Purchaser: N/A

Operator Contact Person: Mike Purdum

Phone (918) 587-7782

Contractor: Name: H-30 Drilling Co.

License: 5107

Wellsite Geologist: Paul Barker

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

☐ Oil ☐ SWD ☐ Temp. Abd.

☒ Gas ☐ Inj ☒ Delayed Comp.

☐ Dry ☐ Other (Core, Water Supply, etc.)

OWWO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

11-3-87 11-8-87 3-30-88
Spud Date Date Reached TD Completion Date

API NO. 15- 077-21,163

County Harper

SE SE NE Sec. 7 Twp. 33S Rge. 5 ☒ East ☒ West

2970 Ft. North from Southeast Corner of Section

330 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

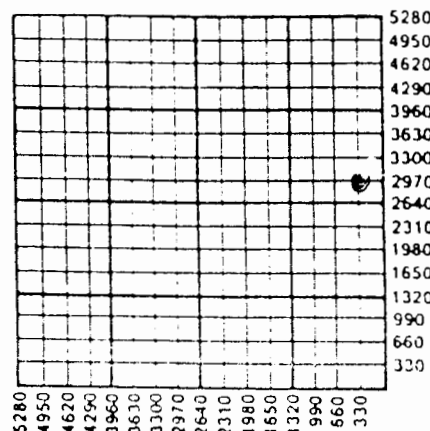
Lease Name Adams Well # 1-7

Field Name Freeport South Revival

Producing Formation Stalnaker

Elevation: Ground 1317 KB 1325

Total Depth 3583 PBTD 3545



Amount of Surface Pipe Set and Cemented at 271 Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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. ALL CEMENTING TICKETS MUST BE ATTACHED.** Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 [Signature]

Title Operator Date 9-12-90

Subscribed and sworn to before me this 12 day of September, 1990.

Notary Public [Signature] SEP 12 1990

Date Commission Expires 3-27-94

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: JS
(Specify)

SIDE TWO

Operator Name William H. Davis Lease Name Adams Well # 1-7
 Sec. 7 Twp. 33S Rge. 5 ☐ East ☒ West
 County Harper

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
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey ☒ Yes ☐ No
 Cores Taken ☐ Yes ☒ No
 Electric Log Run ☒ Yes ☐ No
 (Submit Copy.)

DST #1 3471-3483 (15-60-60-120)
 IHP 1755#; FHP 1689#; gas to surface
 12 min. 1123 mcf; Rec. 0.64 Bbls fluid
 IFP = 73# FFP = 239#
 ISIP = 1485# FSIP = 1484#
 BHT = 124°

Formation Description

☒ Log ☐ Sample

Name	Top	Bottom
Heebner	3090	-1765
Iatan	3437	-2112
Stalnaker	3470	-2145

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#	271	Sure fill	200	2% cc
Production	7 7/8	4 1/2	10.5	3625	60-40 poz	250	10% salt 2% gel

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

4	3473-3481	no treatment

Acid, Fracture, Shot, Cement Squeeze Record
 (Amount and Kind of Material Used) Depth

TUBING RECORD

J55EUE

Size

2 3/8"

Set At

3469'

Packer At

None

Liner Run

☐ Yes ☒ No

Date of First Production

Producing Method

☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

shut-in wopl

Estimated Production
Per 24 Hours

Oil Bbls.
3

Gas Mcf
650

Water Bbls.
0

Gas-Oil Ratio
216,667:1

Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
 (If vented, submit ACO-18.)

☐ Open Hole ☒ Perforation ☐ Dually Completed ☐ Commingled
☐ Other (Specify) _____

3473' - 3490'

RELEASED

MAR 1 1988

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
FROM CONFIDENTIALITY ACT
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, KS 67202

Purchaser NA

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

Contractor: License # 5107
Name H-30 Drilling, Inc.

Wellsite Geologist Paul Barker
Phone 405/232-3070

Designate Type of Completion
☒ New Well ☐ Re-Entry ☐ Workover
☐ Oil ☐ SWD ☐ Temp Abd
☒ Gas SI ☐ Inj ☐ Delayed Comp.
☐ Dry ☐ Other (Core, Water Supply etc.)
If ONNO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: ☒ Mud Rotary ☐ Air Rotary ☐ Cable
11/03/87 11/08/87
Spud Date Date Reached TD Completion Date
3680' 3583'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 280 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 #

SIDE ONE

077-21,163

API NO. 15-
County Harper
SE 1/4 SE 1/4 NE 1/4 Sec. 7 33S 5W East
..... Twp. Rge. X West
2970
..... Ft North from Southeast Corner of Section
330
..... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

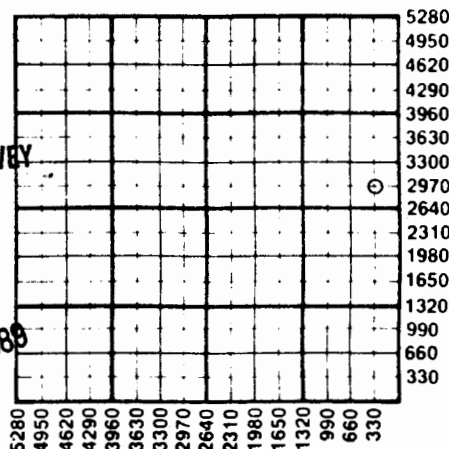
Lease Name Adams Well # 1-7

Field Name Freeport South Revival

Producing Formation Stalnaker

Elevation: Ground 1317 1325 KB

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 from city, R.W.D. #)

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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 02/16/88

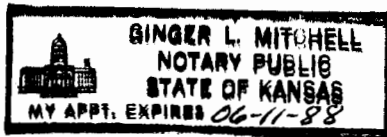
Subscribed and sworn to before me this 16th day of February 1988

Notary Public Ginger L. Mitchell
(Ginger L. Mitchell)

Date Commission Expires June 11, 1988

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

FEB 18 1988



K.C.C. OFFICE USE ONLY

☒ Letter of Confidentiality Attached
☐ Wireline Log Received
☐ Drillers Timelog Received

Distribution

KCC SWD/Rep NGPA
☒ KGS ☐ PUG ☐ Other
(Specify)

Form ACO-1 (5-86)

Sec. 7, Twp. 33, Rge. 5, S. 4

SIDE TWO

Operator Name Rine Exploration Company Lease Name Adams Well # 1-7

Sec. 7 Twp. 33 South Rge. 5 West ☐ East ☒ West County Harper

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
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DST #1 - 3471'-3483' (15-60-60-120) Gas to surface in 12 min. Stabilized @ 1,123,000.	Name	Top	Bottom
	Heebner	3090	-1765
	Iatan	3437	-2112
	Stalnaker	3470	-2145

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#	271'	Sure Fill	200	2% cc
Production	7 7/8"	4 1/2"	10.5#	3625'	60-40 Poz	250	10% salt, 2% gel

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth

TUBING RECORD			
Size	Set At	Packer at	Liner Run ☐ Yes ☐ No

Date of First Production	Producing Method				
	☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....				
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	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		