

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

5

API NO. 15-007-22,181-00-00

County Barber

NW 1/4 NE 1/4 SW 1/4 Sec. 24 Twp. 32S Rge. 12 East  
X West

2310 Ft North from Southeast Corner of Section  
3630 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

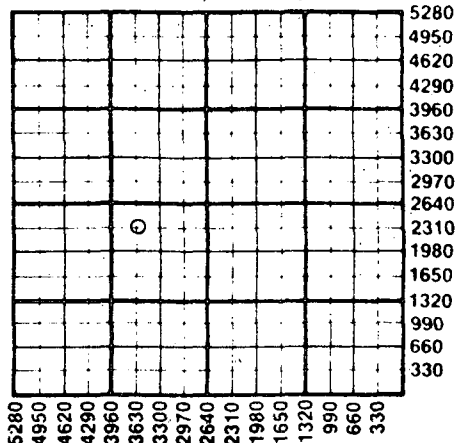
Lease Name Mabel Thomas Well # 1-24

Field Name N/A

Producing Formation N/A

Elevation: Ground 1490 KB 1498

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

X Surface Water 3300 Ft North from Southeast Corner  
(Stream, pond etc) 2970 Ft West from Southeast Corner  
Sec 24 Twp 32S Rge 12 East X West

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

Operator: License # 5020  
Name Rine Exploration Company  
Address Suite #645  
300 W. Douglas  
City/State/Zip Wichita, KS 67202-2904

Purchaser N/A

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

Contractor: License # 5929  
Name Duke Drilling Co., Inc.

Wellsite Geologist Tom N. McElroy  
Phone 316/262-5418

Designate Type of Completion  
X New Well Re-Entry Workover

Oil SWD Temp Abd  
Gas Inj Delayed Comp.  
X 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:  
X Mud Rotary Air Rotary Cable  
03/21/88 03/30/88 03/31/88  
Spud Date Date Reached TD Completion Date  
4772'  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 356 feet  
Multiple Stage Cementing Collar Used? Yes X No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated  
from feet depth to w/ SX cmt  
Cement Company Name  
Invoice #  
A I I O P O

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. 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 05/19/88

Subscribed and sworn to before me this 19th day of May 1988  
Notary Public Ginger L. Mitchell  
(Ginger L. Mitchell)  
Date Commission Expires June 11, 1988

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  
RECEIVED Plug Other  
STATE CORPORATION COMMISSION  
MAY 23 1988 5-23-88  
Form ACO-1 (5-86)

CONSERVATION DIVISION  
Wichita, Kansas

Sec 24 Twp 32S Rge 12W

SIDE TWO

Operator Name Rine Exploration Company Lease Name Mabel Thomas Well # 1-24

Sec. 24 Twp. 32S Rge. 12  East  West County Barber

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: 3554'-3600' 30-60-30-60. Strong blow, rec. 460' gas in pipe, 70' very slightly gas & oil cut mud.  
 IFP 56 - 56 ISIP 1112  
 FFP 56 - 56 FSIP 1057

DST #2: 4683'-4695' 30-30-30-30. Weak blow, died in 30 min. Rec. 25' mud.  
 IFP 52 - 52 ISIP 52  
 FFP 52 - 52 FSIP 52

DST #3: 4690'-4705' 30-60-45-90. Fair blow throughout. Rec. 50' mud w/slight show of oil.  
 IFP 56 - 56 ISIP 1334  
 FFP 56 - 56 FSIP 1422

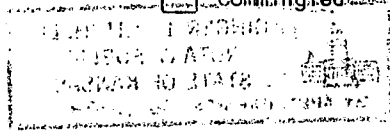
Name	Top	Bottom
<b>SAMPLE TOPS</b>		
Base Deer Creek	3397	-1899
Heebner	3571	-2073
Brown Lime	3759	-2261
Stark	4144	-2646
Mississippian	4356	-2858
Kinderhook	4489	-2991
Viola	4609	-3111
Simpson Sand	4693	-3195
RTD	4772	-3274
<b>E-LOG TOPS</b>		
Base Deer Creek	3396	-1898
Heebner	3570	-2072
Lansing	3761	-2263
Stark Shale	4150	-2652
Mississippian	4371	-2873
Kinderhook	4496	-2998
Viola	4613	-3115
Simpson Sandstone	4696	-3198
LTD	4775	-3277

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	12 1/4"	8 5/8"	23#	356'	60/40 poz mix	200	2% gel, 3% cc
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				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	Producing Method <input 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		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Solid  Other (Specify) .....  
 Used on Lease  Dually Completed .....  
 Commingled .....



NOTICE OF INTENTION TO DRILL

(see rules on reverse side)

Expected Spud Date 03/19/88 month day year

API Number 15-007-22,181-00-00

OPERATOR: License # 5020 Rine Exploration Company Suite #645, 300 W. Douglas Wichita, KS 67202-2904 M. Bradford Rine 316/262-5418

NW 1/4 NE 1/4 SW 1/4 Sec. 24 Twp. 32 S, Rg. 12 East 2310 West 3630 Ft. from South Line of Section Ft. from East Line of Section

(Note: Locate well on Section Plat on reverse side)

CONTRACTOR: License # 5929 Duke Drilling Co., Inc. Wichita, KS 67202

Nearest lease or unit boundary line 330 feet County Barber

Well Drilled For: Oil Storage Infield Gas Inj Pool Ext OWWO Expl Wildcat

Lease Name Mabel Thomas Well # 1-24 Ground surface elevation 1490 (L&S) feet MSL

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

Domestic well within 330 feet: yes no Municipal well within one mile: yes no

I certify that well will comply with K.S.A. 55-101, et seq., plus eventually plugging hole to KCC specifications. Date 03/02/88 Signature of Operator or Agent M. Bradford Rine Title Vice President

For KCC Use: Conductor Pipe Required feet; Minimum Surface Pipe Required 200 feet per Alt. This Authorization Expires 3-2-88 Approved By P.A. 3-2-88

EFFECTIVE DATE: 3-7-88 Move in 3-21-88 8 1/2 @ 340 NO

NW 1/4 NE 1/4 SW 1/4 Sec. 24 Twp. 32 S, Rg. 12 East West

PLUGGING PROPOSAL IF ABOVE IS D & A

This plugging proposal will be reviewed and approved or revised at the time the district office is called prior to setting surface casing (call 7 a.m. to 5 p.m. workdays).

1st plug @ ft. deep B/Anhydrite or formation with 50 sacks feet of 60-40 poz, 2% gel, 3% cc 2nd plug @ ft. deep 360 ft. or formation with 40 sacks feet of 60-40 poz, 2% gel, 3% cc 3rd plug @ ft. deep 40 ft. - 0 ft. or formation with 10 sacks feet of 60-40 poz, 2% gel, 3% cc 4th plug @ ft. deep or formation with feet of 5th plug @ ft. deep or formation with feet of (2) Rathole to surface minus 5 feet - 10 sacks (b) Mousehole to surface minus 5 feet - 10 sacks

PUSHER John Armbruster TD Still Dwg. FORMATION Simp. SURFACE PIPE 8 1/2" @ 356' ANHYDRITE base 415' ELEVATION 1490 Bl. STARTING TIME & DATE 11:45 pm 3-29-88 COMPLETION TIME & DATE 1:45 am 3-31-88 1st PLUG @ 600 FT. W/ 50 SX 2nd PLUG @ 360 FT. W/ 40 SX 3rd PLUG @ 40' FT. W/ 10 SX 4th PLUG @ FT. W/ SX RAT HOLE CIRCULATED W/ 15 SX MOUSE HOLE CIRCULATED W/ SX WATER WELL PLUGGED W/ none CEMENT COMPANY B. J. STITAN TECHNICIAN S.P.

60/40 poz 6 1/2 g of 1:45 PM Rine RECEIVED STATE CORPORATION COMMISSION APR - 6 1988 CONSERVATION DIVISION Wichita, Kansas