

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

Operator: License # 08552Name: George A. LoweAddress P. O. Box 878City/State/Zip Olathe, Ks 66061Purchaser Grude MarketingOperator Contact Person: Alex LowePhone (913) 829-0167Contractor: Name: Reusch Well Service, Inc.License: 4441

Wellsite Geologist: _____

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover☒ Oil ☐ SWD ☐ SIOW ☐ Temp. Spud☐ Gas ☐ ENHR ☐ SIGW☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD☐ Plug Back ☐ PBTD☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SWD or Inj?) ☐ Docket No. _____

9/22/90 10/12/90 11/15/90
Spud Date Date Reached TD Completion Date

API NO. 15- 121 - 27,052County Miami- SW 4 Sec. 29 Twp. 16 Rge. 22 ☒ E ☐ W2470 Feet from S/N (circle one) Line of Section3965 Feet from E/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Lowe Well # 11 should be 1Field Name Paola RantoulProducing Formation SquirrelElevation: Ground Unknown KB _____Total Depth 740' PBTD _____Amount of Surface Pipe Set and Cemented at 20 FeetMultiple 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.

Drilling Fluid Management Plan 6-18-99
Data must be collected from the Reserve Pit)

_____ content _____ ppm Fluid volume _____ bbls

Deaerating method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

_____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report 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.

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 George A. LoweTitle Owner Date 11-26-91Subscribed and sworn to before me this 26 day of November, 19 91.Notary Public Sheryl DruryDate Commission Expires 10-10-94

Sheryl Drury
NOTARY PUBLIC
State of Kansas
MY APPT. EXPIRES 10-10-94

K.C.C. OFFICE USE ONLY

F ☐ Letter of Confidentiality Attached
C ☐ Wireline Log Received
C ☐ Geologist Report Received

Distribution

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

Operator Name George A. LoweLease Name LoweWell # 14Sec. 29 Twp. 16S Rge. 22 ☒ EastCounty Miami☐ West

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
(Attach Additional Sheets.)☐ Yes ☒ No

Samples Sent to Geological Survey

☐ Yes ☒ No

Cores Taken

☐ Yes ☒ NoElectric Log Run
(Submit Copy.)☒ Yes ☐ No

List All E.Logs Run:

☐ Log

Formation (Top), Depth and Datum

☐ Sample

Name

Top

Datum

Base of the Kansas City
Squirell Sand 380' @ Hertha
658-664
TD 720'

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	6 5/8	6 1/4		20'	Portland	6	
Production	5 1/8	2 7/8		695	Portland		

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
1	660, 662, 664	Acid Fracture 40 sacks	658-664

TUBING RECORD				Size	Set At	Packer At	Liner Run	☐ Yes ☐ No
Date of First, Resumed Production, SWD or Inj.					Producing Method			
October 30, 1990					☐ Flowing	☒ Pumping	☐ Gas Lift	☐ Other (Expl)
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

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

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____

Reusch Well Service
Suite 11 Professional Building
401 S Main
Ottawa, Ks. 66067

EAST

WELL LOG
Lowe #14
Alex Lowe

Thickness of Strata	Formation	Total
8	Soil	8
12	Lime	20
3	Shale	23
6	Lime	29
20	Shale	49
14	Lime	63
27	Shale	90
14	Lime	104
97	Shale	201
19	Lime	220
38	Shale	258
10	Lime	268
14	Shale	282
7	Lime	289
6	Shale	295
2	Lime	297
13	Shale	310
26	Lime	336
6	Shale	342
22	Lime	364
11	Shale	369
144	Lime	380 Hertha
10	Shale	524
14	Lime	534
8	Shale	548
9	Lime	556
3	Shale	565
10	Lime	568
6	Shale	578
9	Coal	584
8	Lime	593
10	Shale	601
3	Lime	611
5	Shale	614
3	Lime	619
7	Shale	622
2	Lime	629
7	Shale	631
5	Lime	638
2	Shale	643
3	Lime	645
4	Shale	648
3	Lime	652
	Shale	655 (cir)