

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 32638
Name: Nadel and Gussman, L.L.C.
Address: 3200 First Place Tower
City/State/Zip: Tulsa, OK 74103
Purchaser: El Paso
Operator Contact Person: Chuck Coday
Phone: (918) 583-3333
Contractor: Name: Cheyenne Drilling Inc.
License: 5382
Wellsite Geologist: N/A

Designate Type of Completion:

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

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

☐ Deepening ☐ Re-perf. ☐ Conv. to Enhr./SWD

☐ Plug Back ☐ Plug Back Total Depth

☐ Commingled ☐ Docket No. _____

☐ Dual Completion ☐ Docket No. _____

☐ Other (SWD or Enhr.?) ☐ Docket No. _____

3/4/02 3/7/02 5/9/02
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 129-21663-0000

County: Morton

C SW SW Sec. 16 Twp. 32 S. R. 43 ☐ East ☒ West

1250 feet from S / N (circle one) Line of Section

1250 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Miller Well #: 2-16

Field Name: Greenwood

Producing Formation: Topeka

Elevation: Ground: 3625 Kelly Bushing: 3630

Total Depth: 3416 Plug Back Total Depth: 3324

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 II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume Dry bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License No.: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 of 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: Chuck Coday

Title: Sr. Operations Engineer 5/9/02

Subscribed and sworn to this 19 day of May

2002

Notary Public: Kathy Garrow

Date Commission Expires: 8-1-03

KCC Office Use ONLY

☐ Letter of Confidentiality Attached
If Denied, Yes ☐ Date: _____
☐ Wireline Log Received
☐ Geologist Report Received
☐ UIC Distribution

Operator Name: Nadel and Gussman, L.L.C. Lease Name: Miller Well #: 2-16
 Sec. 16 Twp. 32 S. R. 43 East ☒ West County: Morton

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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)

List All E. Logs Run:

High Resolution Induction
 Spectral Density Dual Spaced Neutron II
 w/Microlog

☒ Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 Topeka 2740 890

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	24.0	640	Light Class 'C' Class 'C'	100 150	3% D79, 0.2% D46, 1/4# D29 2% CaCl2, 1/4# D29
Production	7-7/8	5-1/2	14.0	3416	Light Class 'C' Self Stress I	350 225	3% D79, 0.2% D46, 1/4# D29 1/4# D29
					D79-extender, D46-antifoamer, D29-cello flakes		

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> 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
2	3260-64	Acidize w/250 gals 15% HCL	
2	2952-54, 2962-73	Acidize w/4500 gals 20% HCL 70Q Foam	
2	3042-44, 3062-66	Acidize 2/2000 gals 20% HCL 70Q Foam	
2	3124-30, 3138-42	Acidize w/3500 gals 20% HCL 70Q Foam	
	RBP set @ 3248 KB on 5/2/02		3248

TUBING RECORD		Size	Set At	Packer At	Liner Run	
		2.375	3323	NA	Yes	✓ No
Date of First, Resumed Production, SWD or Enhr.			Producing Method			
4/16/02			Flowing ✓ Pumping Gas Lift Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls	Gas-Oil Ratio	Gravity	
	0	85	17			

Disposition of Gas METHOD OF COMPLETION

Production Interval 2952-3264

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

☐ Open Hole ☒ Perf.
☐ Other (Specify)

Dually Comp. ☐ Commingled