

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

API NO. 15- N/A 15-077-20,0200001

County Harper

C - NW - Sec. 21 Twp. 31S Rge. 9 E XW

1320 Feet from S (circle one) Line of Section

1320 Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Donald Muir Well # 1

Field Name Spivey-Grab

Producing Formation Mississippi

Elevation: Ground 1675 KB 1680

Total Depth 4530 PBDT 4500

Amount of Surface Pipe Set and Cemented at 268 Feet

Multiple Stage Cementing Collar Used? Yes X

If yes, show depth set _____

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cat

Drilling Fluid Management Plan REWORK JWA/A12-26-95
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering 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. _____

Operator: License # 03553

Name: Citation Oil & Gas Corp.

Address 8223 Willow Place South Ste 250

Houston, Texas

City/State/Zip 77070-5623

Purchaser: Peoples Natural Gas

Operator Contact Person: Jeff Stevenson

Phone (405) 681-9400

Contractor: Name: N/A

License: ORIGINAL

Wellsite Geologist: N/A

Designate Type of Completion

 New Well Re-Entry X Workover

 Oil SWD SLOW Temp. Abd.

 X Gas ENHR SIGW

 Dry Other (Core, VSW, Expl., Cathodic, etc)

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

Operator: Shenandoah Oil Corp.

Well Name: Donald Muir #1

Comp. Date 6-9-67 Old Total Depth 4530

 X CEMENT SQUEEZE + ACIDIZING TREATMENT

 Deepening Re-perf. Conv. to Inj/SWD

 Plug Back PBDT

 Commingled Docket No. _____

 Dual Completion Docket No. _____

 Other (SWD or Inj?) Docket No. _____

5-14-95

5-14-95

SPUD Date OF START Date Reached TD
OF WORKOVER

Completion Date OF
WORKOVER

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.

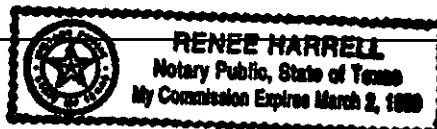
Signature Sharon Ward

Title Prod. Reg. Supv. Date 5-24-95

Subscribed and sworn to before me this 24 day of May, 1995.

Notary Public Renee Harrell

Date Commission Expires _____



K.C.C. OFFICE USE ONLY RECEIVED
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution 5-30-95
 X KCC SWD/Rep NGPA
 KGS Plug WIGHT/Other
(Specify)

Operator Name Citation Oil & Gas copr. Lease Name Donald Muir Well # 1

Sec. 21 Twp. 31S Rge. 9 East County Harper
 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.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
List All E.Logs Run:				

ORIGINAL

CASING RECORD <input 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		8 5/8	20	268	Reg w/HA-5	225	
Production		4 1/2	9.5	4530	Pozmix	175	250 gal mud flush

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate				
<input checked="" type="checkbox"/> Protect Casing	693-755	40/60 Pozmix	250	2% gel, 13% CaCl
<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
	4438'-4458'	Spot 500 gal 15% FE HCL 110 gal Champion TC-30 scale converter mixed w/220 gal 2% KCL wtr. Dump'd 250 gals 15% HCL dn tbg. Spotted 3 bbbls 15% HCL. Ld csg w/40 bbbls 2% KCL wtr mix'd w/1 gal 1000 gal surfactant Acidized w/900 gal 15% HCL+1gal/1000gal HA1-81+2gal/1000gal surf.	4438-4458

TUBING RECORD		Size 2 3/8	Set At 4496	Packer At SN # 4481	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First, Resumed Production, SWD or Inj.			Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
Estimated Production Per 24 Hours	Oil 0	Bbls.	Gas 43	Mcf	Water 10	Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Perf. Dually Comp. Commingled

Production Interval: 4438-4458

