

ORIGINAL  
SIDE ONE

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

API NO. 15- 095-21,624-0000

County Kingman

75' W C NW SW Sec. 3 Twp. 29S Rge. 8 XX East West

1980 Ft. North from Southeast Corner of Section

4695 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

Lease Name Nelson A Well # 1

Field Name Garlisch SW

Producing Formation Mississippi

Elevation: Ground 1670' KB 1675'

Total Depth 4595' PBD 4245'

Operator: License # 3517

Name: Columbian Services Corporation

Address Bank IV Tower

P.O. Box 3501

City/State/Zip Topeka, KS 66601-3501

Purchaser: Peoples

Operator Contact Person: Stan Brady

Phone (913) 234-0581

Contractor: Name: H-30 Drilling, Inc. 4-19-1990

License: 5107

Wellsite Geologist: Gary E. Gensch

Designate Type of Completion

X New Well Re-Entry Workover

Oil SWD Temp. Abd.     
Gas Inj Delayed Comp.     
Dry Other (Core, Water Supply, etc.)

If OAWO: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

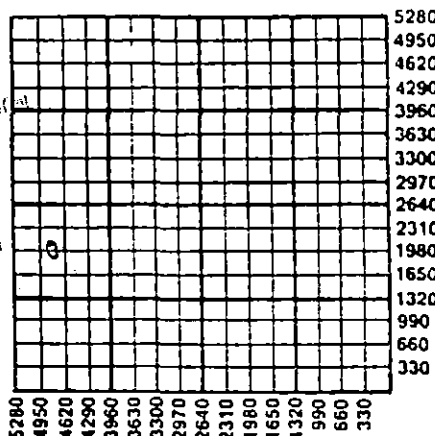
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:

X Mud Rotary Air Rotary Cable

12-23-89 1-4-90 2-27-90

Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 257 Feet:

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate-II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx amt.

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-1 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 Stan Brady

Title Operations Manager Date 4-10-90

Subscribed and sworn to before me this 10<sup>th</sup> day of April, 19 90.

Notary Public Lois K. Long

Lois K. Long  
Date Commission Expires 11-26-90  
State of Kansas  
My Appt. Expires 11-26-90

K.C.C. OFFICE USE ONLY  
 Letter of Confidentiality Attached  
 Wireline Log Received  
 Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

ORIGINAL

X 11

ORIGINAL  
SIDE TWO

Operator Name Columbian Services Corp Lease Name Nelson A Well # 1

Sec. 3 Twp. 29S Rge. 8W  East  West  
County Kingman

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Formation Description  <input type="checkbox"/> Log <input checked="" type="checkbox"/> Sample		
See Attached Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
		Name	Top	Bottom
		Sand	0	85'
		Sand & Shale	85'	274'
		Red Bed	274'	700'
		Shale	700'	1,227'
		Shale & Shells	1,227'	1,377'
		Shale & Lime	1,377'	1,752'
		Shale	1,752'	2,040'
		Lime & Shale	2,040'	4,515'
		Lime, Shale & Chert	4,515'	4,525'
		Sand	4,525'	4,595'

CASING RECORD  RTD  New  Used Production  
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"	20#	257'	60-40 poz	170	3% cc
Production	7 7/8"	4 1/2"	10.5#	4,307'	50-50 Poz	250	

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4,134 - 4,143	Acidized w/250 gals 15% DSFE acid	

TUBING RECORD Size 2 3/8 Set At 4,082' Packer At N/A Liner Run  Yes  No

Date of First Production SIWOPL Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Trace	Bbls.	Gas 300	Mcf	Water 85	Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)  
METHOD OF COMPLETION:  Open Hole  Perforation  Dually Completed  Commingled  
 Other (Specify) \_\_\_\_\_

ORIGINAL