

3411

5-33-9E

COPY

SIDE ONE

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

Operator: License # 3272Name: ARGAS, INC.Address 1901 NEW STREETCity/State/Zip INDEPENDENCE, KS 67301Purchaser: NONEOperator Contact Person: T.L. CARROLLPhone (316) 331-1615Contractor: Name: T.L. CARROLL ENTERPRISESLicense: 5807Wellsite Geologist: LOREN D. SCHMIDT

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover☐ Oil ☐ SWD ☐ Temp. Abd.☐ Gas ☐ Inj ☐ Delayed Comp.☒ Dry ☐ Other (Core, Water Supply, etc.)

AND: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

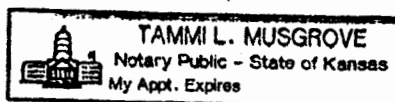
Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable10-03-91 10-10-91 10-11-91

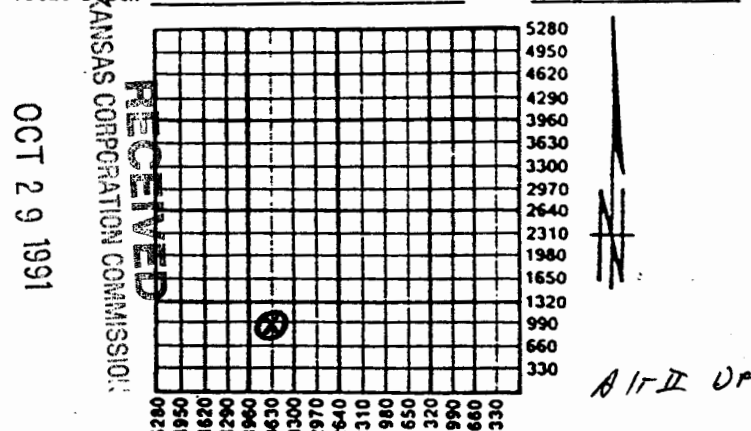
Spud Date Date Reached TD Completion Date

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-4 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 Tammi L. MusgroveTitle GEOLOGIST Date 10-24-91Subscribed and sworn to before me this 24th day of OCTOBER, 19 91.Notary Public Tammi L. MusgroveDate Commission Expires JANUARY 23, 1994API NO. 15- 019-26,159County CHAUTAUQUAC-NW SE SW Sec. 05 Twp. 33 Rge. 09 XXX East West990 Ft. North from Southeast Corner of Section3630 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

Lease Name NELSON Well # #2Field Name RICH NORTHWESTProducing Formation N/AElevation: Ground 1064 KBTotal Depth 2323 PBTDAmount of Surface Pipe Set and Cemented at 40' 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.

K.C.C. OFFICE USE ONLY
F ☐ Letter of Confidentiality Attached
C ☒ Wireline Log Received
C ☐ Drillers Timelog Received

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

Form ACO-1 (7-89)

SIDE TWO

Operator Name ARGAS, INC.Lease Name NELSONWell # #2☒ EastCounty CHAUTAUQUASec. 05 Twp. 33 Rge. 09☐ 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	Formation Description ☒ Log ☐ Sample <table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr><td>IATON LS.</td><td>866</td><td></td></tr> <tr><td>STALNAKER SS.</td><td>909</td><td></td></tr> <tr><td>IOLA LS.</td><td>1298</td><td></td></tr> <tr><td>LAYTON "A" SS.</td><td>1316</td><td></td></tr> <tr><td>LAYTON "B" SS.</td><td>1367</td><td></td></tr> <tr><td>LAYTON "C" SS.</td><td>1444</td><td></td></tr> <tr><td>DODDS CREEK SS.</td><td>1526</td><td></td></tr> <tr><td>BASE KANSAS CITY LS.</td><td>1700</td><td></td></tr> <tr><td>LENPAH LS.</td><td>1712</td><td></td></tr> <tr><td>ALTAMONT LS.</td><td>1778</td><td></td></tr> <tr><td>PAWNEE LS.</td><td>1877</td><td></td></tr> <tr><td>FT. SCOTT LS.</td><td>1918</td><td></td></tr> <tr><td>CHEROKEE GP</td><td>1961</td><td></td></tr> </tbody> </table>	Name	Top	Bottom	IATON LS.	866		STALNAKER SS.	909		IOLA LS.	1298		LAYTON "A" SS.	1316		LAYTON "B" SS.	1367		LAYTON "C" SS.	1444		DODDS CREEK SS.	1526		BASE KANSAS CITY LS.	1700		LENPAH LS.	1712		ALTAMONT LS.	1778		PAWNEE LS.	1877		FT. SCOTT LS.	1918		CHEROKEE GP	1961	
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Samples Sent to Geological Survey	☐ Yes ☒ No																																											
Cores Taken	☐ Yes ☒ No																																											
Electric Log Run (Submit Copy.)	☒ Yes ☐ No																																											
NAME	TOP																																											
MISSISSIPPIAN CHAT	2239																																											
MISSISSIPPIAN LS.	2254																																											
T.D.	2323																																											

CASING RECORD

☐ New ☒ Used

TESTED

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"	NA	40'	PORTLAND	15sks	

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run
				☐ Yes ☐ No

Date of First Production	Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)						
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio
							Gravity

Disposition of Gas:

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

METHOD OF COMPLETION

☐ Open Hole ☐ Perforation ☐ Dually Completed ☐ Commingled
☐ Other (Specify) _____

Production Interval

*****DRY HOLE*****



T.L. Carroll Enterprises

Route 1 - Woodland View, Box 21-D

Phone 316-331-1615

Independence, Kansas 67301

5-33-9E

COPY



WELL NO. 2 LEASE Nelson OPERATOR Argas
LOCATION C NW -SE-SWEE. 05 TWP. 33 RGN. 09
STATE Kansas COUNTY Chautauqua API =
WELL DEPTH 240.00 FEET. WATER. DISPOSAL. INJECTION
CEMENT CAPPING FT. 40 SIZE CAGE. 7 5/8 SACKS 15 KIND CEMENT
PERFORATION CAPPING FT. SIZE CAGE. SACKS KIND CEMENT
PERFORATION OIL. GAS. WATER. DRY
STARTING DATE COMPLETION DATE T.C. 2323
HOLE SIZE 6 1/2 DRILLER J.D.H. + JRL.

DRILLER LOG

DEPTH	FEET	FORMATION	DEPTH	FEET	FORMATION
0	2	soil	584	591	sand
2	6	Clay	591	608	Red shale
6	10	Lime	608	630	shale
22	22	shale	630	633	Lime
22	27	sand	633	642	sand
27	39	shale	642	645	lime
39	40	lime	645	706	sdly shale
40	82	shale	706	709	lime
82	87	lime	709	864	sdly shale
87	138	shale	864	869	lime
138	145	lime	869	905	shale
145	232	shale	905	1025	sand
232	308	shale lime	1025	1133	sdly shale
308	336	Red shale	1133	1136	lime
336	352	lime	1136	1185	shale
352	357	shale	1185	1189	lime
357	378	lime w/shale	1189	1314	shale
378	388	lime	1314	1333	sand
388	463	shale	1333	1363	sdly shale
463	477	sand	1363	1429	sandy
477	510	lime w/shale	1429	1440	shale
510	548	shale	1440	1487	sand
548	575	lime	1487	1521	lime
575	584	shale	1521	1550	sand

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OCT 29 1991
CONSERVATION DIVISION
WICHITA, KS



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Route 1 — Woodland View, Box 21-D

Phone 316-331-1615

Independence, Kansas 67301

COPY



WELL NO. 2 LEASE Nelson OPERATOR Argus
 LOCATION C NW SE SW SEC. 05 TWP. 33 RBN. 09
 STATE Kansas COUNTY Chautauqua AFO =
 WELL DEPTH 2124 GAS. WATER. DISPOSAL. INJECTION
 SURFACE CASING FT. 40 SIZE CASE. 7 7/8 SACKS 15 KIND CEMENT
 PRODUCTION CASING FT. SIZE CASE. SACKS KIND CEMENT
 PRODUCTION (OIL, GAS, WATER, DRY)
 STARTING DATE COMPLETION DATE T.D.
 -ILE SIZE 6 1/2 DRILLERS J.D.H. + J.R.L.

DRILLER LOG

DEPTH	FORMATION	FROM	TO	REMARKS	
1550	1561	sdv shale	2088	2094	lime
1561	1568	sand	2094	2119	sdv shale
1568	1599	sdv shale	2119	2124	lime
1599	1654	lime	2124	2132	sdv shale
1654	1666	shale	2132	2155	shale
1666	1668	Blk shale	2155	2164	sdv shale
1668	1687	shale	2164	2234	shale
1687	1695	lime	2234		miss.
1695	1725	shale			
1725	1728	Blk shale	<u>2323</u>		TD
1728	1753	shale			
1753	1755	lime			
1755	1781	shale			
1781	1803	lime			
1803	1868	shale			
1868	1881	lime			
1881	1895	shale			
1895	1919	lime			
1919	1932	shale			
1932	1957	lime			
1957	2032	shale			
2032	2034	lime			
2034	2078	shale			
2078	2088	sdv shale			

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