

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

Operator: License # 5952
Name Amoco Production Company
Address P.O. Box 800

City/State/Zip Denver, CO 80201

Purchaser Permian

Operator Contact Person J.L. Hampton
Phone (303) 830-5025

Contractor: License # 3098
Name Exeter Drilling

Wellsite Geologist _____
Phone _____

Designate Type of Completion
 New Well Re-Entry Workover

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

If OWO: old well info as follows:
Operator N/A
Well Name _____
Comp. Date _____ Old Total Depth 754'

API NO. 15- 071-20477-0000
County Greeley
East _____
N/2 NE/4 NW/4 Sec 14 Twp 18S Rge 43 X West _____
4950 Ft North from Southeast Corner of Section
3383 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Moore-Johnson Well # 1

Field Name Wildcat

Producing Formation Morrow

Elevation: Ground 3888' KB 3900'

Section Plat										5280
										4950
										4620
										4290
										3960
										3630
										3300
										2970
										2640
										2310
										1980
										1650
										1320
										990
										660
										330

STATE CORPORATION COMMISSION

JAN 5 1990
1-5-90

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

9/11/89 9/19/89 12/1/89
Spud Date Date Reached TD Completion Date

5290' 5209'
Total Depth PBTD 2-15-90

Amount of Surface Pipe Set and Cemented at 529 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2629' in 5-1/2" csg. 300 feet
If Alternate 2 completion, cement circulated from 2629' feet depth to 0 w/ 300 SX cmt
Cement Company Name WESTERN
Invoice # _____

CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: _____ Disposal
Docket # _____ Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717
Source of Water:
Division of Water Resources Permit # _____
 Groundwater _____ Ft North from Southeast Corner
(Well) _____ Ft West from Southeast Corner of
Sec _____ Twp _____ Rge _____ East _____ West _____
 Surface Water _____ Ft North from Southeast Corner
(Stream, pond etc) _____ Ft West from Southeast Corner of
Sec _____ Twp _____ Rge _____ East _____ West _____
 Other (explain) settled with surface owner
(purchased from city, R.W.D. #)

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. 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 compiled with and the statements herein are complete and correct to the best of my knowledge.

Signature J.L. Hampton
J.L. Hampton
Title Administrative Supv. Date 1/3/90

Subscribed and sworn to before me this 3rd day of
January, 19 90
Notary Public Julia A. Victor
Date Commission Expires 4/7/90

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Drillers Timelog Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep <input type="checkbox"/> NGPA
<input checked="" type="checkbox"/>	KGS	<input type="checkbox"/> Plug <input type="checkbox"/> Other
		(Specify)

X PI

Operator Name Amoco Production Company Lease Name Moore-Johnson Well # 1

Sec. 14 Twp. 18S Rge. 43 East West County Greeley

WELL LOG

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 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	Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample																								
DST 5132'-5170' 9/18/89 Recovered 2500' of 37 Gravity Oil Initial Open - 5 min./IFP 818 PSI Initial Close - 30 min./ISIP 1024 PSI Final Open - 60 min./FFP 936 PSI Final Close - 120 min./FSIP 1034 PSI IHP: 2426 PSI BHT: 122° F Gas to surface, gauged at 4 MCFD rate Static pressures achieved	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:60%;">Name</th> <th style="width:20%;">Top</th> <th style="width:20%;">Bottom</th> </tr> </thead> <tbody> <tr><td>Neva</td><td>3304'</td><td></td></tr> <tr><td>Virgil</td><td>3570'</td><td></td></tr> <tr><td>Shawnee/Topeka</td><td>3858'</td><td></td></tr> <tr><td>Lansing</td><td>4140'</td><td></td></tr> <tr><td>Cherokee</td><td>4804'</td><td></td></tr> <tr><td>Atoka</td><td>4944'</td><td></td></tr> <tr><td>Morrow</td><td>5034'</td><td></td></tr> </tbody> </table>	Name	Top	Bottom	Neva	3304'		Virgil	3570'		Shawnee/Topeka	3858'		Lansing	4140'		Cherokee	4804'		Atoka	4944'		Morrow	5034'	
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CASING RECORD <input checked="" 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	12-1/4"	8-5/8"	24#	529'	Lite A	150	2% CACL
Production	7-7/8"	5-1/2"	15.5#	5290'	Class H	200	Cello Seal
					65/35 POZ	700	Cello Seal
					Class H	100	Cello Seal

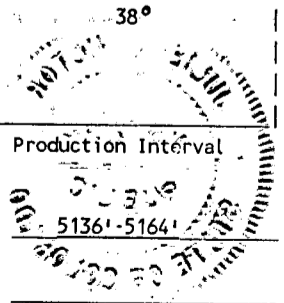
PERFORATION RECORD		ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
4 JSPP	5136'-5164'	N/A	

TUBING RECORD	Size <u>2-7/8"</u>	Set At <u>5170'</u>	Packer at <u>N/A</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First Production	Producing Method			
<u>10/13/89</u>	<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	Gas	Water	Gas-Oil Ratio	Gravity
	522 Bbls	0 MCF	0 Bbls	N/A	38°

METHOD OF COMPLETION

Disposition of gas: Vented Open Hole Perforation
 Sold Other (specify) _____
 Used on Lease Dually Completed Commingled



SERVICES
CEMENTING REPORT

OPERATOR Amoco Production Co.
 WELL NAME & NUMBER Moore Johnson
 LOCATION: SEC. _____ BLOCK OR TOWNSHIP _____ SURVEY OR RANGE _____
 COUNTY Greeley STATE KS
 STAGE NUMBER 1 TYPE JOB L/S Stage

TBG/DP: Size	Weight	Disp	Conductor	Surface	Int.	Prod.	Liner
Perforated Interval			Size			5 1/2	
Pkr. Type	Set at		Weight			15 1/2	
Open Hole Size	Formation		Thread			8 R	
Stage Collar Type <u>Gemeco</u>	Set at <u>2630</u>		Capacity			124.9	
Estimated Wash Out _____ %			Depth			5337	

Sacks or Bbls.	Composition of Cement and Spacer	Gals/sk H ₂ O	Weight Lb/Gal	Yield Ft 3	Pump Time Hours	TOTAL Cu. Ft.	TOTAL Bbls.
20	WMW-1						20
200	Class H Cmt	5.4	15.3	1.26	4:02	252	45

Total Mix H₂O 26 Bbls. Total Displacement 124.9 Bbls, Type Mud Total Products 65 Bbls

Time	Remarks	Rate	Pressure	
			Bbls. x Tubing xxx	Casing
8:45	WMW-1	5	10	200
8:50	Mix Cmt.	5	47	200
9:00	Drop Plug & Wash Lines	--	--	--
9:03	Disp. w/H ₂ O	5	0	0
	Disp. w/Mud	5-6	65	100
9:29	Bump Plug	3	126	600-1100
9:30	Check Float	--	-1/2	0
9:32	Drop Bomb	---	---	---
9:47	Open Tool	---	---	---

RECEIVED
 STATE CORPORATION COMMISSION
 JUN 5 1990
 CONSERVATION DIVISION
 Wichita, Kansas

Break Down At _____ BPM At _____ PSI
 Squeezed To _____ PSI Running _____ Hesitation _____
 Reversed out _____ BBL Slurry at _____ PSI
 Customer considered service _____ Satisfactory _____ Unsatisfactory _____

Max Pressure _____ Differential Press. _____
 Bumped Plug _____ Yes _____ No _____ Pressure to _____
 Cmt. Circ. to surface _____ Sacks _____
 Float Held _____ Yes _____ No _____
 Shut in with _____ PSI

Customer Rep: _____
 052-1451

Service Supervisor Dave Arrington

WESTERN PETROLEUM

DATE 9-20-89

DISTRICT Perryton

F.R.# L102110

SERVICES

OPERATOR Amoco Production Co.

WELL NAME & NUMBER Moore Johnson

CEMENTING REPORT

LOCATION: SEC. _____ BLOCK OR TOWNSHIP _____ SURVEY OR RANGE _____

COUNTY Greeley STATE KS

STAGE NUMBER 2 TYPE JOB L/S Stage

TBG/DP: Size _____ Weight _____ Disp _____	Conductor	Surface	Int.	Prod.	Liner
Perforated Interval _____	Size			5 1/2	
Pkr. Type _____ Set at _____	Weight			15 1/2	
Open Hole Size _____ Formation _____	Thread			8 rd	
Stage Collar Type <u>Jemeco</u> Set at _____	Capacity			62 1/2	
Estimated Wash Out _____ % _____	Depth			2630	

Sacks or Bbls.	Composition of Cement and Spacer	Gals/sk H ₂ O	Weight Lb/Gal	Yield Ft 3	Pump Time Hours	TOTAL Cu. Ft.	TOTAL Bbls.
10	WMW - 1						10
700	Pacesetter	11.0	12.4	1.98	8+	1386	247
100	Class H Cmt	5.4	15.2	1.26	3:45	126	22

Total Mix H₂O 196 Bbls. Total Displacement 62 1/2 Bbls, Type H₂O Total Products _____ Bbls

Time	Remarks	Rate	Bbls.	Pressure
9:50	WMW - 1	5	10	100
9:53	Mix Cmt.	6 1/2	268	200
10:39	Drop Plug (wash on)	--	--	--
10:40	Disp. w/H ₂ O	5	0	0-400
10:57	Bump to Close	2	62 3/4	400 - 1400
10:58	Check Tool	--	- 1/2	0
			RECEIVED STATE CORPORATION COMMISSION JUN 5 1990 CONSERVATION DIVISION Wichita, Kansas	

Break Down At _____ BPM At _____ PSI
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Customer Rep: _____ Service Supervisor Dave Arrington