

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

Operator: License # 9313
Name: James D. Lorenz
Address 543A 22000
City/State/Zip Cherryvale, Ks 67335
Purchaser: unknown @ this time
Operator Contact Person: James D. Lorenz
Phone (316) 328-4433
Contractor: Name: Mokat Drilling Co
License: 5831
Wellsite Geologist: None
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/Reentry: Old Well Info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
_____ Deepening _____ Re-perf. _____ Conv. to Inj/SWD
_____ Plug Back _____ PUID
_____ Commingled _____ Docket No. _____
_____ Dual Completion _____ Docket No. _____
_____ Other (SWD or Inj?) _____ Docket No. _____
3-30-99 4-2-99 4-6-99
Spud Date Date Reached TD Completion Date

API NO. 15- 205-252440000
County Wilson E
NE - SW - NW - _____ Sec. 30 Twp. 29S Rge. 15 _____ W
3630' Feet from S/N (circle one) Line of Section
4290' Feet from E/W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
Lease Name Ne+11 Well # 13
Field Name _____
Producing Formation Bartlesville
Elevation: Ground _____ KB _____
Total Depth 1189 PBSD _____
Amount of Surface Pipe Set and Cemented at 20' / surface feet
Multiple Stage Cementing Collar Used? _____ Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1170
feet depth to 1170' surface w/ 130 sx cmt.

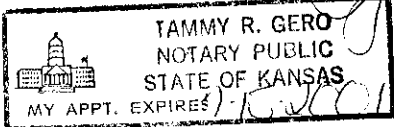
Drilling Fluid Management Plan Att. 2, 5-11-99 uc
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name _____
Lease Name _____ License No. _____
_____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W
County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 207B, 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-113 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 Helen L. Lorenz Helen L. Lorenz
Title Agent Date _____
Subscribed and sworn to before me this 20th day of April, 19 99.
Notary Public _____
Date Commission Expires July 15, 2001

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



05-03-99

Operator Name James D. Lorenz Lease Name Neill Well # 13

Sec. 30 Twp. 29 Rge. 15 East West
 County Wilson

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 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: GAMMA RAY
Neutron

Log Formation (Top), Depth and Datums Sample
 Name Top Datum
 * See Attached

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	10"	8 5/8"		20'			
Longstring	6 3/4"	4 1/2"	1170'	1170'	Pozmix 50	50/50=65	0sks Gel 2
					Quickset	cement=65sks	

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 shots/ft	1043'-1047' 3 1/8 DML HSC	ACIDIZED W/ 250 gsl. acid	

TUBING RECORD Size 2 3/8" Set At 1039' Packer At 1039' Liner Run Yes No

Date of First, Resumed Production, SMD or Inf. Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	water Bbls.	Gas-Oil Ratio	Gravity
	0	50	0	n/a	a/a

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION Open Hole Perf. Dually Comp. Conmingled
 Production Interval Other (Specify)

Air Drilling
Specialist
Oil and Gas Wells



MOKAT DRILLING
Office Phone: (316) 879-5377



P.O. Box 590
Caney, KS 67333

Operator Jim Lorenz		Well No. #13	Lease Neill	Loc. NE SW NW	Sec. 30	Twp. 29	Rge. 15E
County Wilson		State KS	Type/Well	Depth	Hours	Date Started 3-30-99	Date Completed 4-1-99
Job No.	Casing Used 21' 8 5/8"	Bit Record			Coring Record		
Driller Tootie	Cement Used	Bit No.	Type	Size	From	To	% Rec.
Driller	Rig No.			6 3/4"			
Driller	Hammer No.						

Formation Record

From	To	Formation	From	To	Formation	From	To	Formation	From	To	Formation
0	58	lime	603	610	shale	940	952	sandy shale			
58	65	limey shale	610	625	sand	952	957	sand			
65	97	shale	625	720	sandy shale	957	961	shale			
97	166	limey shale	720	739	pink lime	961	965	sand'			
166	169	lime	737		gas test (no gas)	964		gas test (same)			
169	170	coal	739	752	shale	965	975	shale			
170	185	sandy shale	752	757	sand (odor)	975	976	coal			
185	225	sand	757	776	shale	976	978	shale			
225	226	coal	762		gas test (no gas)	978	986	sand			
226	228	shale	776	797	lime (oswego)	989		gas test (same)			
228	232	limey shale	787		gas test (no gas)	986	995	shale			
232	236	lime	797	805	blk shale	995	998	sand			
236	281	shale	805	816	lime	998	1002	sandy shale			
281	374	lime	812		gas test (no gas)	1002	1046	shale			
335		(water)	816	819	blk shale	1046	1056	sand (gas odor)			
374	382	limey shale	819	822	lime	1056	1059	coal			
382	419	sand	820		gas test (no gas)	1059	1070	sandy shale			
419	432	sandy shale	822	825	shale	1064		gas test 70 lbs. 1/2"			
432	456	lime	825	828	sandy shale	1064		gas test 20lbs. 1"			
456	480	shale	828	835	sand	1090	1104	shale			
480	502	lime (oil odor)	835	840	sandy shale	1104	1110	sandy shale			
502	527	shale	840	875	shale	1110	1113	sandy lime Miss.			
527	529	lime	875	876	coal	1113	1132	limey chat			
529	556	shale	876	930	shale	1120		(odor)			
556	560	lime	912		gas test (no gas)	1132	1189	lime (odor)			
560	578	limey shale	930	940	sand gas odor	1189		gas test 22 lbs. 1"			
578	590	shale			933 coal						
590	603	lime	939		gas test 11 lbs. 3/8"			T.D. 1189'			

**BLUE STAR
ACID SERVICE, INC.**

PO Box 93
Eureka, Kansas 67045

Cementing Ticket
and Invoice Number

Nº 001892

Date 4-2-99	Customer Order No.	Sect. 30	Twp. 29	Range 15E	Truck Called Out -	On Location 12:00pm	Job Began 2:30pm	Job Completed 4:00pm
Owner James O. Lorenz		Contractor L+S Well Serv.			Charge To James O. Lorenz		State Kansas	
Mailing Address 543 A 22000 RD.		City Cherryvale			County Wilson		State Kansas	
Well No. & Form Neill #13		Place		County Wilson		State Kansas		
Depth of Well 1170'	Depth of Job 1170'	Casing (New) Size 4 1/2" (Used) Weight	Size of Hole Amt. and Kind of Cement 634 130 SKS		Cement Left in casing by	Request Necessity 0 feet		
Kind of Job Logstring				Drillpipe	Rotary (Cable)		Truck No. Unit # 2	

Price Reference No. ***1**

Price of Job **475.00**

Second Stage

Mileage **n/c**

Other Charges

Total Charges **475.00**

Remarks **Rig up to casing, break circulation, Mix 400 lbs. Geh, circulate Geh Flush around to condition hole, followed with 20 Bbls fresh water Mix 130 SKS cement, shutdown, washout pumpshines Release Plug - Displace Plug with 17 Bbls water. Final pumping at 700 P.S.I. - Bumped Plug to 1200 P.S.I. check float - float hold - close casing in**

Note: (Mix cement with city water)

Job complete with good cement returns

Cementor **Russell M. Coy**

Helper **Brad Butler - Steve Mead** District **Eureka** State **Kansas**

The above job was done under supervision of the owner, operator, or his agent whose signature appears below. **Called by Jim**
Agent of contractor or operator

"Thank you"

Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE	PRICE	TOTAL
65	SKS. 50/50 Pozmix cement w/2% Geh Allowed	4.80	312.00
110	lbs. Geh 2% Additional	8.60	9.46
65	SKS. Quickset cement (Tailend cement)	9.10	591.50
400	lbs. Geh (condition hole)	8.60	34.40
1	4 1/2" Top Rubber Plug	25.00	25.00
1 1/2	hrs. Water Truck	30.00	45.00
	130 SKS Handling & Dumping	.50	65.00
	6.3 hrs. Mileage 25	.70	110.25
	Sub Total		1667.61
	Delivered by Truck No.	Discount	
	Delivered from	Sales Tax	5.9%
	Signature of operator Brad Butler	Total	98.39
			1766.00

BLUE STAR ACID SERVICE, INC.

PO Box 93
Eureka, Kansas 67045

Cementing Ticket
and Invoice Number

N^o 001893

Date 4-6-99	Customer Order No.	Sect. 30	Twp. 29	Range 15E	Truck Called Out	On Location	Job Began	Job Completed
Owner James D. Lorenz	Contractor L & S Well Serv.			Charge To James D. Lorenz		State Kansas 67335		
Mailing Address 543A 22000 Road	City Cherryvale			County Wilson		State Kansas		
Well No. & Form Weill #13	Place	Casing (New) Size 4 1/2 (Used) Weight		Size of Hole Amt. and Kind of Cement		Cement Left in casing by) Request Necessity _____ feet		Truck No. Unit #1
Depth of Well	Depth of Job 1240	Kind of Job Acid Job		Drillpipe Tubing 2 3/8		Rotary Cable		

Remarks **Rig up to 2 3/8 Tubing packer set at 1240 well swabbed down making gas, spot 50 gallons acid on perfs, stage acid, break down at 1400 PSI, displace acid pressure fell back to 1200 PSI, drop B balls through acid job good ball action flush w/ 4.5 Bbls water. flow was down 200 PSI from ball action. job complete, tear down.**

Price Reference No. #8
Price of Job 300.00
Second Stage
Mileage 25 52.50
Other Charges
Total Charges 352.50

Cementer **Russell McCoy**
 Helper **Brad Butler - Steve Mead**
 District **Eureka** State **Kansas**
 The above job was done under supervision of the owner, operator, or his agent whose signature appears below.

"Thank you" **Called by Jim**
 Agent of contractor or operator

Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE	PRICE	TOTAL
250	GAL. 15% HCL Acid		
1	GAL. Inhibitor	.70	175.00
1/2	GAL. Surfactant	20.00	20.00
1	GAL. Nonemulsifier agent	15.00	7.50
		20.00	20.00
8	Ball Injector Rental Balls	1.60	35.00 12.80
Plugs			
	Handling & Dumping		
	Mileage		
	Sub Total		622.80
	Discount		
	Sales Tax	5.9%	36.74
	Total		659.54

Delivered by Truck No. **Unit #1**
 Delivered from **Eureka**
 Signature of operator