

ORIGINAL

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 # 5616

Name: Calvin Noah

Address 329 N. Birch

City/State/Zip Valley Center, KS 67147

Purchaser: Clear Creek, Inc.

Operator Contact Person: Mark Noah

Phone (913) 737 2891

Contractor: Name: Mallard JV, Inc.

License: 4958

Wellsite Geologist: Calvin Noah

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If **OWNO**: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

9/20/90 9/27/90 9/27/90

Spud Date Date Reached TD Completion Date

API NO. 15- 163-23,115-0000

County Rooks

SE NW SE Sec. 18 Twp. 10 Rge. 19 East West

1650 Ft. North from Southeast Corner of Section

1650 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

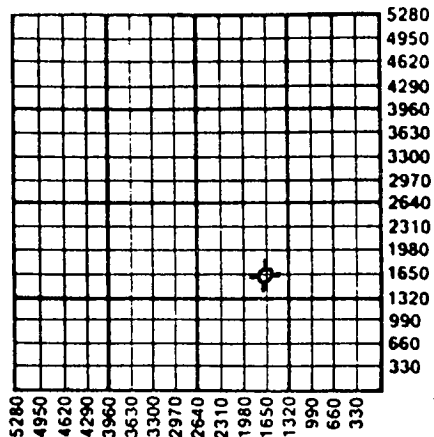
Lease Name Scoggins Well # 2

Field Name Marcotte

Producing Formation Arbuckle-LKC D+A

Elevation: Ground 2220 KB 2228

Total Depth 3815 PBTD N/A



Air-Dr D+A

Amount of Surface Pipe Set and Cemented at 212.4 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from N/A

feet depth to _____ w/ _____ sx cmt.

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 Calvin Noah

Title Operator Date 11-23-90

Subscribed and sworn to before me this 23rd day of November, 19 90.

Notary Public Elaine J. Yocom 11-26-90

Date Commission Expires _____
ELAINE J. YOCOM
Notary Public

State of Kansas

My Appt. Expires 4-18-93

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

SIDE TWO

Operator Name Calvin Noah Lease Name Scoggins Well # 2

Sec. 18 Twp. 10 Rge. 19 East West
 County Rooks

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.)

For DST See attached sheet.

Formation Description		
Name	Top	Bottom
Anhydrite	1645	1679
Topeka	3224	
Heebner	3434	
Lansing	3473	
Base KC	3682	
Cherty Cgl.	3718	
Simpson Shale	3764	
Arbuckle	3784	
RTD	3815	

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 1/2"	8 5/8"	20#	212.4	60/40 Poz.	135	2%Gel, 3%CC
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			Amount and Kind of Material Used			Depth
N/A							
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Size	Set At	Packer At					
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)						
N/A							
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
N/A							

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 _____

ORIGINAL

15-163-23115-0006

Drill Stem Tests for # 2 Scoggins, SE NW SE 18-10-19W, Rooks Co, KS

DST # 1, 3483-3535, Open 10, Si 20": Open 10", Shut in 20", Weak blow died in 10 minutes 1st opening, No blow 2nd opening. Flushed tool, No Blow.
Recovered 300 feet Drilling mud (Hit bridge going in for test)
Initial Flow pressures 153-173
Initial Shut-in pressure 461#
Final Flow pressures 250-250
Final Shut-in pressure 413
Max. Temperature 103 Deg. F.

DST # 2, Open 10", Shut-in 20"; Open 10", Shut-in 20", No Blow 1st Opening
Flushed tool 2nd Opening, No Blow. Recovered 3 feet of drilling mud.
Initial flow pressures 76-76
Initial Shut-in pressure 182#
Final Flow pressures 105-105
Final Shut-in pressure 144#
Max. Temperature 104 Deg. F.

DST # 3,, Open 10". Flushed Tool, Open 10". No shut-In taken. No Blow at all.
Flow Pressures 31-42 Test Interval 3786-3791. Recovered 7 feet of Drlg. Mud
Shut-In pressures, None taken

DST # 4, 3792-3800, Open 30", Shut-in 45", Open 10", Shut-in 10", Weak blow
1st opening, No Blw 2nd opening.
Recovered 15 feet of mud with Oil spots.
Initial Flow pressures 67-67#
Initial Shut-in pressure 769#
Final flow pressures 76-76#
Final Shut-in pressure 711 #
Max. Temperature 107 Deg. F.

DST # 5, 3800-3814, Open 30", Shut-in 45"; Open 30", Shut-in 45", Fair blow 1st
opening, 3" blow 2nd opening.
Recovered : 30 ' Oil Cut Muddy Water(40% Oil, 15 % water, 45% mud)
240 ' V. Slightly Oil Cut Water (3% oil, 97% water)
Initial flow pressures 76-105#
Initial Shut-in pressure 1124#
Final flow pressures 144-163#
Final Shut-in pressure 1114 #
Max Temperature 122 deg. F.

NOV 26 1930

MALLARD JV, INC.
P.O. BOX 1009
McPHERSON, KS 67460

ORIGINAL

DRILLERS' LOG

OPERATOR: CALVIN NOAH
329 N BIRCH
VALLEY CENTER, KS 67147

WELL: SCOGGINS #2

API#: 15-163-23,115

COMMENCED: SEPTEMBER 20, 1990

LOCATION: SE NW SE

COMPLETED: SEPTEMBER 27, 1990

1650 Ft. FSL, 1650 Ft. FEL

TOTAL DEPTH: 3814 Ft.

SEC. 18 TWP. 10 S RGE. 19 W

ELEVATION: 2220 Ft. G.L.

COUNTY: ROOKS

2228 Ft. K.B.

STATUS: D & A - Arbuckle Formation

REMARKS:

Cut 12 1/4" hole to 215' and ran 5 joints 8-5/8" x 20# x 202.8' surface casing. Set at 212.4' and cemented with 135 sacks 60/40 Pozmix, 2% gel, 3% cc. Cement did circulate. P.D. at 6:35 p.m. 9-20-90.

Ran 5 DSTs and electric log.

Drilled 7-7/8" hole to 3814' R.T.D. and plugged with 225 sacks 60/40 Pozmix, 6% gel, 2 sacks Floseal as follows:

25 sx @ 3785'

25 sx @ 1650'

100 sx @ 928'

40 sx @ 240'

10 sx @ 40'

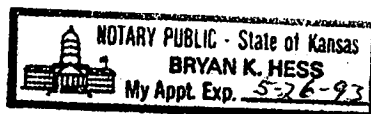
15 sx R.H., 10 sx M.H. P.D. at 3:45 p.m. 9-27-90.

STATE OF KANSAS)
COUNTY OF MCPHERSON) SS:

I, Dick Hess of MALLARD JV, INC. hereby certify that this is a true and correct copy of the log of the Scoggins #2 well as reflected by the files of Mallard JV, Inc.

Dick Hess

Subscribed and sworn to before me this 4th day of October, 1990.



Bryan K. Hess

NOTARY PUBLIC

NOV 26 1990

Phone 913 3-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

57510
 Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ORIGINAL

ALLIED CEMENTING CO., INC. No. 9335
 Home Office P. O. Box 31 Russell, Kansas 67665

Date **9-27-90** Sec **18** Twp. **10** Range **19** Called Out **11:15 AM** On Location **11:15 AM** Job Start **3:45 PM** Finish **3:45 PM**

Lease **Staggins** Well No. **2** Location **Zurich 352W 1/2 S 24 E** County **Rooks** State **Kan**

Contractor **Mallard J.V. Inc** Owner **To Allied Cementing Co., Inc.**
 Type Job **Plug** You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Hole Size **7 7/8** ID. **3814**
 Csg. **8 5/8** Depth **215'**
 Tbg. Size **8 5/8** Depth
 Drill Pipe **8 5/8** Depth
 Tool **8 5/8** Depth
 Cement Left in Csg. **Shoe Joint**
 Press Mix **Minimum**
 Meas Line **Displace**
 Perf. **EQUIPMENT**

Charge To **Calvin Nosh**
 Street **329 N Birch**
 City **Valley Center State KANSAS 67147**
 The above was done to satisfaction and supervision of owner agent or contractor.
 Purchase Order No. **X Day Zehantah**
CEMENT
 Amount Ordered **275 60 67 label 1/4" Flo Seal**

No.	Cement	Helper
177	McAdoo	Will
156	Mark	

Consisting of		
Common	135 @ 5.00	675.00
Port. Mix	90 @ 2.30	207.00
Gel.	8 @ 6.25	50.00
Chloride		
Quickset		
Flo Seal	50 lbs @ 60¢	30.00
Sales Tax		
Handling	@ 90¢	202.50
Mileage	3 1/2 / SK / MILE	87.75
Sub-Total		
Total		1251.75

DEPTH of Job	Reference	Rate
	Pump Truck	360.00
	Plug	20.00
	2" PER MILE	26.00
	Sub Total	
	Tax	
	Total	406.00

Floating Equipment

Remarks: **Mixed 25 sk at 3800**
25 sk at 1650
100 sk at 928
40 sk at 240
10 sk at 40
15 sk in Rat hole
10 sk in Mouse Hole

STATE RECEIVED
 NOV 26 1990
 COMMISSION



INVOICE

HALLIBURTON SERVICES

ORIGINAL

A Halliburton Company

INVOICE NO.	DATE
028614	09/20/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
SCROGGINS 2		ROOKS		KS	SAME	
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE	
HAYS		MALLARD DRLG.	CEMENT SURFACE CASING		09/20/1990	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
631015	ARME HESS			COMPANY TRUCK	01963	

CALVIN NOAH
329 NORTH BIRCH
VALLEY CENTER, KS 67147

DIRECT CORRESPONDENCE TO:
SUITE 1300
LIBERTY TOWER
100 BROADWAY AVENUE
OKLAHOMA CITY, OK 73102-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - MID CONTINENT MILEAGE	14	MI	2.35	32.90
001-016	CEMENTING CASING	212	FT	440.00	440.00
030-503	CMTG PLUG LA-11, CP-1, CP-3, TOP	8 5/8	IN	59.00	59.00
504-308	STANDARD CEMENT	81	SK	5.45	441.45
506-105	POZMIX A	54	SK	2.88	155.52
506-121	HALLIBURTON-GEL 2X	2	SK	.00	N/C
509-406	ANHYDROUS CALCIUM CHLORIDE	3	SK	25.75	77.25
500-207	BULK SERVICE CHARGE	141	CFT	1.10	155.10
500-306	MILEAGE CMTG MAT DEL OR RETURN	84.350	TMI	.75	63.26
INVOICE SUBTOTAL					1,424.48
DISCOUNT-(BID)					213.63-
INVOICE BID AMOUNT					1,210.85
*-KANSAS STATE SALES TAX					32.25
*-HAYS CITY SALES TAX					3.80
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$1,246.90

NOV 26 1990

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED. CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT. CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.