

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 # 5088

Name: John J. Darrah, Jr / Arkan Petroleum

Address 412 E. Douglas
Suite 1

City/State/Zip Wichita, Ks 67202

Purchaser: -

Operator Contact Person: John J. Darrah, Jr.

Phone (316) 263-2243

Contractor: Name: Mallard JV, Inc.

License: 4958

Wellsite Geologist: Gerald D. Howas

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

If OWMO: old well info as follows:
Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

6-7-90 6-13-90 6-13-90
Spud Date Date Reached TD Completion Date

API NO. 15- 165-21,523-0000

County Rush

NE SW SE Sec. 18 Twp. 16S Rge. 19 East West

990' Ft. North from Southeast Corner of Section

1650' Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Close Well # 1

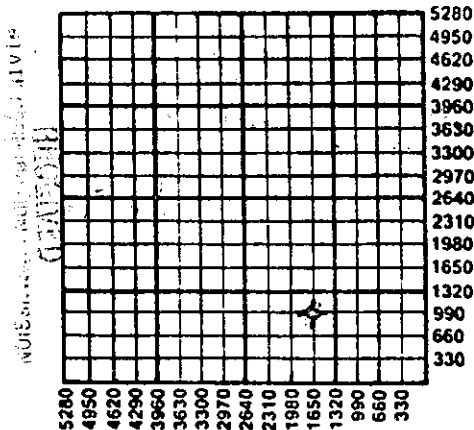
Field Name Willcat

Producing Formation N/A

Elevation: Ground 2114' KB 2122'

Total Depth 3900' PBD N/A

JUN 27 1990



ALT Dry

Amount of Surface Pipe Set and Cemented at 210 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.

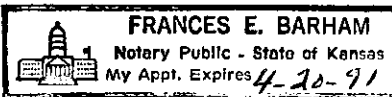
Signature Dany Flood

Title As Agent Date 6/20/90

Subscribed and sworn to before me this 20th day of June, 19 90.

Notary Public Frances E. Barham

Date Commission Expires April 20, 1991



K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
 C Wireline Log Received
 C Drillers Timelog Received

Distribution

KCC SWD/Rep NGPA
 KGS Plug Other
 (Specify)

SIDE TWO

Operator Name John J. Darrah, Jr. / ARKan Pet. Lease Name Close Well # 1
 Sec. 18 Twp. 16S Rge. 19 East West County Rush

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 (Attach Additional Sheets.) 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Submit Copy.) DST #1 3491'-3515' 30-30-45-60 Rec. 15' m.c.w., 60' m.w. IHP 1822# IFF 40-51# ISIP 519# FFP 61-71# FSIP 569# FHP 1782# BHT 117# DST #2 3823'-3873' 30-30-30-60 Rec. 15' mud w/ show of oil in top of tool. IHP 2062#, IFF 81-81#, ISIP 609#, FFP 910-91# FHP 669# FHP 2032# BHT 121# F	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">Formation Description</th> </tr> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>1358'</td> <td>1397'</td> </tr> <tr> <td>Heebner</td> <td>3439'</td> <td></td> </tr> <tr> <td>LANSING - KC</td> <td>3482'</td> <td>3737'</td> </tr> <tr> <td>ARBUCKLE</td> <td>3855'</td> <td>RTD 3900'</td> </tr> </tbody> </table>	Formation Description			Name	Top	Bottom	Anhydrite	1358'	1397'	Heebner	3439'		LANSING - KC	3482'	3737'	ARBUCKLE	3855'	RTD 3900'
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CASING RECORD <input type="checkbox"/> New <input checked="" 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	20 #	210	60/40 Poz	140	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 checked="" type="checkbox"/> No			
Date of First Production		Producing Method					
D+A		<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> 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) D+A

Production Interval _____

Phone 913-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

Phone Platteville 713-433-2012
 Phone Ness City 913-798-3843

New
 K-165-21523-0000

ALLIED CEMENTING CO., INC. N° 9760

Home Office P. O. Box 31 Russell, Kansas 67665

Date	6-7-90	Sec.	18	Twp.	16	Range	19	Called Out	4:00PM	On Location	7:00PM	Job Start	8:45PM	Finish	9:15PM
Lease	Close	Well No.	#1	Location				McCracken UNBELT	County	RUSH	State		KANSAS		
Contractor	Mallard Joint Ventures B.91														
Type Job	Surface														
Hole Size	12 1/4"	T.D.	215'												
Csg.	8 3/8"	Depth	210'												
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool		Depth													
Cement Left in Csg.	15'	Shoe Joint													
Press Max.		Minimum													
Meas Line		Displace													
Perf.															

EQUIPMENT

#177 No.	Cementer	M Kayman
Pumptrk	Helper	Glenn G.
No.	Cementer	
Pumptrk	Helper	
#213	Driver	Ed K
Bulktrk	Driver	
Bulktrk	Driver	

DEPTH of Job

Reference #	PUMP TRK	360.00
	1-8 3/8" PLUG	40.00
	1.00 per Mile	30.00
	Sub Total	430.00
	Tax	
	Total	

Remarks:

Cement Circulated

Owner
 To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To John Jay Darrah JR &
 Arkan Petroleum
 Street 412 E Douglas Suite 1
 City Wichita State Kan 67202

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
 X *Paul Hers*

CEMENT

Amount Ordered	140 SKS 60/40 Poz 3 7/8" 2 1/2" w/		
Consisting of			
Common	84	5.00	420.00
Poz. Mix	56	2.25	126.00
Gel.	3	6.75	N/C
Chloride	4	20.00	80.00
Quickset			
Handling		.90	126.00
Mileage		.03	126.00
		Sub Total	878.00
		Total	

Floating Equipment

Thank you

RECEIVED
 JUN 27 1990
 CONSOLIDATED DIVISION
 WICHITA, KANSAS

15-165-21523-0000

Phone 913-483-2627, Russell, Kansas

Phone Plainville 913-434-2812

Phone 316-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

NEW ALLIED CEMENTING CO., INC. No. 10494

Home Office P. O. Box 31

Russell, Kansas 67665

Job No. 1390	Sec. 78	Twp. 76	Range 19	Called Out 12:30	On Location 2	Job Start 12:30	Finish 4:00
Use CLOSE	Well No. Mallard Drk	Location Liberty Co. L&W - 41N			County Rush	State Ks	

Tractor Mallard Drk	Owner John J. Darragh & J.R. Arlan Pet.
Job Plug	To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Drill Size 5 7/8	T.D. 210
Drill Size 4 1/2	Depth
Drill Pipe	Depth
Drill	Depth
Weight Left in Csg.	Shoe Joint
Loss Max.	Minimum
Gas Line	Displace
Ref.	

Charge To John J. Darragh & J.R. Arlan Pet.
Street 412 E Douglas Suite #1
City Wichita State Ko. 67202
The above was done to satisfaction and supervision of owner agent or contractor.
Purchase Order No. X Wayne Stout
CEMENT
Amount Ordered 185 69/40 6 Nobel
Consisting of
Common 111 5.00 555.00
Poz. Mix 74 2.25 166.50
Gel. 7 6.75 47.25
Chloride
Quickset
Handling 185 .90 166.50
Mileage 27 149.85
Sub Total
B Total 1085.10

EQUIPMENT

mptrk 63	Cementer K. Kopper	
	Helper NWB	
mptrk	Cementer	
	Helper	
ilkrk 208	Driver Blaine Barr	
ilkrk	Driver	

DEPTH of Job	Reference:	Amount
27	Pump truck	360.00
27	Mileage	27.00
	Sub Total	
	Tax	
	Total	387.00

Remarks:	Drk Mud 3900 to
	1897 - w/ 50 SLS.
	700 w 50
	340 w 50
	40 w 10

Floating Equipment	
15 Rathole	TOTAL 1472.10 Disc - 299.42 \$ 1172.68
10 Mouse hole	

[Handwritten signature]