

SIDE ONE

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

API NO. 15- 145-21,318.0000

County Pawnee

App NE NW NE Sec. 30 Twp. 20 S. Rge. 20 East West

Operator: License # 5088

4950 Ft. North from Southeast Corner of Section

Name: John Jay Darrah, Jr.

1600 Ft. West from Southeast Corner of Section

Address 412 E. Douglas, Suite One

(NOTE: Locate well in section plat below.)

Wichita, KS 67202

Lease Name Pelton Well # 1

City/State/Zip _____

Field Name unknown

Purchaser: Farmland Industries, Inc.

Producing Formation Mississippi

Operator Contact Person: Bo Darrah

Elevation: Ground 2184 KB 2192

Phone (316) 263-2243

Total Depth 4343 PBTD 4334

Contractor: Name: Mallard JV, Inc.

License: 4958

Wellsite Geologist: Innes Phillips

Designate Type of Completion
 New Well Re-Entry Workover

MAY 07 1990

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OAWO: old well info as follows:

Operator: _____

Well Name: _____

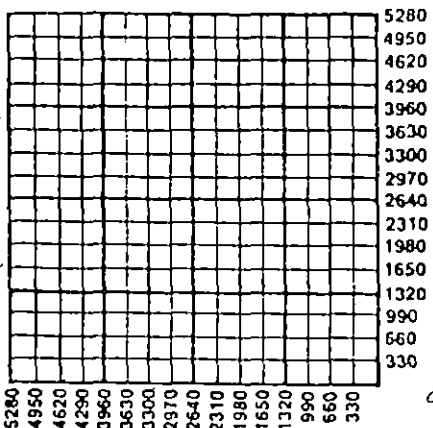
Comp. Date _____ Old Total Depth _____

Drilling Method:

Mld Rotary Air Rotary Cable

3/10/90 3/15/90 4/4/90

Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 305.58' set at 215.18' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 320'

feet depth to surf w/ 175 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 John Jay Darrah, Jr.

Title Operator Date 5/2/90

Subscribed and sworn to before me this 2nd day of May, 19 90.

Notary Public Dorene K. Dunn

Date May 2, 1990

Dorene K. Dunn
NOTARY PUBLIC
State of Kansas
My Appt. Expires 11/3/93

ORIGINAL

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)

PI

SIDE TWO

Operator Name John Jay Darrah, Jr. Lease Name Pelton Well # 1
 Sec. 30 Twp. 20 Rge. 20 East West
 County Pawnee

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 type="checkbox"/> Yes <input checked="" 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 - 4333-4343'; 45/45/60/45; recv'd 890' clean oil & 126' vsocm. IFP 78-200# FFP 267-357#; ISIP 1080#; FSIP 991#	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">Formation Description</th> </tr> <tr> <th rowspan="2">Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>1376</td> <td>1401</td> </tr> <tr> <td>B/Anhydrite</td> <td>1401</td> <td>3715</td> </tr> <tr> <td>Heebner</td> <td>3715</td> <td>3764</td> </tr> <tr> <td>Lansing</td> <td>3764</td> <td>4212</td> </tr> <tr> <td>Fort Scott</td> <td>4212</td> <td>4279</td> </tr> <tr> <td>Cherokee</td> <td>4279</td> <td>4332</td> </tr> <tr> <td>Mississippi</td> <td>4332</td> <td>4343</td> </tr> <tr> <td>RTD</td> <td>4343</td> <td></td> </tr> </tbody> </table>	Formation Description			Name	Top	Bottom	Anhydrite	1376	1401	B/Anhydrite	1401	3715	Heebner	3715	3764	Lansing	3764	4212	Fort Scott	4212	4279	Cherokee	4279	4332	Mississippi	4332	4343	RTD	4343	
Formation Description																															
Name	Top	Bottom																													
	Anhydrite	1376	1401																												
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Mississippi	4332	4343																													
RTD	4343																														

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"	20#	215.18	60/40	175	3%cc; 2% gel
production	7-7/8"	5-1/2"	14#	4334	Econolite 60/40	275 200	2% gel; 10% salt

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

LUBING RECORD <input checked="" type="checkbox"/>	Size <u>2 3/8</u>	Set At <u>4340</u>	Packer At <u>NONE</u>	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First Production <u>4-10-90</u>	Producing Method <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 <u>50</u> Bbls.	Gas <u> </u> Mcf	Water <u>NO</u> Bbls.	Gas-Oil Ratio <u> </u> Gravity <u> </u>

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 _____

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

15.145.21318.0000

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

ALLIED CEMENTING CO., INC. N° 8217

Home Office P. O. Box 31

Russell, Kansas 67665

NEW

Date	3-10-90	Sec.	30	Twp.	20	Range	20	Called Out	4:30 AM	On Location	5:45 AM	Job Start	9:45 AM	Finish	10:15 AM
Lease	Belton	Well No.	1	Location				Alexander 13S 1 1/4 W S into			County	Lawnee	State	Ks.	
Contractor	Mallard JV														
Type Job	SURFACE														
Hole Size	12 1/4	T.D.	320												
Csg.	8 7/8 (20')	Depth	315												
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool		Depth													
Cement Left in Csg.	15'	Shoe Joint													
Press Max.		Minimum													
Meas Line		Displace	19 1/2												
Perf.															

Owner SAME
 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 J. Darrach JR.
 Street 412 E. Douglas Suite #1
 City Wichita State Ks 67202
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
 X Mail D Elex

CEMENT

Amount Ordered	175 6/40 2 1/2 Gal 3 1/2 CC.		
Consisting of			
Common	105	5.00	525.00
Poz. Mix	70	2.25	157.50
Gel.	4	6.75	27.00
Chloride	5	20.00	100.00
Quickset			

EQUIPMENT

NESS

Pumptrk	No.	Cementor	Gary
	46	Helper	
Pumptrk	No.	Cementor	Brian
		Helper	
Bulktrk	69	Driver	
Bulktrk		Driver	

Handling	175	.90	157.50
Mileage	30		157.50
Sub Total			
Total			1124.50

DEPTH of Job

Reference:	Pump TRK Chg.	360.00
	Pump TRK mks	30.00
	1-8 7/8 Plug	40.00
	Sub Total	
	Tax	
	Total	430.00

Floating Equipment

Total \$ 1554.50

233.18

1321.32

Remarks: Cement Paid Circ.

MAY 07 1990

Thank you.

PHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31

RUSSELL, KANSAS 67665

TO: John J. Darrah
412 E. Douglas #1
Wichita, Kansas 67202

INVOICE NO. 56031
PURCHASE ORDER NO. _____
LEASE NAME Pelton #1
DATE March 10, 1990

SERVICE AND MATERIALS AS FOLLOWS:

Common 105 sks @\$5.00	\$ 525.00
Pozmix 70 sks @\$2.25	157.50
Gal 4 sks @\$6.75	27.00
Chloride 5 sks @\$20.00	<u>100.00</u>

\$ 809.50

Handling 175 sks @\$0.90	157.50
Mileage (30) @\$0.03c per sk per mi	157.50
Surface	360.00
Mi @\$1.00 pmp. trk.	30.00
1 plug	<u>40.00</u>

745.00

Total

\$ 1,554.50

Cement circ.

THANK YOU

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1% PERCENT CHARGED THEREAFTER



HALLIBURTON SERVICES

A Halliburton Company

INVOICE

INVOICE NO:	DATE
908607	03/15/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
PELTON 1		PAWNEE		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
NESS CITY		MALLARD		CEMENT PRODUCTION CASING		03/15/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
216738	ARNOLD HESS			COMPANY TRUCK	92037	

JOHN JAY DARRAH
412 EAST DOUGLAS
WICHITA, KS 67202

DIRECT CORRESPONDENCE TO:
SUITE 600
COLORADO DERBY BUILDING
WICHITA, KS 67202-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - MID CONTINENT MILEAGE	31	MI	2.20	68.20
001-016	CEMENTING CASING	4334	FT	1,089.00	1,089.00
80	FORM PKR SHOE FLAP VLV 5 1/2"	1	UNT		
855-137		1	EA	2,400.00	2,400.00 *
40	CENTRALIZER 5-1/2" MODEL S-4	1	EA	44.00	44.00 *
807.93022		1	EA	90.00	90.00 *
320	CEMENT BASKET 5 1/2"	1	EA	90.00	90.00 *
800.8883		1	EA	45.00	45.00 *
B2	FILL-UP UNIT	1	EA	45.00	45.00 *
855.02543		120	SK	5.45	654.00 *
504-308	STANDARD CEMENT	80	SK	2.88	230.40 *
506-105	POZMIX A	3	SK	.00	N/C *
506-121	HALLIBURTON-GEL 2%	958	LB	.073	69.93 *
509-968	SALT	84	LB	3.90	327.60 *
507-153	CFR-3	69	LB	1.23	84.87 *
507-210	FLOCELE	179	SK	5.45	975.55 *
504-308	STANDARD CEMENT	96	SK	2.88	276.48 *
506-105	POZMIX A	5	SK	.00	N/C *
506-121	HALLIBURTON-GEL 2%	19	SK	13.00	247.00 *
507-277	HALLIBURTON-GEL BENTONITE	500	LB	.82	410.00 *
507-285	ECONOLITE	489	CFT	.95	464.55 *
500-207	BULK SERVICE CHARGE	704.258	TMI	.70	492.98 *
500-306	MILEAGE CMTG MAT DEL OR RETURN				
INVOICE SUBTOTAL					7,969.56
DISCOUNT - (BID)					1,992.36-
INVOICE BID AMOUNT					5,977.20

***** CONTINUED ON NEXT PAGE *****

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

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

DRILLERS' LOG

OPERATOR: John Jay Darrah, Jr.
412 E. Douglas, Suite One
Wichita, KS 67202

WELL: Pelton #1

API#: 15-145-21,318

COMMENCED: March 10, 1990

LOCATION: Appx. NE NW NE

COMPLETED: March 15, 1990

4950 Ft. FSL, 1600 Ft. FEL

TOTAL DEPTH: 4343 Ft.

SEC. 30 TWP. 20 S RGE. 20 W

ELEVATION: 2184 Ft. G.L.

COUNTY: Pawnee

2192 Ft. K.B.

Set Casing - Mississippi Formation

REMARKS

Cut 12 1/2" hole to 320' and ran 7 joints 8-5/8" x 20# x 305.58' surface casing. Set at 215.18' and cemented with 175 sacks 60/40 Pozmix, 3% cc, 2% gel. Cement did circulate. P.D. @ 10:15 a.m. 3-10-90.

Ran 1 DST.

Drilled 7-7/8" hole to 4343' and ran 123 joints 5 1/2 x 14# x 4331.65' production casing. Set at 4334' and cemented with 275 sacks Econolite, and 200 sacks 60/40 Pozmix, 2% gel, 10% salt. Cement did circulate. P.D. @ 9:30 p.m. 3-15-90.

STATE OF KANSAS)
COUNTY OF MCPHERSON) SS:

I, Bryan Hess of MALLARD JV, INC. hereby certify that this is a true and correct copy of the log of the Pelton #1 well as reflected by the files of Mallard JV, Inc.

Bryan Hess
Bryan Hess, Mgr.

Subscribed and sworn to before me this 26th day of March, 1990.

COPY

MAY 07 1990

NOTARY PUBLIC - State of Kansas
DON J. REICHENBERGER
My Appt. Exp. 11-15-92

Don J. Reichenberger
NOTARY PUBLIC

Wichita, Kansas