

ORIGINAL

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- 135-23,579 -00-00
County Ness

Operator: License # 5146

Name: Rains & Williamson Oil Co., Inc.

Address 220 West Douglas, Suite 435

City/State/Zip Wichita, KS 67202

Purchaser: _____

Operator Contact Person: Juanita Green

Phone (316) 265-9686

Contractor: Name: Mallard JV, Inc.

License: 4958

Wellsite Geologist: Monte R. Marrs

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

6-11-91 6-18-91 6-18-91

Spud Date Date Reached TD Completion Date

NW NW NE Sec. 35 Twp. 16S Rge. 22 East West

4950 Ft. North from Southeast Corner of Section

2310 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

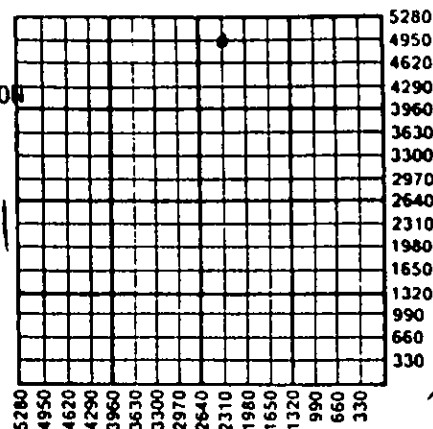
Lease Name UMMEL TRUST Well # 2

Field Name Brownell Trust

Producing Formation _____

Elevation: Ground 2397 KB 2405

Total Depth 4400' PBTD _____



AITD D+D

Amount of Surface Pipe Set and Cemented at 280' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

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STATE CORPORATION COMMISSION
OCT 08 1991
07-08-1991
CONSERVATION DIVISION
Wichita, Kansas

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 Wilson Rains

Title President Date 7-3-91

Subscribed and sworn to before me this 3rd day of July, 19 91.

Notary Public Juanita M. Green

Date Commission Expires 10-4-91 Juanita M. Green

JUANITA M. GREEN
NOTARY PUBLIC
STATE OF KANSAS
APPT. EXPIRES 10-4-91

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 Rains & Williamson Oil Co., Inc. Lease Name UMMEL TRUST Well # 2
 Sec. 35 Twp. 16S Rge. 22 East County Ness
 West

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.)

DST #1 4306' - 4319'. 20. Rec. 230'
 Gas in pipe, 10' clean gassy oil, 510'
 salt water with a scum of oil. IFP
 155#-255#. IHP 2133#, FHP 2111#.
 Temp. 119°

Formation Description

Log Sample

Name	Top	Bottom
Anhydrite	1705	(+ 700)
B/Anhydrite	1742	(+ 663)
Heebner	3797	(-1392)
Lansing	3836	(-1431)
Pawnee	4205	(-1800)
Cherokee Sh.	4312	(-1907)
Cherokee Sd.	4317	(-1912)
L.T.D.	4402	(-1997)

CASING RECORD New 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#	280'	60-40 poz.	165	2% gel, 3% cc.

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

TUBING RECORD Size _____ Set At _____ Packer At _____ Liner Run Yes No

Date of First Production _____ Producing Method Flowing Pumping Gas Lift 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) _____

Production Interval _____

RECORDED
 INDEXED
 SERIALIZED
 MAR 20 1967
 OIL & GAS DIVISION
 U.S. DEPARTMENT OF THE INTERIOR

ORIGINAL

MALLARD JV, INC.
P. O. BOX 1009
McPHERSON, KS 67460
D R I L L E R S L O G

RECEIVED
STATE CORPORATION COMMISSION
JUL 17 1991
CONSERVATION DIVISION
Wichita, Kansas

OPERATOR: Rains & Williamson Oil Co., Inc. WELL: Ummel Trust #2
220 W. Douglas, Suite 435
Wichita, KS 67202 API #: 15-135-23,579
COMMENCED: June 11, 1991 LOCATION: NW NW NE
COMPLETED: June 18, 1991 4950 FT. FSL, 2310 FT FEL
TOTAL DEPTH: 4400 FT. SEC. 35 TWP. 16 RGE. 22 W
ELEVATION: 2397 FT. GL, 2405 FT. KB COUNTY: Ness, Kansas

STATUS: D & A - Mississippi Formation
Size Hole Drilled: 12-1/4" x 282'
Surface Casing: 8-5/8" x 24# x 270' (9 jts.)
Set At: 280'
Cement: 165 sacks 60/40 Pozmix, 2% gel, 3% cc
P.D.: 10:15 p.m. 6/11/91
Size Hole Drilled: 7-7/8" x 4400'
Plugged Hole With: 50 sacks @ 1760'
80 sacks @ 1150'
30 sacks @ 600'
50 sacks @ 300'
10 sacks @ 40'
15 sacks rathole
10 sacks mousehole
245 sacks total - 60/40 Poz, 6% gel, 1/4# floceal/sk
P.D.: 1:00 a.m. 6/18/91
Drill Stem Tests: 1 Electric Log: Yes

... CERTIFICATE ...

Dick Hess, Vice-President of Mallard JV, Inc., hereby certifies that this is a true and correct copy of the log of the following well, as reflected by the files of Mallard JV, Inc.: Ummel Trust #2

Dick Hess
Dick Hess, Vice-President

STATE OF KANSAS)
COUNTY OF McPHERSON) ss.

Subscribed and sworn to before me this 26th day of June, 1991.

NOTARY PUBLIC - State of Kansas
BRYAN K. HESS
My Appt. Exp. 5-26-93

Bryan K. Hess
Bryan K. Hess, Notary Public

ORIGINAL



A Baker Hughes company

NOT VALID FOR RET.

CONTRACT NO. 627757

DATE OF JOB: 06/11/91	DISTRICT: HAYS	DIST. NO.: S23	AUTHORIZED BY: Gary Fehrentsch
CUSTOMER: Rains & Williamson oil Co, Inc			

PRICE BOOK	PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
	01	280	Pump Truck Charge	463.00	E	463 00
		25	Pump Truck Mileage	2.45	mi	61 25
		99	Common Cement	5.74	Q	568 26
		66	Poz	3.76	Q	208 56
		284	Gel	.15	L	42 60
		426	Gal Chloride A-7P	.48	L	204 48
		1	Plug	17.00	E	17.00 00
		165	Handling & Dumping	1.16	Q	191 40
		187.5	Hauling 7.5 tons 25 mi	.79	mi	148 13
			SUBTOTAL			1904 60
			Less			380 94
			SUBTOTAL			1523 74

RECEIVED STATE CORPORATION COMMISSION

JUL 08 1991

CONSERVATION DIVISION Wichita, Kansas

SERVICE REPRESENTATIVE	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>Dan Johnson</i>
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CHECK IF CONTINUATION IS USED (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

CUSTOMER: This is not an invoice - This Service Operations Contract is subject to review and correction by our Accounting Department.



P.O. Box 4442
Houston, Tx 77210

REMIT TO: P.O. Box 100806, Houston, Tx 77212

CUSTOMER COPY

SERVICE OPERATIONS CONTRACT
TERMS NET 30 DAYS FROM DATE OF CONTRACT

ORIGINAL
SERVICE CONTRACT NO. **627754**

CUSTOMER ACCOUNT NO.		DIST NAME HAYS		NEW WELL <input type="checkbox"/> WELL TYPE <input type="checkbox"/>	JOB NUMBER 1100	
CUSTOMER Rains & Williamson Co. Inc.		DIST NUMBER 502		WELL NO. 2	LEASE NAME & FEDERAL OFFSHORE LEASE NO. Uncl. Trust	
ADDRESS 220 W. Douglas, Suite 435				COUNTY/PARISH NESS	CODE 57	STATE Ka CODE 14
CITY Wichita STATE Ka ZIP 67202		ORDER NO.		FIELD NAME		CITY CODE
AUTHORIZED BY: GARY FEHRENBACH		WELL OWNER Rains & Williamson Inc.		MTA CODE		
STAGE NO.	JOB CODE	WORKING DEPTH FT.		PUMPING EQUIPMENT		TIME (A OR P)
	1 SURFACE <input checked="" type="checkbox"/> 2 INTERMEDIATE <input type="checkbox"/> 3 PRODUCTION <input type="checkbox"/> 4 REMEDIAL <input type="checkbox"/>			TRUCK CALLED		DATE 06/11/91
TOTAL PREV. GALS.	SIZE & WT. CASING 8 3/4 2 1/2	DEPTH FT.		ARRIVED AT JOB		7:15 P
TOTAL MEAS. DEPTH FT.	SIZE & WT. DRILL PIPE OR TUBING	DEPTH FT.		START OPERATION		
	PACKER DEPTH	FLUID PUMPED		FINISH OPERATION		10:15 P
AVG. PSI. 100	MAX. PSI. 250			TIME RELEASED		11:00 P 06-11-90
MAX. BPM 4			MILES FROM STATION TO WELL 39		SALESMAN NUMBER	

CUSTOMER INSTRUCTIONS FOR DISPOSAL OF RETURNED CEMENT

S/S EMPLOYEE NUMBER **446953**

REMARKS

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered)
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of BJ SERVICES.

PRICE BOOK	01	SIGNED: _____ (WELL OWNER, OPERATOR, CONTRACT OR AGENT)			
PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

RECEIVED
STATE CORPORATION COMMISSION
JUN 08 1991
CONSERVATION DIVISION
Wichita, Kansas

SERVICE REPRESENTATIVE **Bruce R. DeLa** THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: **Dani Fehrenbach**

CHECK IF CONTINUATION IS USED (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

CUSTOMER: This is not an invoice - This Service Operations Contract is subject to review and correction by our Accounting Department.



P.O. Box 4442
Houston, Texas 77210

CEMENTING LOG

ORIGINAL

STAGE NO. _____

Date 6-11-91 District HAYS Ticket No. 67754
 Company Rains & Willingham Oil Co Inc Rig Malged
 Lease Ummel Trust Well No. 2
 County Ness State Kan
 Location _____ Field _____

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 8 5/8 Type _____ Weight 24 Collar _____

Casing Depths: Top _____ Bottom _____

Drill Pipe: Size 4 1/2 Weight _____ Collars _____
 Open Hole: Size 12 1/4 T.D. 280 ft. P.B. to 265 ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 10637 Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:
 Spacer Type: _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type _____
60/40 3-2 Excess _____
 Amt. 165 Sks Yield 1.26 ft³/sk Density 15 PPG

TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Pump Trucks Used 2034- Deere
 Bulk Equip. TRFAY

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip _____
 Disp. Fluid Type _____ Amt. _____ Bbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE Gary Fehrenbach

CEMENTER Ben R. J. Kan

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min	
						pipe out at 27'
						run 9 1/2' of 24" 8 5/8"
						surface pipe
						cement by 165 sks 60/40 p02
						30/CC 24/CC
						pump plug w/ 16 3/4 bbls of water
						cement did circulate to surface
						plug down at 10:15 P.M.

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 Wichita, Kansas