

SIDE ONE

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

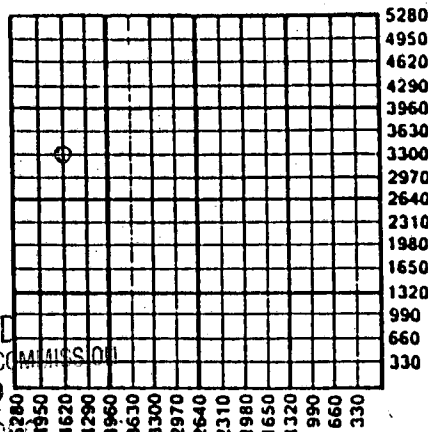
Operator: License # 5011
Name: Viking Resources, Inc.
Address 105 S. Broadway, Suite 1040
Wichita, KS 67202-4224
City/State/Zip _____
Purchaser: Koch
Operator Contact Person: Jim Devlin
Phone (316) 262-2502
Contractor: Name: Mallard JV, Inc.
License: 4958
Wellsite Geologist: Robert C. Patton

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: Raymond Oil Company, Inc.
Well Name: Robben #1
Comp. Date 5-20-89 Old Total Depth 4700'

Drilling Method:
 Mud Rotary Air Rotary Cable
8-30-90 9-1-90 9-22-90
Spud Date Date Reached TD Completion Date

API NO. 15- 193-20, 479-400-01
County Thomas Co.
C SW NW Sec. 25 Twp. 9 Rge. 32 East West
3300 Ft. North from Southeast Corner of Section
4620 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)
Lease Name Robbens Well # 2 OWWO
Field Name Unknown
Producing Formation Lansing & Marmaton
Elevation: Ground 3037' KB 3045'
Total Depth 4700' PBTD 4563'



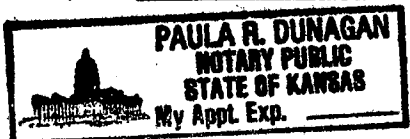
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10-17-1990
OCT 17 1990
CONSERVATION DIVISION

Amount of Surface Pipe Set and Cemented at 350 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2626 Feet
If Alternate II completion, cement circulated from 2626
feet depth to surface w/ 453 550 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 James B. Devlin
Title James B. Devlin, President Date 10-10-90
Subscribed and sworn to before me this 10 day of Oct
19 90.
Notary Public Paula R. Dunagan
Date Commission Expires March 2, 1993



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 Viking Resources, Inc. Lease Name Robbens Well # 2 OWWO
Sec. 25 Twp. 9s Rge. 32 East West
County Thomas Co, KS

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.)

Formation Description		
Name	Top	Bottom
B. Anhydrite	2640	(+402)
Lansing	4057	(-1015)
Stark	4271	(-1229)
Cherokee Shale	4552	(-1510)
Mississippian	4632	(-1590)
RTD	4700	(-1655)
LTD	4701	(-1656)

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 Production	7 7/8	8 5/8	23#	350'	Unknown	UNKNOWN	
topstage		4 1/2	9 1/2 #	4577'	ASC	200	
					60/40 Poz	450	8% gel, 1/4# floseal per sack

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4504-08	500 15% + 1000 28%	
4	4327-30	500 15% + 2000 28%	

TUBING RECORD

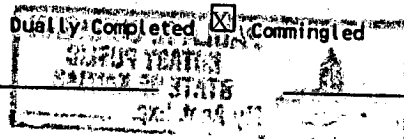
Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First Production 9-22-90 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	10	2	20		

Disposition of Gas: Vented Sold Used on Lease
(If vented, submit ACO-18.)

METHOD OF COMPLETION Open Hole Perforation Other (Specify) _____
Production Interval Quality Completed Commingled



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

DRILLERS' LOG

OPERATOR: VIKING RESOURCES, INC.
105 S. BROADWAY, SUITE 1040
WICHITA, KS 67202-4224

WELL: ROBBENS #2 OWWO

API#: 15-193-20,479-~~400-01~~

COMMENCED: AUGUST 30, 1990

LOCATION: C SW NW

COMPLETED: SEPTEMBER 1, 1990

3300 Ft. FSL, 4620 Ft. FEL

TOTAL DEPTH: 4700 Ft.

SEC. 25 TWP. 9 S RGE. 32 W

ELEVATION: 3037 Ft. G.L.

COUNTY: THOMAS

3045 Ft. K.B.

OLD WELL INFORMATION:

OPERATOR: RAYMOND OIL COMPANY, INC.
WELL: ROBBEN #1
COMPLETED: 5-20-89, D & A, MISSISSIPPI
T.D.: 4700'
CASING: 8-5/8" set at 350'

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OCT 17 1990


CONSERVATION DIVISION
Wichita, Kansas

NEW INFORMATION:

Washed hole down to 4700' and ran 134 joints 4 1/2" x 9 1/2# x 4577' production casing. Set at 4577' and cemented with 200 sacks ASC, and top stage with 450 sacks 60/40 Pozmix, 8% gel, 1/4# Floseal per sack. P.D. 4:20 p.m. 9-1-90.

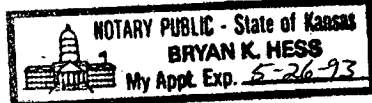
STATE OF KANSAS)
COUNTY OF MCPHERSON) SS:

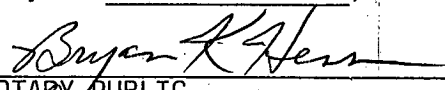
I, Dick Hess of MALLARD JV, INC. hereby certify that this is a true and correct copy of the log of the Robbens #2 OWWO well as reflected by the files of Mallard JV, Inc.



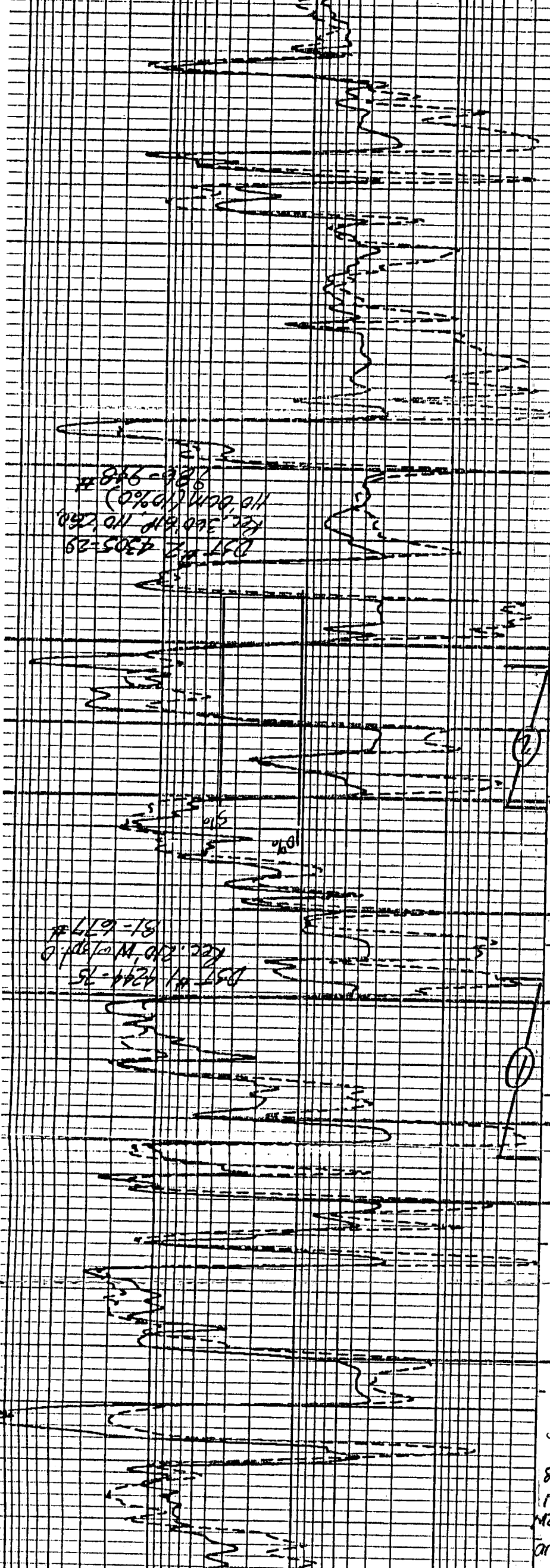
Dick Hess

Subscribed and sworn to before me this 12th day of September, 1990.





NOTARY PUBLIC



DST #2 4305-29
 Rec. 360' BP, 110' (50)
 110' BOM (10%)
 986-948 #

DST #1 4244-75
 Rec. 210' W of 317 #
 81-677 #

4400

Marm
 4362
 -1320

4332
 81/c

220(L)
 410
 4300
 Husk

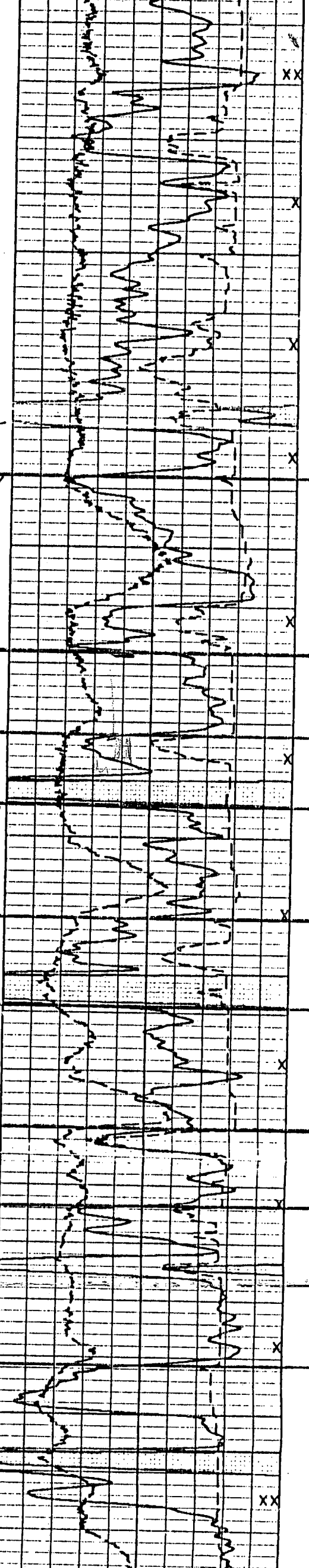
200

Stal

180

160

Raymond
 25-95-32W
 C5MNM
 309278
 4200
 140



15-193-
20479-
00-01

PAW

-1418

Maple
State 5000
-1460

Et. Scott

Chero

4552

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OCT 17 1930

CONSERVATION DIVISION
Wichita, Kansas

4600

Miss.

4632

-1590

DST #3
4451-4525
R. 20' 50CM
(2% O) 60' 00CM (15% O)
507-264 #
Plugging 2.24
Flow

BOREHOLE VOLUME

CALIPER

GAMMA RAY

S.P.

FR.
61.1.
FR.
2.1.
FR.

FR.
RISIN
FR.
ND

RESISTIVITY

NEUTRON

3

000

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

15-193-20479-00-01

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

ALLIED CEMENTING CO., INC. No 7077

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

N&W

Date	9-1-90	Sec.	25	Twp.	9s	Range	32W	Called Out	7:30 AM	On Location	11:30 AM	Job Start	3:10 PM	Finish	4:20 PM
Lease	Robben	Well No.	2	Location	Oakley Hi Way 83 3 1/2 E 1/2 N 1/2 Thomas			County	Thomas	State	Ks.				
Contractor	Mallard JV														
Type Job	2 stage Top														
Hole Size	7 7/8		T.D.	4700'											
Csg.	4 1/2		Depth	4577											
Tbg. Size			Depth												
Drill Pipe			Depth												
Tool	STAGE COLLAR		Depth	2626'											
Cement Left in Csg.			Shoe Joint												
Press Max.			Minimum												
Meas Line	yes		Displace	4254											
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: Viking Resources

Street: 105 S. Broadway Suite

City: Wichita State: Ks 1040

The above was done to satisfaction and supervision of owner agent or contractor 67202

Purchase Order No. 67202

Real Bump

CEMENT

Amount Ordered: 550x 60/40 8% gel

Consisting of: 1/4 lb Flo seal per sq

used 455 sq

Per Mile Common	6.00	1632.00
Per 181	2.72	434.40
Per 36 gel	6.75	243.00
Quickset		
as Flo Seal - 113	.60	67.80
Sales Tax		
Handling	550	.90
Mileage	6 (Oakley)	99.00
Sub Total		
Total		2971.20

EQUIPMENT

No.	Cementer	Ben	RECEIVED STATE CORPORATION CO OCT 17 1990
Pumptrk 158	Helper		
No.	Cementer		CONSERVATION Wichita, Kans
Pumptrk	Helper		
	Driver	Billy Jack	
Bulktrk 96		Bill W	
Bulktrk 199	Driver		

DEPTH of Job

Reference:	Pump trak chg.	450.00
	Sub Total	
	Tax	
	Total	450.00

Remarks: Cement did (sic)
 Plug Rat Hole & Mouse
 Hole Allied Cementing Inc
 Thank you!
 Kris Klitzke

Floating Equipment

Total \$ 3421.20

Disc - 684.24

\$ 2736.96