

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- 065-22,634 00-00

County Graham
Appx. 100'
SW NW SW Sec. 28 Twp. 7S Rge. 22 East West

1550' Ft. North from Southeast Corner of Section
4950' Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

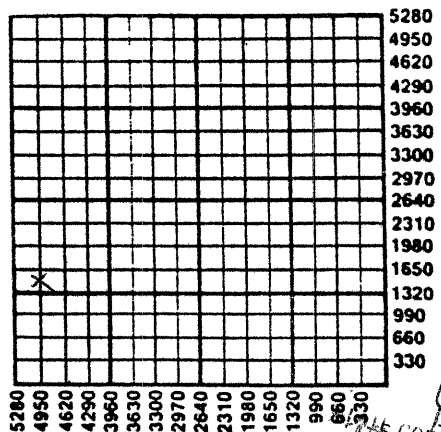
Lease Name Hildebrand Well # 1

Field Name unknown

Producing Formation BKC

Elevation: Ground 2215' KB 2220'

Total Depth 3700' PBTD



5280
4950
4620
4290
3960
3630
3300
2970
2640
2310
1980
1650
1320
990
660
330
N
A/T D/D/A
9-4-91
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KANSAS CORPORATION COMMISSION
SEP 4 1991
CONSERVATION DIVISION
Wichita, Kansas

Amount of Surface Pipe Set and Cemented at _____ feet

Multiple Stage Cementing Collar Used? SEP 4 1991 Yes No

If yes, show depth set _____ feet

If Alternate II completion, cement circulated _____ feet

_____ feet depth to _____ w/ _____ sx cmt.

Operator: License # 30075

Name: Shamrock Resources, Inc.

Address 100 N. Main, Suite 802

City/State/Zip Wichita, KS 67202

Purchaser: _____

Operator Contact Person: Pat Dennihan

Phone (316) 262-7106

Contractor: Name: Abercrombie RTD, Inc.

License: 30684

Wellsite Geologist: Pat Deenihan

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: N/A

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

5-8-91 5-14-91
Spud Date Date Reached TD Completion Date

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.

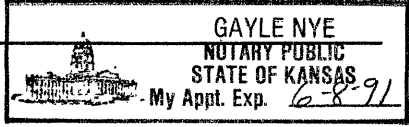
Signature Patrick J. Deenihan

Title President Date 6-3-91

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

Notary Public Gayle Nye

Date Commission Expires _____



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 Shamrock Resources, Inc. Lease Name Hildebrand Well # 1
 Sec. 28 Twp. 7S Rge. 22 East West
 County Graham

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
Anhydrite	1836	1868
Heebner	3423	
Toronto	3447	
Lansing	3463	
B/KC	3464	
LTD	3695	

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"	19#	266'	60-40 posmix	190	3%cc 2%gel

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

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

Date of First Production	Producing Method <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

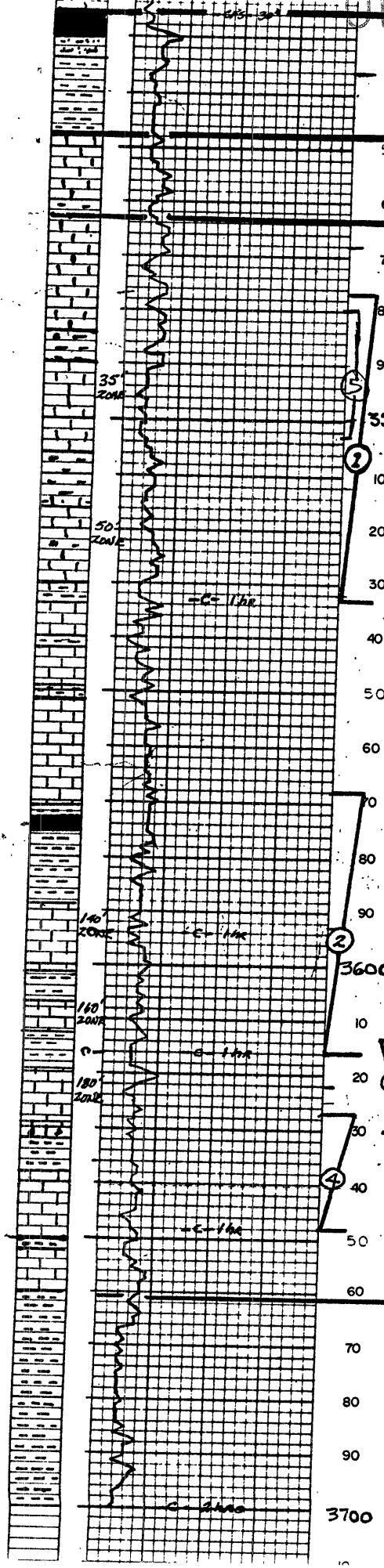
Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled Other (Specify) _____

Production Interval _____

ORIGINAL

HEEBNER



30
BLACK CARB SAND
 35. Sub. exp. to Road, FRAGILE, No Show (TRC OF CARB TO BRN)
 40
3H. Brown VARI-COLOR
 50
LS. WHIT/SING. P-F FINEST G-CHALKY
 60
LS. WHIT/SING. - FINEST, TRC OF P-FSS
 70
LS. WHIT/SING. - FINEST, TRC OF P-FSS
 80
3H. BROWN VARI-COLOR
 90
LS. WHIT/SING. F-G INTER-MIX G-TO
 10
3H. BROWN VARI-COLOR
 20
LS. WHIT/SING. - G-TWIST-DRY G, V-LINE
 30
SH. GRAY TO DK GRAY - PLATY
 40
LS. POOR SAMPLE - BROWN SAND &
 50
SH. GRAY, TRC OF RED-BROWN
 60
LS. WHIT/GRN. SING. - CHALKY, TRC OF
 70
SH. BROWN BRN & GRAY - ARGILL. PLATY
 80
LS. WHIT/SING. - BROWN CHALKY - NO
 90
SH. BLK. PLATY TO CARB.
 100
LS. WHIT/SING. P-F FINEST TO F-FINE
 110
SH. REDDISH BRN, GRAY, DK GRAY
 120
LS. WHIT/SING. P-F FINEST TO SILTY
 130
SH. DK GRAY BRN, MED GRAY, TRC OF REDDISH
 140
LS. WHIT/SING. - FINEST TO INTER-MIX
 150
SH. BROWN GRAY - DK GRAY & BRN
 160
LS. WHIT GRAY - MED/SING. BY INTER-MIX
 170
SH. GRAY, DK GRAY BRN
 180
LS. WHIT/GRN. P-F INTER-MIX, TRC
 190
SH. BROWN VARI-COLOR

3425 (-1205)
 Vis 42 ; WT 9.2
 TORONTO
 3428 (-1228)
 LANSTING
 3463 (-1243)
DST #1 (3477-3533) - MISRUN
 35' 45" zone - HIT BRIDGE 30' OFF BOTTOM
 APPARENT DOUGLASS CORE-11
DST #5 3480-3503
 30-45-30-90
 370' oil St. water
 1400' water
 ISIP 940. FSIIP 940
 IFP 187-680 FFP 747-947
DST #2 (3563-3616) 140' 140' zone
 15" 30" 15" 60" (V. W. BRN 98")
 REC: 5" SLT OIL SPOCKED MUD
 ISIP = 434 FSIIP 640
 IFA = 10/10, FFP = 10/10
 Vis - 44
 9" to 140 BRN, on STRIP, F. SHOW
 OF LFO UPON CRUSHING, PLANT. ODD
 OF FLOOR - CHALKY IN PART
DST #3 (3513-3630) 180' zone
 15" 30" 15" 60" V. W. BRN DIED
 REC 2' SLT OIL SPOCKED MUD
 ISIP 714 FSIIP 294
 IFA = 10/10, FFP 10/10
DST #4 (3627-3698) MIS-RUN
 PROKER FAILURE
 BASE OF THE 140/CITY
 3661 (1441)

15-005-22634-00-00

RECEIVED
CONSERVATION COMMISSION

SEP 4 1991
CONSERVATION DIVISION
Wichita, Kansas

9-4-91

913-483-2627, Russell, Kansas

Phone Plainville 913-434-2812

16-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

No 2556

15-065-22634-0000

New

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
5-8-91	28	7 ^S	22 ^W	3:30 P.M.	7:30 P.M.	7:40 P.M.	8:15 P.M.
Lease	Well No.	Location		County	State		
Hildabrand	1	Hill City 1E14N14W		Graham	Ks.		
Contractor				Owner			
Abencrombie RTD, Inc. Rig #4				Same			
Type Job							
Set Surface Pipe							
Hole Size		T.D.					
12 1/4"		268'					
Csg.		Depth					
8 7/8"		266'					
Tbg. Size		Depth					
Drill Pipe		Depth					
Tool		Depth					
Cement Left in Csg.		Shoe Joint					
15'							
Press Max.		Minimum					
		-					
Meas Line		Displace					
		X					
Perf.							

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 Shamrock Resources, Inc.
 Street 100 N Main #802
 City Wichita State Kan 67202

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

Purchase Order No. _____
 X Harold Maly
CEMENT

Amount Ordered 190 stks 60/40 per 2log, 36 c.c.

Consisting of	
Common	114 stks @ 5.25/stk = 598.50
Poz. Mix	76 stks @ 2.25/stk = 171.00
Gel.	3 stks = N/C
Chloride	6 stks @ 21.00/stk = 126.00
Quickset	

Sales Tax	
Handling	1.00/stk (190 stks) = 190.00
Mileage	2.044 /stk./mi. (38 mi.) = 288.80
Sub Total	1374.30

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 STATE CORPORATION COMMISSION
 Total

Floating Equipment Thanks
 SEP 4 1991
 CONSERVATION DIVISION
 Wichita, Kansas

EQUIPMENT

No.	Cementer	<u>Gary H. Wayne Mc.</u>
Pumptrk 191	Helper	
No.	Cementer	<u>Joe S.</u>
Pumptrk	Helper	
	Driver	
Bulktrk #212	Driver	

DEPTH of Job

Reference:	#1 Pumptruck-surface	#380.00
	#13 mileage @ 2.00/mi	76.00
	1-8 7/8" wooden plug	42.00
	Sub Total	498.00
	Tax	
	Total	

Remarks: Cement Circulated

ORIGINAL

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

No. 2113
19-015-22634-00-00

NEW

Date	5-14-91	Sec.	28	fwp.	7	Range	22	Called Out	1:00PM	On Location	3:30PM	Job Start	4:00PM	Finish	6:45PM
Lease	Hildabrand	Well No.	#1	Location	Hill City 2E 1/4 NW 1/4 N Graham	County	Graham	State	Kansas						
Contractor	Abercrombie RTD INC R194														
Type Job	Plug														
Hole Size	7 7/8"	T.D.	3700'												
Csg.	8 3/8"	Depth	266'												
Tbg. Size															
Drill Pipe															
Tool															
Cement Left in Csg.															
Press Max.															
Meas Line															
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 Shamrock Resources INC
Street 100 N Main # 802
City Wichita State KANSAS
The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. Donald Malesy
X

EQUIPMENT

#191	No.	Cementer	<u>M Kaufman</u>
Pumptrk		Helper	<u>Wayne M.</u>
	No.	Cementer	
Pumptrk		Helper	
#212		Driver	<u>Joe S.</u>
Bulktrk		Driver	

CEMENT / SK Flo-seal

Amount Ordered	<u>190 SKS 60/40 Poz 6 7/8" 3 7/8" CC</u>	
Consisting of		
Common	<u>114 @ 525</u>	<u>598 50</u>
Poz. Mix	<u>76 @ 225</u>	<u>171 00</u>
Gel.	<u>7 @ 675</u>	<u>47 25</u>
Chloride	<u>5 @ 2100</u>	<u>105 00</u>
Quickset		
Flo Seal.	<u>1 SK @ 25 00</u>	<u>25 00</u>
Handling	<u>@ 1 00</u>	<u>190 00</u>
Mileage	<u>44 / SK / Mile</u>	<u>281 20</u>
37		
Sub Total		<u>1417 95</u>
Total		<u>1417 95</u>

DEPTH of Job

Reference:	#	<u>Pump Tals</u>	<u>380 00</u>
		<u>1-8 3/8" Plug</u>	<u>-20 00</u>
		<u>2 00 Dev. Mile</u>	<u>74 00</u>
		Sub Total	
		Tax	
		Total	<u>474 00</u>

Remarks: 25 SKS @ 1850'
100 SKS @ 1065' w/s Flo-seal
40 SKS @ 300'
10 SKS @ 40'
15 SKS in Rat Hole

Floating Equipment

Shamrock

RECEIVED
STATE CORPORATION COMMISSION
SEP 4 1991
CONSERVATION DIVISION
Wichita, Kansas