

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
(corrected)
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 6600
Name Don Karst Well Service, Inc.
Address P.O. Box 1316
City/State/Zip Hays, KS 67601

Purchaser

Operator Contact Person Don Karst
Phone (913) 628-1125

Contractor: License # 8241
Name Emphasis Oil Operations

Wellsite Geologist David Shumaker
Phone (913) 483-5519

Designate Type of Completion

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

If OWNO: old well info as follows:

Operator C-G Drilling & H. Rosen Oil
Well Name Greene
Comp. Date 10-4-76 Old Total Depth 3340

WELL HISTORY

Drilling Method:

- Mud Rotary Air Rotary Cable

9-25-86 9-27-86 10-24-86
Spud Date Date Reached TD Completion Date
3387 PBTB
Total Depth

Amount of Surface Pipe Set and Cemented at 18.1 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 875 feet
If alternate 2 completion, cement circulated from feet depth to cmt
(See attached invoice)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 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. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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 Donald D. Karst

Title Donald D. Karst, President Date 3-19-87

Subscribed and sworn to before me this 19th day of March 1987

Notary Public Colleen Payton

Date Commission Expires May 2, 1987

Colleen Payton
NOTARY PUBLIC
State of Kansas
MY APPT. EXPIRES 5-2-87

API NO. 15-141-20-02500-01
County Osborne
Approx. S1/2 NW NE Sec. 27 Twp 10S Rge 15 West

4290
2310
2310
(Note: Locate well in section plat below)

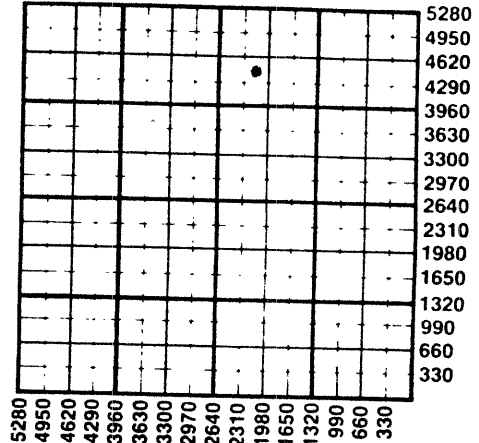
Lease Name Greene "OWNO" Well # 1

Field Name Ruggels

Producing Formation Conglomerate

Elevation: Ground 1781 KB 1786

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #

Groundwater Ft North from Southeast Corner (Well) Ft West from Southeast Corner of Sec Twp Rge East West

Surface Water 650 Ft North from Southeast Corner (Stream, pond etc) 1100 Ft West from Southeast Corner Sec 22 Twp 10SRge 15 West

Other (explain) (purchased from city, R.W.D. #)

K.C.C. OFFICE USE ONLY

- Letter of Confidentiality Attached
- Wireline Log Received
- Drillers Timelog Received

Distribution

- KCC SWD/Rep NGPA
- KGS Plug Other (Specify)

Received

Form No. 117 (7-84)

3-27-87

Sec 27 Twp 10S Rge 15E

Operator Name Don Karst Well Service, Inc. Lease Name..... Greene "QWQ"..... Well #..... 1.....

Sec..... 27..... Twp..... 10S..... Rge..... 15..... East West County..... Osborne.....

WELL LOG

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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Name	Top	Bottom
Anhydrite	+872	
Grd Haven	-581	
Dry Shale	-591	
Dover	-612	
Lansgdon Shale	-615	
Tarkio Lime	-651	
Willard Shale	-678	
Elmont Lime	-710	
Topeka	-865	
Heebner	-1112	
Toronto	-1134	
LKC	-1160	
BKC	-1424	
Conglomerate	-1512	
Sandy Congl.	-1517	
Old LTD	-1549	
New LTD	-1599	

CASING RECORD <input 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	previously set			181			
Production	7-7/8"	5-1/2"		3377	60/40 pop	150	10% salt, 5% pilson
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			
Shots Per Foot	Specify Footage of Each Interval Perforated					Depth	
2	3000-3004'			1500 gal NS 15%		4'	
2	2984-2987'			Retreat 4000 gal 28% NE		3'	
2	2690 1/2 - 2695 1/2'			2250 gal 28% NE		5'	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Size	Set At	Packer at			
10-24-86		2-3/8"	3286'				
Date of First Production		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
10-24-86							
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
2 1/2		nil	17				

83-2627, Russell, Kansas

16-793-5861, Great Bend, Kansas

Phone Plainville 913-434-812

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC. No. 1779

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	10-20-86	Sec.	27	Twp.	10	Range	15	Called Out	3:30 PM	On Location	5:00 PM	Job Start	5:45 PM	Finish	6:15 PM
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Lease	Greene	Well No.	#1	Location	NATOMA E 1 S 1 E 4 S	County	Osborne	State	Kansas
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Contractor *Rapid Well Service*

Owner *SAME*

Type Job *Circulate Cement on Anydrite*

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.

Hole Size _____ T.D. _____

Csg. *5 1/2"* Depth _____

Tbg. Size *2"* Depth *875'*

~~Bridge~~ Plug *5 1/2"* Depth *2650'*

Tool *5 1/2"* Depth *875'*

Cement Left in Csg. _____ Shoe Joint _____

Press Max. _____ Minimum _____

Meas Line _____ Displace _____

Perf. *@ 950'*

EQUIPMENT

#177 No Pumptrk	Cementer	<i>M Kaufman</i>
	Helper	<i>Mike H</i>
No Pumptrk	Cementer	
	Helper	
#22 Bulktrk	Driver	<i>Will H</i>
	Driver	

DEPTH of Job

Reference:	<i>PUMP TRK</i>	<i>450.00</i>
	Sub Total	
	Tax	
	Total	<i>450.00</i>

Remarks: *TESTED Bridge plug & packer to @ 1200' spotted 2 SKS sand set packer @ 875' Mixed 300 SKS cement - cement circulated to surface squeezed vents to @ 1000' wash casing out*

Charge To *DON KARST Well Service*

Street *Box 1316*

City *Hays* State *Kansas*

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

Purchase Order No. _____

X *Don Karst*

CEMENT

Amount Ordered *300 SKS 60/40 6% Gel*

Consisting of

Common *180 @ 5.00* *900.00*

Poz. Mix *120 @ 2.10* *252.00*

Gel. *15 SKS @ 6.75* *101.25*

Chloride _____

Quickset _____

Handling *@ 75¢* *225.00*

Mileage *78.00*

Sub Total _____

Total *1556.25*

Floating Equipment _____

Thanks

EMPHASIS OIL OPERATIONS

P. O. Box 506
Russell, KS 67665

001-1

DRILLERS LOG

OPERATOR: Don Karst Well Service, Inc.
201 E. 9th
Hays, KS 67601

CONTRACTOR: Emphasis Oil Operations
Box 506
Russell, KS 67665

LEASE: Greene "OWWO"

WELL #1

LOCATION: Approx. S/2 NW NE
Section 27-10S-15W
Osborne County, Kansas

Rotary Total Depth: 3387'

Elevation: 1786' K.B.

Commenced: 9/25/86

Completed: 9/27/86

Casing: 8-5/8" previously set @ 181'

Status: Oil Well

DEPTHS & FORMATIONS

(All measurements from K.B.)

Cement	60'	Cavings & Cement	520'
Mud	90'	Cement	575'
Cement	190'	Cavings	3345'
Cavings & Mud	420'	Lime (R.T.D.)	3387'

STATE OF KANSAS)
 ss
COUNTY OF RUSSELL)

Kyle B. Branum, of Emphasis Oil Operations, states that the above and foregoing is a true and correct log of the above captioned well, to the best of his knowledge.

Kyle B. Branum

Kyle B. Branum

Subscribed and sworn to before me this 29th of September, 1986.
My Commission Expires: July 29, 1989.

Patricia L. Schawo

Patricia L. Schawo, Notary Public



Received
3-27-87
MAR 27 1987