

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

Operator: License # 6861
Name Ron's Oil Operations, Inc.
Address P.O. Box 112
City/State/Zip Penokee, KS 67659

Purchaser

Operator Contact Person Ron Nickelson
Phone (913)-674-2315

Contractor: License # 8241
Name Emphasis Oil Operations

Wellsite Geologist
Phone

Designate Type of Completion

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

If OWWO: old well info as follows:
Operator Wick Petroleum
Well Name Hanna #1
Comp. Date 11/25/55 Old Total Depth 4620'

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
10/4/87 10/5/87 10-15-87
Spud Date Date Reached TD Completion Date
4100'
Total Depth PBTD Prev. set
Amount of Surface Pipe Set and Cemented/at 245 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated from feet depth to w/ SX cmt
Cement Company Name
Invoice #

API NO. 15-065-01 021 "OWWO"

County Graham

Appr. NW SE NW Sec. 30 Twp. 10S Rge. 24 East West

3950 Ft North from Southeast Corner of Section
3520 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

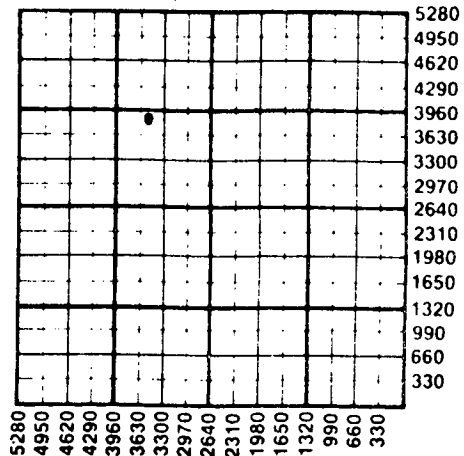
Lease Name Hanna "OWWO" Well # 1

Field Name

Producing Formation

Elevation: Ground KB

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 1200 Ft North from Southeast Corner (Stream, pond etc) 990 Ft West from Southeast Corner Sec 29 Twp 10S Rge 24 East West

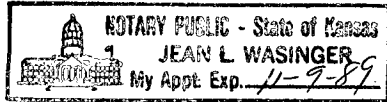
Other (explain) (purchased from city, R.W.D. #)

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. 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 Ronald Nickelson
Title Pres Date 12-1-87

Subscribed and sworn to before me this 3rd day of Dec 1987
Notary Public Jean L. Wasinger
Date Commission Expires 11-9-89



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
1-8-88 (Specify)

Sec 39 Twp 10 Rge 24 W

SIDE TWO

Operator Name Ron's Oil Operations Lease Name..... Hanna "OWWO" Well #..... 1.....

Sec...30..... Twp...10S..... Rge...24..... East West County...Graham.....

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

CASING RECORD <input type="checkbox"/> New <input checked="" 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
Casing		5 7/8	14		4100	150	60/40 Poz Mix
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)	Depth		
10	4021 - 4024 1/2			500 Gal 15% MCA			
10	3852 - 3854 1/2			500 Gal 15% MCA			
TUBING RECORD				Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First Production		Producing Method					
N/A		<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
		Bbls	MCF	Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled

15-005-01021-0001

EMPHASIS OIL OPERATIONS

P. O. BOX 506

RUSSELL, KS 67665

DRILLERS LOG

OPERATOR: Ron's Oil Operations, Inc.
P. O. Box 112
Penokee, KS 67659

CONTRACTOR: Emphasis Oil Operations
Box 506
Russell, KS 67665

LEASE: Hanna "OWWO" WELL #1

LOCATION: Appr. NW SE NW
Section 30-10S-24W
Graham County, Kansas

ROTARY TOTAL DEPTH: 4100'

ELEVATION: --

COMMENCED: 10/4/87

COMPLETED: 10/5/87

CASING: 8-5/8" @ previously set @ 245'
5-1/2" @ 4098.65' w/150 sks cement

STATUS: Oil Well

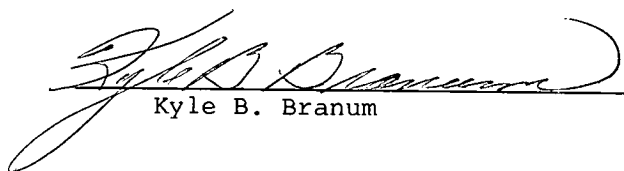
DEPTHS & FORMATIONS

(All measurements from K.B.)

Mud & Water	9'	Cement Plug	275'
Cement & Wood Plug	50'	Mud Rotary (R.T.D.)	4100'
Mud (Rotary)	164'		

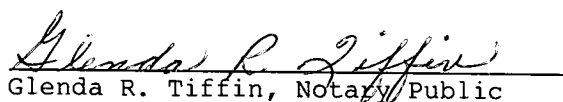
STATE OF KANSAS)
) ss
COUNTY OF RUSSELL)

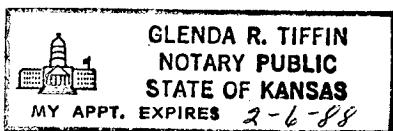
Kyle B. Branum, of Emphasis Oil Operations, states that the above and foregoing is a true and correct log of the above captioned well, to the best of his knowledge.


Kyle B. Branum

Subscribed and sworn to before me on October 13, 1987.

My commission expires: February 6, 1988.


Glenda R. Tiffin, Notary Public



STATE OF KANSAS
OCT 13 1987
NOTARY PUBLIC

RON'S OIL OPERATIONS
PENOKEE, KANSAS 67659

WELL COMPLETION:

HANNA NO. 1
W/2 E/2 NW Sec. 30 10S 24W
GRAMAM CO. KANSAS.

Old well Re-entry:

8 5/8" Surface casing set at 245' (Found cement in cellar)

Wash-down and set 5½ x 14 used casing 4100' with 150 Sx 60/40 PozMix.

10/8/87

Ran Gamma Ray-Neutron & Sonic Bond Log. Found top of cement @ 3250'

10/12/87

Rig up Express Well Service and swab 5½" casing dry to 4077' PBT.D.

Perforated K zone with 10 shots from 4021 to 4024½', no show of mud or oil on gun. One hour test pulled 25' muddy water with slight scum of oil. Acidized with 500 Gal. of 15% MCA at 100# Max. pressure but did not go to vacuum held a little pressure, bled back 1 barrel and swabbed casing volume 11 barrel short of load treatment. 30 Min. test had 35' of acid water with slight scum of oil.

10/13/87

Found 500' of fluid in hole with only a scum of oil on top. "K" zone non-commercial, perforated "C" zone with 10 shots from 3852 to 3854½', had lots rotary mud on gun but very little show of oil. Ran retrievable bridge plug to 3880', Swabbed out 110' very muddy water good show of gas but very little oil. Acidized with 500 Gal. 15% MCA with Max. pressure 250# at 2 B/M injection. Held pressure did not go to vacuum. Swabbed back casing volume with very little acid gas action and tested 7 B/F per Hr. maybe 3% oil. Shut down early to get more acid on location./

10/14/87

Found 1200' of fill up over nite recovered 32 barrel on swab down but only had 15' of oil on top. Re-acidized with 1500 Gal. of 28% Non-E acid at 7 barrel/min., Max pressure 300#. Waited 2 Hours to swab back, took 70 minutes to go to mild vacuum. Started swab down and had Sd. Line trouble had to shut down 4 Hrs to replace swab line. Continued testing until 8 PM but had very little acid gas action. Shut down 70 barrel short of load fluid but showing slight scum of oil.

10/15/87

Recovered 65 barrel on swab down. Oil percentage increased after load was recovered to 7 - 15% on various pulls. 1st Hr. recovered 13 B/F Avg. 6% oil. 2nd Hr. recovered 8 B/F 7% oil 3rd Hr. recovered 7½ B/F 6% oil, 4th Hr. recovered 7 B/F 6% oil. Pilled retrievable bridge plug and tested 8 B/F 5% oil. Well was determined non-commercial and released rig. Called casing pullers to pull casing and plug well to State required operations.

Perfs; 4021 to 4024 "K" zone
3852 to 3854½ "C" zone

Should recover 3200' of 5½" casing.

RECEIVED
STATE CORPORATION COMMISSION
STATE CORP.
MAR - 9 1988
CONSERVATION DIVISION
Wichita, Kansas

TELEPHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31

RUSSELL, KANSAS 67665

TO: Ron's Oil Operations Inc.
P. O. Box 112
Penokee, Kansas 67659

INVOICE NO. 49850
PURCHASE ORDER NO. _____
LEASE NAME Hanna #1
DATE Oct. 5, 1987

SERVICE AND MATERIALS AS FOLLOWS:

Common 90 sks @\$5.00	\$ 450.00	
Pozmix 60 sks. @\$2.10	126.00	
Gel 5 sks. @\$6.75	33.75	
ATL 15 sks. @\$4.75	71.25	
Gilsonite 648#@\$0.29	187.92	
WFR 2 500 gal @\$0.21	<u>105.00</u>	\$ 973.92
Handling 150 sks @\$0.75	112.50	
Mileage (47) @\$0.03¢ per sk per mi	211.50	
Production string	838.00	
1 plug	<u>43.00</u>	<u>1,205.00</u>
	Total	\$ 2,178.92

Float held

THANK YOU

All Prices Are Net, Payable 20th of Month Following Date of Invoice. % of 1% Charged Thereafter

RON'S OIL OPERATIONS
PENOKEE, KANSAS 67659

WELL COMPLETION:

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GRAMAN CO. KANSAS.

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Perforated K zone with 10 shots from 4021 to 4024 1/2', no show of mud or oil on gun. One hour test pulled 25' muddy water with slight scum of oil. Acidized with 500 Gal. of 15% MCA at 100# Max. pressure but did not go to vacuum held a little pressure, bled back 1 barrel and swabbed casing volume 11 barrel short of load treatment. 30 Min. test had 35' of acid water with slight scum of oil.

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Perfs; 4021 to 4024 "K" zone
3852 to 3854 1/2 "C" zone

Should recover 3200' of 5 1/2" casing.

RECEIVED
STATE CHAIRMAN'S COMMISSION
MAR 9 1988
CONSERVATION DIVISION
Wichita, Kansas