

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

Appr. NW SE NW Sec. 30.. Twp. 10S. Rge. 24.. \overline{x} East
West

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

Lease Name.....Hanna "OWWO".....Well #..1.....

Field Name.....

Producing Formation.....

Elevation: Ground.....KB.....

Section Plat

New Well x Re-Entry Workover

if OWWP: old well info as follows:

Operator .Wick Petroleum.....
Well Name .Hanna.#1.....
Comp. Date .11/25/55....Old Total Depth.4620

WATER SUPPLY INFORMATION

Disposition of Produced Water: _____ Disposal
Docket # Repressuring

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

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

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

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.

79322

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 1/2	14		4.100	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				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Size	Set At	Packer at		

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).....

30-10-24W

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

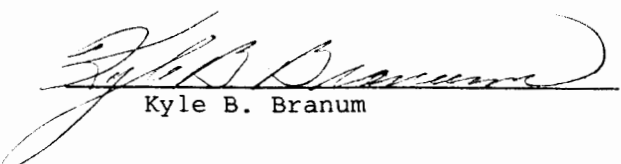
DEPTHS & FORMATIONS

(All measurements from K.B.)

Oil & 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.

Ron Dick

RON'S OIL OPERATIONS
PENOKEE, KANSAS 67659

#6861
22#1
B4112
913-674-2315

IM

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 5 1/2 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 5 1/2" casing dry to 4077' PBTD.

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.

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 3854 1/2', 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 7 1/2 B/F 6% oil, 4th Hr. recovered 7 B/F 6% oil. Palled 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 3854 1/2 "C" zone

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

STATE COMMISSION