

and

SIDE ONE

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 # 03526  
Name Harold Production  
Address 5921 N. Mesa Drive  
City/State/Zip Castle Rock, Colo. 80104  
Purchaser Abacus Petroleum

Operator Contact Person Harold Gordon  
Phone 303 688 6236

Contractor: License # 3868  
Name Harold Well Drilling

Wellsite Geologist None  
Phone

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

If OWO: old well info as follows:  
Operator  
Well Name  
Comp. Date  
Old Total Depth

WELL HISTORY

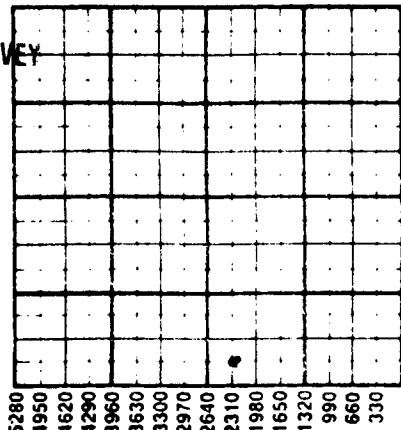
Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
12/21/88 12/24/88 1/8/89  
Spud Date Date Reached TD Completion Date  
Total Depth 856 PBDT  
Amount of Surface Pipe Set and Cemented at 256 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated from surface feet depth to 256 w/ 120 SX cmt  
Cement Company Name HARPO  
Invoice # 101

API NO. 15- 191-22-097  
County Sumner  
SW SE Sec 3 Twp 35S Rge 2 East  West

330 Ft North from Southeast Corner of Section  
2310 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Ballagh Well # 1-A  
Field Name None  
Producing Formation Neva  
Elevation: Ground 1175 KB 1180

Section Plat



KANSAS GEOLOGICAL SURVEY  
WICHITA BRANCH

RECEIVED  
STATE CORPORATION COMMISSION

APR 27 1989

CONSERVATION DIVISION  
Wichita, Kansas

MAY 05 1989

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  
 Surface Water.....Ft North from Southeast Corner  
(Stream, pond etc).....Ft West from Southeast Corner  
Sec Twp Rge 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 April Jones  
Title Pumper Date 4/1/89

Subscribed and sworn to before me this 20 day of April  
19 89  
Notary Public H. J. Nagel  
Date Commission Expires 5/23/89

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  
(Specify)

Sec. 3, Twp 35S, Rge. 2E

SIDE TWO

Operator Name Harold Production Lease Name Ballash Well # 1-A

Sec. 3 Twp. 35S Rge. 2  East  West County Sumner

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
Soil	0	9
lime-shale	9	812
NeVA (gas) shale	812	833
	833	TD

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
Surface	10 3/4	7"	3.2	256	Res	120	None
long string	5 1/4	2 1/8"	4.5	856	Res	125	None

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
2	812-823	Acid 500 gal 28% HCl	812

TUBING RECORD	Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First Production	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)				
1/8/89					

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity
		35	none		

METHOD OF COMPLETION

Production Interval

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

812-822