

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 # 7368
name Terra Resources, Inc.
address 202 N.W. 66th, Suite 715
P. O. Box 839
City/State/Zip Oklahoma City, OK 73101

Operator Contact Person D. J. Harris
Phone (405) 840-5590

Contractor: license # 5107
name H-30, Inc.

Wellsite Geologist Bobby J. Beard, Inc.
Phone (316) 792-8141

PURCHASER CRA, Inc.

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
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
8/13/84 8/19/84 10/01/84
Spud Date Date Reached TD Completion Date
3800 3730
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 554' feet

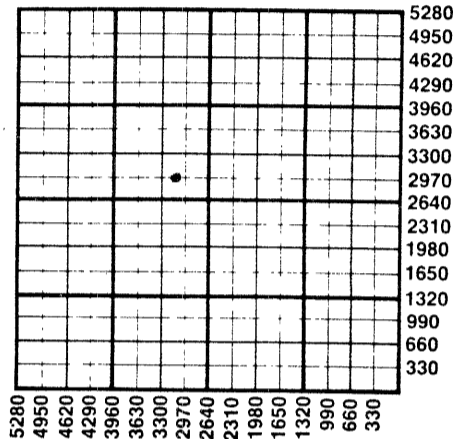
Multiple Stage Cementing Collar Used? Yes No
If Yes, Show Depth Set 1755 feet

If alternate 2 completion, cement circulated from 1755 feet depth to surface w/ 335 SX cmt

API NO. 15 - 065-22,038 - 00-00
County Graham
SE SE NW Sec 14 Twp 9S Rge 21 West
(location)
2970 Ft North from Southeast Corner of Section
3065 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

Lease Name Hinkhouse Well# 1-A
Field Name Morel
Producing Formation Arbuckle
Elevation: Ground 2230 KB 2232

Section Plat



WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit # NA
 Groundwater Ft North From Southeast Corner and Ft West From Southeast Corner of (Well) Sec Twp Rge East West
 Surface Water Ft North From Southeast Corner and (Stream, Pond etc.) Ft West From Southeast Corner Sec Twp Rge East West
 Other (explain) Purchased from tank service (purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal Repressuring
Docket # CR-8815 (C-20,274)

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. Rules 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 [Signature] Title Operations Engineer Date 12/21/84

Subscribed and sworn to before me this 26th day of December 1984

Notary Public Lisa Shaver Date Commission Expires October 14, 1987

STATE CORPORATION COMMISSION
12/27/84
DEC 27 1984
CONSERVATION DIVISION
Wichita, Kansas
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)

Form ACO-1
(This form supercedes previous forms ACO-1 & C-10)

Sec. 14 Twp. 9 Rge. 21

SIDE TWO

Operator Name Terra Resources, Inc. Lease Name Hinkhouse Well# 1-A SEC. 14 TWP. 9S RGE. 21 East West

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
Post rock	0'	41'
Sand & shale	41'	555'
Shale	555'	1468'
Shale & lime	1468'	1755'
Lime & shale	1755'	2250'
Shale & lime	2250'	2435'
Lime & shale	2435'	3035'
Lime	3035'	3800'
Rotary total depth	3800'	
Tarkio lime	2905'	
Topeka	3162'	
Toronto	3392'	
Lansing	3409'	
Base Kansas City	3628'	
Simpson	3692'	
Arbuckle	3706'	

*Logs to be sent by logging company

CASING RECORD new 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"	24#	554'	60/40	150	3% cc, 2% gel
PRODUCTION	7 7/8"	5 1/2"	14#	3799'	Common	100	3% cc, 2% gel
					10-ORFC	170	
					50/50 Poz	335	2% gel, 1/8#

PERFORATION RECORD

shots per foot specify footage of each interval perforated

Acid, Fracture, Shot, Cement Squeeze Record (amount and kind of material used) cellioffake

shots per foot	specify footage of each interval perforated	Depth
4	3736-3740	Cast iron bridge plug & 1 sk cement 3730'
4	3710-3712	

TUBING RECORD

size 2 7/8 set at 3727 packer at None Liner Run Yes No

Date of First Production 10/5/84	Producing method <input type="checkbox"/> flowing <input checked="" 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
	11.6 Bbls	MCF	698 Bbls	CFPB	35

Disposition of gas: vented
 sold
 used on lease

METHOD OF COMPLETION

open hole perforation
 other (specify)

Dually Completed.
 Commingled

PRODUCTION INTERVAL

3710-3712