

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.
signate 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
Ad Date Date Reached TD Completion Date

3800 3730
Total Depth PBD

Count 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
County Graham
SE SE NW Sec 14 Twp 9S Rge 21
(location) ☒ West

2970 Ft North from Southeast Corner of Section
3065 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

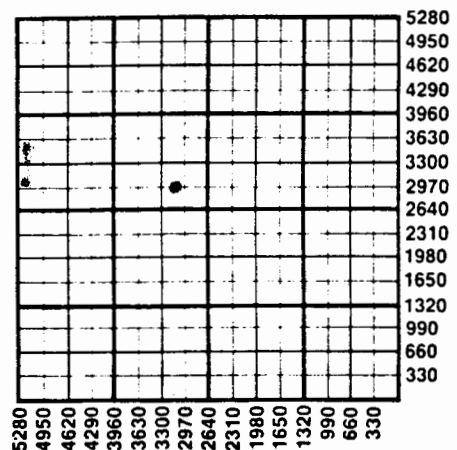
Lease Name Hinkhouse Well# 1-A

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
(Well) Ft. West From Southeast Corner of
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 "Temporary abandoned wells".

RECEIVED

STATE CORPORATION COMMISSION

SIDE TWO

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

TUBING RECORD size 2 7/8 set at 3727 packer at None		Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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 11.6 Bbls	Gas MCF	Water 698 Bbls
			Gas-Oil Ratio CFPB
			Gravity 35

Disposition of gas: ☐ vented ☐ sold ☐ used on lease

METHOD OF COMPLETION ☐ open hole ☒ perforation ☐ other (specify)

PRODUCTION INTERVAL 3710-3712

☐ Dually Completed.
☐ Commingled

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 Common	150	3% cc, 2% gel
PRODUCTION	7 7/8"	5 1/2"	14#	3799'	10-ORFC 50/50 Poz	100 170 335	3% cc, 2% gel 2% gel, 1/8#

PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated			(amount and kind of material used)	Depth
4	3736-3740			Cast iron bridge plug & 1 sk cement	3730'
4	3710-3712				