

WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
500 East Murdock, Wichita, Kansas

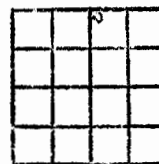
1-31-9W

Company- CITIES SERVICE OIL CO.
Farm- Conrardy "B" No. 1

SEC. 1 T. 31 R. 9W
NW NW NE
330' S & 330' E of N/4
corner

County Harper
KANSAS

Total Depth. 4513'
Comm. 10-24-58 Comp. 11-10-58
Shot or Treated.
Contractor. Barbour Drlg. Co.
Issued. 1-24-59



Elevation. 1672' Gr.

Production. 3000 BOPD, NW

CASING:

8 5/8" 412' cem w/250 sx.
5 1/2" 4508' cem w/150 sx.

Figures indicate Bottom of Formations.

clay & sand	45
sand	90
red bed	412
shale & shells	1140
shale & lime	1850
lime	1980
lime & shale	2110
shale & lime	2260
lime & shale	2785
shale & lime	2890
lime & shale	2955
lime	3030
shale & lime	3155
lime	3266
shale & lime	3405
lime & shale	3515
shale & lime	3562
lime, sandy	3630
sand	3651
sand & lime	3700
lime	4220
shale & lime	4300
lime & shale	4389
chert	4493
lime	4513

4513 Rotary TD = 4508 S.L.M.

Total Depth

Plugged back to 4494½'

TOPS: CORR.

Heebner	3435
Toronto (scout)	3456
Douglas	3471
Lansing	3647
Base Kansas City	4168
Mississippi	4379
Mississippi Lime (scout)	4493
Pen.	129'

Perf. 54 shots 4436-45.
Perf. 24 shots 4428-32.
Perf. 24 shots 4422-26.

11-18-58 Acidized 250 gals. MCA ahead of frac.
11-18-58 Frac with 10,000# sand & 10,000 gals.
acid Jell, breakdown pressure 1750#,
treating pressure 1750-1300#.

This record made 12/85 for use in filing NGPA application,
No other record available.

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 # 5447
Name Citjes Service Oil & Gas Corp.
Address 3545 N.W. 58th Street
City/State/Zip Okla. City, Okla. 73112

Purchaser: oil: Texaco, Inc.
gas: Kansas Power & Light

Operator Contact Person Raymond Hui
Phone (405) 949-4400

Contractor: License # n/a
Name Barbour Drilling Co.

Wellsite Geologist: n/a
Phone

Designate Type of Completion old well - not applicable

☐ 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

10-24-58 11-10-58 12-11-58
Spud Date Date Reached TD Completion Date
4508' 4494'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 412 feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

Est. as of 10-1-85	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 hours	2.9 Bbls	22 MCF	2.5 Bbls	CFPB	

METHOD OF COMPLETION

Disposition of gas: ☐ Vented ☒ Sold ☐ Open Hole ☒ Perforation
☐ used on Lease ☐ Other (Specify)

API NO. 15- None available

County Harper
330' S, 330' E of N/4 Cor. Sec. 1 ☐ East
C.NW .NW. .NE. Sec. 1... Twp 31S. Rge. 9... ☒ West

4950 Ft North from Southeast Corner of Section
2310 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

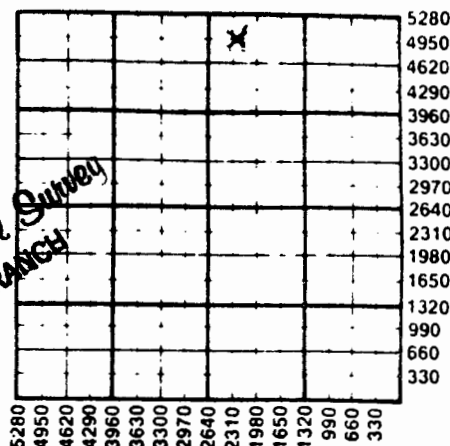
Lease Name Conrardy B. Well # 1

Field Name Spivey-Grabs

Producing Formation Mississippi

Elevation: Ground 1672' KB 1675'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: ☒ Disposal
Docket # Piped to Rice Engr. Co. ☐ Repressuring
Spivey Salt Water Disposal System

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

Production Interval

4386-4445'

SIDE TWO

Operator Name Cities Service Oil & Gas Corporation Lease Name Conrardy, B. Well # 1Sec. 1 Twp. 31S Rge. 9 ☐ East ☒ West County Harper

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
Clay & Sand	0	45
Sand	45	90
Redbed	90	412
Shale & Shells	412	1140
Shale & Lime	1140	1850
Lime	1850	1980
Lime & Shale	1980	2955
Lime	2955	303
Shale & Lime	3030	3562
Lime & Sandy	3562	3630
Sand	3630	3651
Sand & Lime	3651	3700
Lime	3700	4220
Shale & Lime	4220	4389
Chert	4389	4493
Lime	4493	4513

Note: In February, 1985 perforated additional Miss. zone 4386-4406' and commingled w/existing Miss. perms.

DEC 20 1985
 State Geological Survey
 WICHITA BRANCH

4513' Rotary T.D. - 4508' S.L.M.

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	8-5/8"	412'	250				
Production	5-1/2"	4508'	150				

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record
(Amount and Kind of Material Used) Depth

6	4436-45	4428-32	4422-26'	Acidized w/250 gals. MCA	4422-4445
4	4386-4406'			Frac w/10,000# sand & 10,000 gals. acid gel	
				Acidized w/1000 gals. MCA	4386-4406'

TUBING RECORD	Size	Set At	Packer at	Liner Run	☐ Yes ☐ No
	2-3/8"	4491'			

Date of First Production Producing Method

12-11-58 (IP 3000 BO. D. Bld. 6,000 MCF) ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....