

1-31-9W

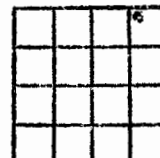
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company- CITIES SERVICE OIL CO.
Farm- Conrardy "B" No. 2

SEC. 1 T. 31 R. 9W
NW NE NE

Total Depth. 4525' RTD
Comm. 12-17-58 Comp. 2-4-59
Shot or Treated.
Contractor. Barbour Drlg.
Issued. 7-23-60

County Harper KANSAS



CASING:

8" @ 398 w/250 sks cem.
5" @ 4525

Elevation. 1689 D.F.

Production. 145 BOPD
FLO POT

Figures indicate Bottom of Formations.

SCOUT TOPS:

Elgin	3277
Heebner	3452
Dodge	3466
Douglas	3485
Lansing	3670
Mississippi	4394

Drill Stem Test;

#1 4396-4416
#2 4416-4431
#3 4431-4441
#4 4451-4461
#5 4461-4471
#6 4471-4481

S.L.M. 4525=4523
Mississippi 4392
CO 4504
42 shale 4460-67
47 shale 4450-58

flow 160 barrels oil, 4 barrels water/ 13 hrs.
flow 107 barrels oil, trace water/ 7½ hrs.
flow 145 barrels oil, 8 barrels water/ 24 hrs.

No prior state record exists.

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISIONWELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 5447
 Name Cities 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 - n.a.

☐ 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

12-18-58 1-8-59 1-26-59
 Spud Date Date Reached TD Completion Date
 4523' 4504'
 Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 398 feet
 Multiple Stage Cementing Coiler Used? ☐ Yes ☒ No

API NO. 15-.....n.a.....

County Harper

C. NW NE NE Sec. 1 Twp 31 S Rge. 9 ☐ East
☒ West

4950 Ft North from Southeast Corner of Section
 990 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

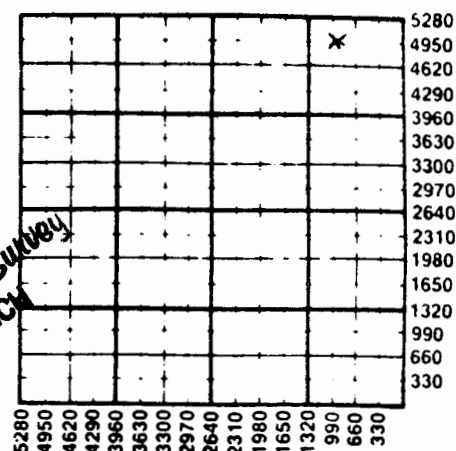
Lease Name Conrardy B. Well #. 2.

Field Name Spivey-Grabs

Producing Formation Mississippi

Elevation: Ground 1686' KB 1689'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: ☒ Disposal
 Docket # Rice Engineering Co.'s ☐ 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

I.P. 1-26-59: 145 BO, 8 BW ^{Oil}	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 hours				
Oct., 1985				
2.3 Bbls	31 MCF	2 Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

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

..4450-4467'.....

SIDE TWO

Operator Name **Cities Service Oil & Gas Corporation** Lease Name **Conrardy B.** Well # **2**

Sec. **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
Surf. soil & sand	0	60
Sand	60	105
Redbed & Shale	105	403
Shale & Shells	403	1575
Shale & Lime	1575	2470
Shale & Lime Shells	2470	2600
Shale	2600	2760
Shale & Lime	2760	2970
Lime	2970	3055
Lime & Shale	3055	3303
Lime, Shale, Sand	3303	3360
Lime & Shale	3360	3552
Shale & Sand	3552	3670
Lime	3670	4125
Shale & Lime	4125	4400
Chert	4400	4481
Lime & Chert	4481	4500
Lime	4500	4525

4525 R.T.D. - 4523 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"		398'		350	
Production		5-1/2"		4523'		150	

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
6	4450-58' 4460-67'	Acidized w/500 gals. MCA	4450-67'

TUBING RECORD	Size	Set At	Packer at	Liner Run	☐ Yes ☐ No
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Date of First Production **1-26-59** Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....