

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 CITGO Corporation

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

Contractor: License # 5302
Name Red Tiger Drilling

Wellsite Geologist
Phone

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover
☒ Oil ☐ SWD ☐ Temp Abd
☐ Gas ☐ Inj ☐ Delayed Comp.
☐ Dry ☐ Other (Core, Water Supply etc.)

If ONWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

2-3-85 2-15-85 4-10-85
Spud Date Date Reached TD Completion Date
4636' 4509'
Total Depth PBTD

Wireline Log Rec'd
Amount of Surface Pipe Set and Cemented at 302 feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set feet
If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt

METHOD OF COMPLETION

Disposition of gas: ☐ Vented
☐ Sold
☐ Used on Lease

☐ Open Hole ☒ Perforation
☐ Other (Specify)

☐ Dually Completed
☐ Commingled

API NO. 15-153-20591

County Rawlins

Sec. 24 Twp. 1S Rge. 35 East ☐ West ☒

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

(Note: Locate well in section plat below)

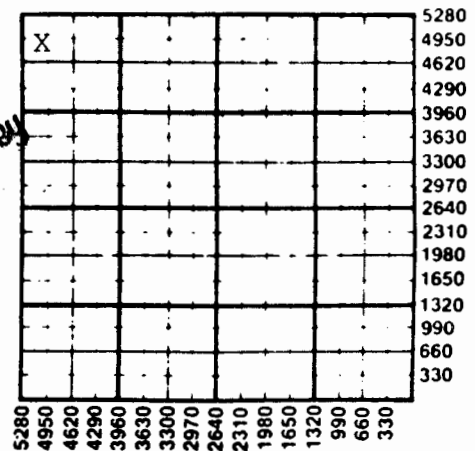
Lease Name Sis "A" Well # 1

Field Name Cahoi West

Producing Formation LKC

Elevation: Ground 3140' KB 3145'

Section Plat



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 2500 Ft North from Southeast Corner
(Stream, pond etc.) 800 Ft West from Southeast Corner
Sec 26 Twp 1S Rge 35 East West

☐ Other (explain) Will Skolout Atwood KS
(purchased from city, R.W.D. #)

Production Interval
LKC "E/F" 4262-79'
LKC "D" 4225-30'

LKC "C" 4172-75'
LKC "B" 4125-34'

SIDE TWO

PZ 24-1-35W

Operator Name **Cities Service Oil & Gas Corporation** Lease Name **Sis "A"** Well # **1**
 NW NW NW
 Sec. **24** Twp. **1S** Rge. **35** ☐ East ☒ West County **Rawlins**

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

Top of Cement: 3450'

DST #1 4120-32' (12' Anchor)
 Mis-run packer failure

DST #2 4075-4132' (57' Anchor)
 LKC A&B Zones
 30-60-30-60

Set CIBG at 4509'

Ran Dual Induction & Densilog & Neutron Logs

Name	Top	Bottom
Native Mud	0	303'
Oread	3939	
Heebner	4005	
Lansing	4066	
LKC "C"	4168	
LKC "D"	4218	
LKC "E"	4257	

TD: 4636'

PBTD: 4509'

RECEIVED

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	18		40		
	Bbls	MCF	Bbls	CFPB	

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#	302'	Class A	250	3% cc 1/4# sx
Production	7-7/8"	5-1/2"	14#	4635'	50/50 Pozmix	190	Flo seal 10% salt & 3/4 Halad 322

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	Cherokee 4526-30'	Acidized w/500 gals. 15% NE	4526-30'
2	LKC "E/F" 4262-79'	Acidized w/1000 gals. 15% MCA	4262-79';
	"D" 4225-30'		4225-30'
4	LKC "C" 4172-75'	Acidized w/1000 gals. 15% NE	4172-75'
2	LKC "B" 4125-34'	Acidized w/1500 gals. 15% NE	4125-34'

TUBING RECORD Size **2** Set At **4159** Packer at **Liner Run** ☐ Yes ☒ No

Date of First Production **4-10-85** Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....

REQUEST FOR CHANGE OF OPERATOR
TRANSFER OF INJECTION AUTHORIZATION
OR TRANSFER OF SURFACE POND PERMIT

KANSAS CORPORATION COMMISSION
CONSERVATION DIVISION
130 S MARKET, ROOM 2078
WICHITA, KANSAS 67202

Check Applicable Boxes:

[] Oil Lease: No. of Wells _____ **

[] Gas Lease: No. of Wells _____ **

** SIDE TWO MUST BE COMPLETED **

[] Saltwater Disposal Well - Docket No. _____

Spot Location: _____ feet from N/S Line

_____ feet from E/W Line

[X] Enhanced Recovery Proj. Docket No. E26,060

Entire project: Yes/No ✓

Number of injection wells 1 **

Old Name Cahoj West

Surface Pond Permit # _____
(API No. If Drill Pit)

Identify: Emergency Pit ☐

Burn Pit ☐

Storage Pit ☐

Drill Pit ☐ 4

Past Operator's License No. 30700

Past Operator's Name and Address:

Abraxas Production Corporation

P.O. Box 17485

San Antonio, TX 78217

Title Production Analyst

New Operator's License No. 31514 ✓

New Operator's Name and Address

Thoroughbred Associates LLC

10 Colonial Ct.

Wichita, KS 67207

Title Managing Partner

ACKNOWLEDGEMENT OF TRANSFER: The above request for transfer of injection authorization surface pond permit # _____ has been noted, approved and duly recorded in the record of the Kansas Corporation Commission. This acknowledgement of transfer pertains to Kansas Corporation Commission records only and does not convey any ownership interest in the above injection well(s) or pond permit.

Thoroughbred Assoc., LLC is acknowledged as the new operator and may continue to inject fluids as authorized by Docket # E26,060. Recommended action Please schedule on MIT w/ District Office

Date 2-19-96

Allen Smith
Authorized Signature

Effective Date of Transfer 01/17/96

Lease Name Sis A

_____ NW Sec 24 T 1S R 35 (W/E)

Legal Description of Lease: NW Sec 24,

T-1S, R-35 W

County Rawlins

Production Zone(s) _____

Injection Zone(s) Lansing

Contact Person: Cynthia Cornelius

Phone: (210) 828-5354

Date December 28, 1995

Signature Cynthia Cornelius

Contact Person Robert C. Patton

Phone (316) 685-1512

Oil/Gas Purchaser _____

Date January, 1996

Signature Robert C. Patton

_____ is acknowledged as the new operator of the above named lease containing the surface pond permitted by # _____

Date _____

Authorized Signature

Form T1 7/9