

This record made up 12/85 for use in filing NGPA application.
No prior state record exists.

SIDE ONE

15-095-10016-0000

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 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 Co.

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

Contractor: License # na
Name Lohmann Johnson Drilling Co.

Wellsite Geologist na
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

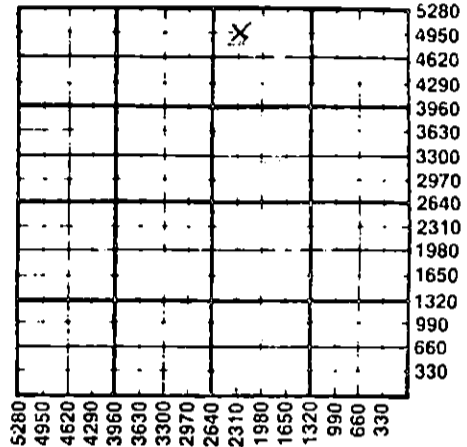
Drilling Method:
 Mud Rotary Air Rotary Cable

8-31-59 9-17-59 10-23-59
Spud Date Date Reached TD Completion Date
4295' 4278'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 409 feet
Multiple Stage Cementing Coilar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated from feet depth to w/SX cmt

API NO. 15- none existing
County Kingman
G. NW NW NE Sec. 18 Twp. 30 Rge 8 East 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 Messenger D Well # 1
Field Name Spivey - Grabs
Producing Formation Mississippi
Elevation: Ground 1571 MSL DF: 1574

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # D-4409 Repressuring
Cities Service Arensdorf "A" #1 SWD

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
 Other (explain) (purchased from city, R.W.D. #)

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. Rule 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 Del G. Oliver
Title Engineering Manager Date 12-12-85

Subscribed and sworn to before me this 12 day of December 1985
Notary Public Debra Jo Nowell
Date Commission Expires 4-24-89

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

RECEIVED
STATE CORPORATION COMMISSION Form ACO-1 (7-84)

DEC 19 1985 12-19-85

181wp 30rg 5w

SIDE TWO

Operator Name Cities Service Oil & Gas Corporation Lease Name Messenger D Well # 1

Sec. 18 Twp. 30 Rge. 8 East West County Kingman

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

DST #1 4201-4221' Open 1 hr, gas 2 min., 2830 MCF/15 min. ISIP 1730#/30 min., IFP 430#, FFP 550#, FSIP 1570#/30 min. Rec. 64' MG cond.

DST #2 4221-41' open 41 min., gas 2 min., ISIP 1630#/30 min. IFP 455#, FFP 685#, FSIP 1610#/30 min. Rec. 270' free oil, 100' MO

DST #3 4241-51' open 1 hr., gas 9 min ISIP 1610# IFP 120#, FFP 370#, FSIP 1605#. Rec. 623' free oil, 184' muddy oil, 30' MW

DST #4 4251-61 Open 1 hr. gas 33 min TSTM, ISIP 1610#, IFP 65#, FFP 110#, FSIP 1610#, Rec. 30' OM, 237' lt. GMO, 20' MSW.

DST #5 4261-71' Open 1 hr. gas 40 min TSTM, ISIP 1610#, IFP 100#, FSIP 1605#, Rec. 87' OM 119' MO, 12' MSW. FFP 100#

| Name | Top | Bottom |
|-----------------------------|------|--------|
| Sand & Shale | 0 | 400 |
| Shale, Sand & Shells | 400 | 1120 |
| Shale | 1120 | 1300 |
| Shale & Lime | 1300 | 1355 |
| Lime | 1355 | 2020 |
| Lime & Shale | 2020 | 2910 |
| Lime | 2910 | 4294 |
| R.T.D. 4294' - S.L.M. 4295' | | |

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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" | 18# | 408' | Pozmix | 275 | |
| Production | 7-7/8" | 5-1/2" | 14# | 4293' | Pozmix | 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 | 4258-65, 4246-50, 4238-43' | | | 1000 gals mud acid | | 4238-65' | |
| TUBING RECORD | | | | | | | |
| Size | Set At | Packer at | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | |
| 2" | 4262' | | | | | | |
| Date of First Production | Producing Method Original: Flowing; Current: pumping | | | | | | |
| 9-25-59 | <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)..... | | | | | | |
| IP: Flowed 180 oil, 6wt% Oil 1296 MCF Gas | Gas | Water | Gas-Oil Ratio | Gravity | | | |
| Estimated Production Per 24 hours | as of Oct. 1985: | | | | | | |
| | 0.6 Bbls | 33 MCF | 1 Bbls | CFPB | | | |

| METHOD OF COMPLETION | | Production Interval |
|---|---|---------------------|
| Disposition of gas. <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease | <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perforation <input type="checkbox"/> Other (Specify) | 4238-4265' |
| <input type="checkbox"/> Dually Completed <input type="checkbox"/> Commingled | | |