

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 NW 58th Street
City/State/Zip Oklahoma City, OK 73112

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

Contractor: license # 6033
name Murfin Drilling Company

Purchaser: Citgo
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 OWWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable

7-22-85 7-28-85 8-22-85
Spud Date Date Reached TD Completion Date

4789! 4771!
Total Depth PBTB

Amount of Surface Pipe Set and Cemented at 360 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

API NO. 15-153-20619-00-00

County Rawlins

NW SW NW Sec 33 Twp 3S Rge 36

3400 Ft North from Southeast Corner of Section
4720 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

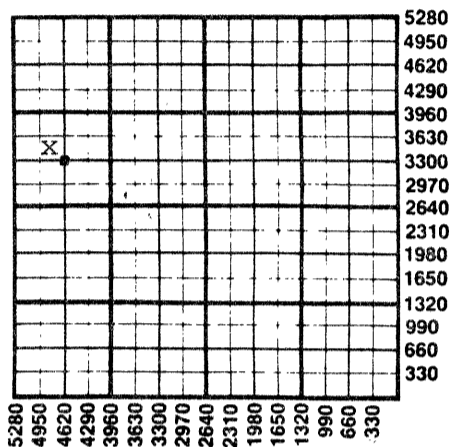
Lease Name Hubbard-Powell "A" Well# 2

Field Name Celia South

Producing Formation Cherokee

Elevation: Ground 3333' KB 3338'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

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 city, R.W.D.#)

Disposition of Produced Water: Disposal Repressuring

Docket #

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 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 9-11-85

Subscribed and sworn to before me this 12 day of September 19 85

Notary Public

Date Commission Expires 4-24-89

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

SEP 16 1985
09-16-85
Form ACO-1 (This form supercedes previous forms ACO-1 & C-10)
CONSERVATION DIVISION
Wichita, Kansas

Sec 33 Twp 3S Rge 36

Operator Name Cities Service Oil & Gas Corp. Lease Name Hubbard-Powell A Well# 2 SEC 33 TWP 3S RGE 36 East 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

Ran GRN w/Collar Locator. Ran Cement Bond Log.

| Name | Top | Bottom |
|--------------|----------|--------|
| Heebner | 4190' | |
| Lansing | 4241' | |
| Mercer | 4536' | |
| Pawnee | 4594' | |
| Cherokee | 4682' | |
| Cherokee Pay | 4707' | |
| | T.D. | 4789' |
| | P.B.T.D. | 4771' |

| 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 Production | 12-1/4" 7-7/8" | 8-5/8" 5-1/2" | 24# 14# | 360' 4787' | Class A Howco-Lite & 50/50 Poz. | 275 75 125 | 3% CaCl-2 & 1/4# Flocele. 10% salt 0.75% Halad 322. |
| 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 | 4702-10' Cherokee | | | Acidized w/1000 gals. 15% MCA + 20# Ferchek | | | 4702-10' |
| TUBING RECORD | | | | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | |
| Date of First Production | | Producing method | | | | | |
| 8-22-85 | | <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 | Gas | Water | Gas-Oil Ratio | Gravity | | |
| | 62 Bbls | MCF | Bbls | CFPB | | | |

Disposition of gas: vented
 sold
 used on lease

METHOD OF COMPLETION
 open hole perforation
 other (specify) _____
 Dually Completed.
 Commingled

PRODUCTION INTERVAL

Cherokee 4702-10'



LAUGHLIN-SIMMONS & CO. OF KANSAS, INC.

OIL FIELD SURVEYING
1337 NORTH MERIDIAN, SUITE 2 (316) 943-5351
WICHITA, KANSAS 67203

KW703859
INVOICE NO.

CITIES SERVICE OIL & GAS OPERATOR 2 NO. Hubbard=Powell "A" FARM

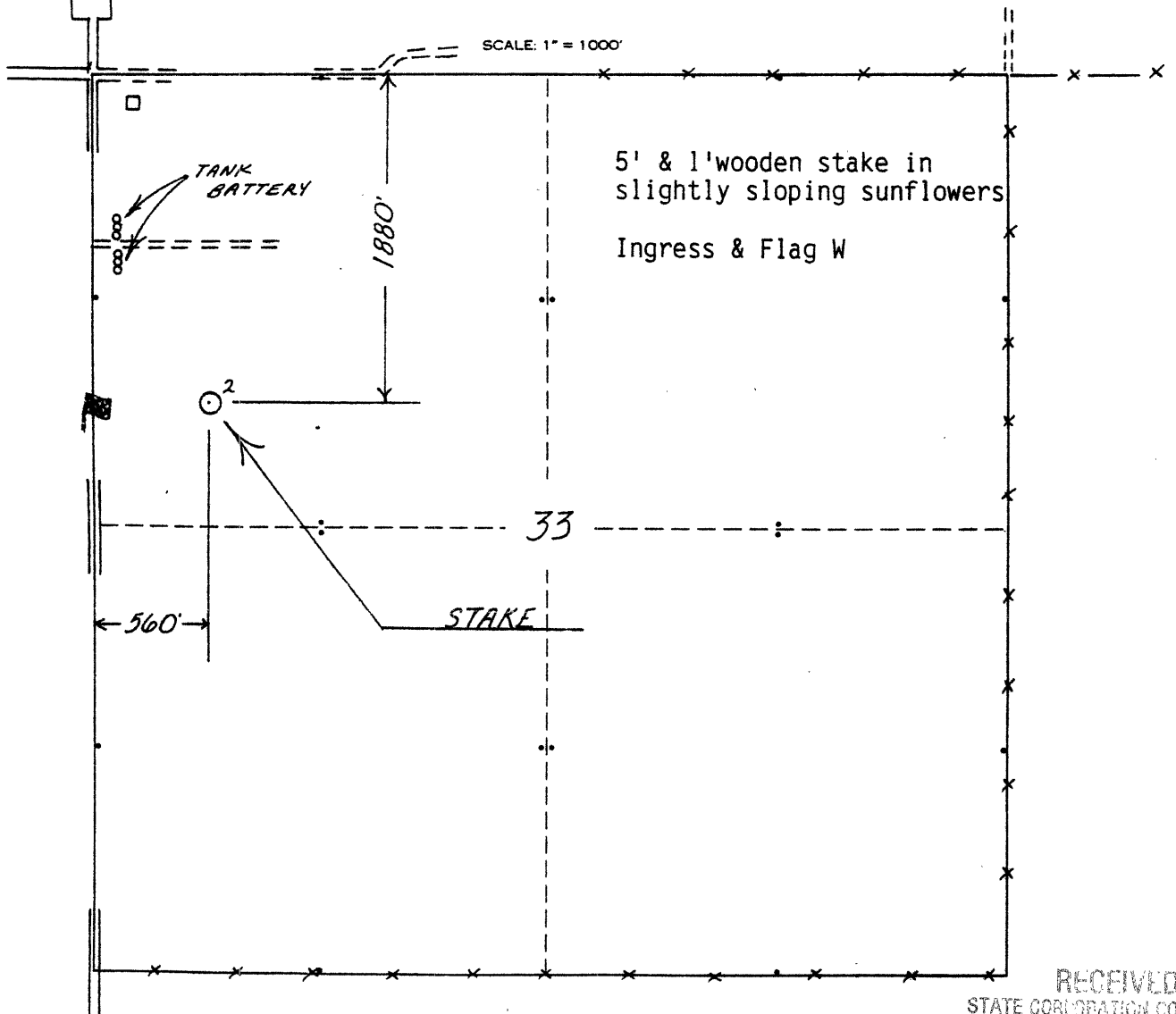
Rawlins COUNTY 33 S 36 W 560'FWL 1880'FNL of Section LOCATION

ELEVATION: 3333 gr

CITIES SERVICE OIL & GAS CORP.
700 BURTON BLDG.
WICHITA, KANSAS 67202

*1 1/2 miles N
to "MC DONALD"*

AUTHORIZED BY: Chuck Horsman



RECEIVED
STATE CORPORATION COMMISSION

OCT 29 1965

CONSERVATION DIVISION
Wichita, Kansas

PLAT AND CERTIFICATION OF ACREAGE ATTRIBUTABLE TO AN OIL WELL

State Corporation Commission, Conservation Division
200 Colorado Derby Bldg. Wichita, Kansas 67202

OPERATOR Cities Service Oil & Gas Corporation LOCATION OF WELL:

LEASE Hubbard-Powell "A"

1880 feet from the N line

560 feet from the W line

WELL NUMBER 2

Of the NW of Sec 33 T.3S R. 36W

FIELD Celia South

COUNTY Rawlins

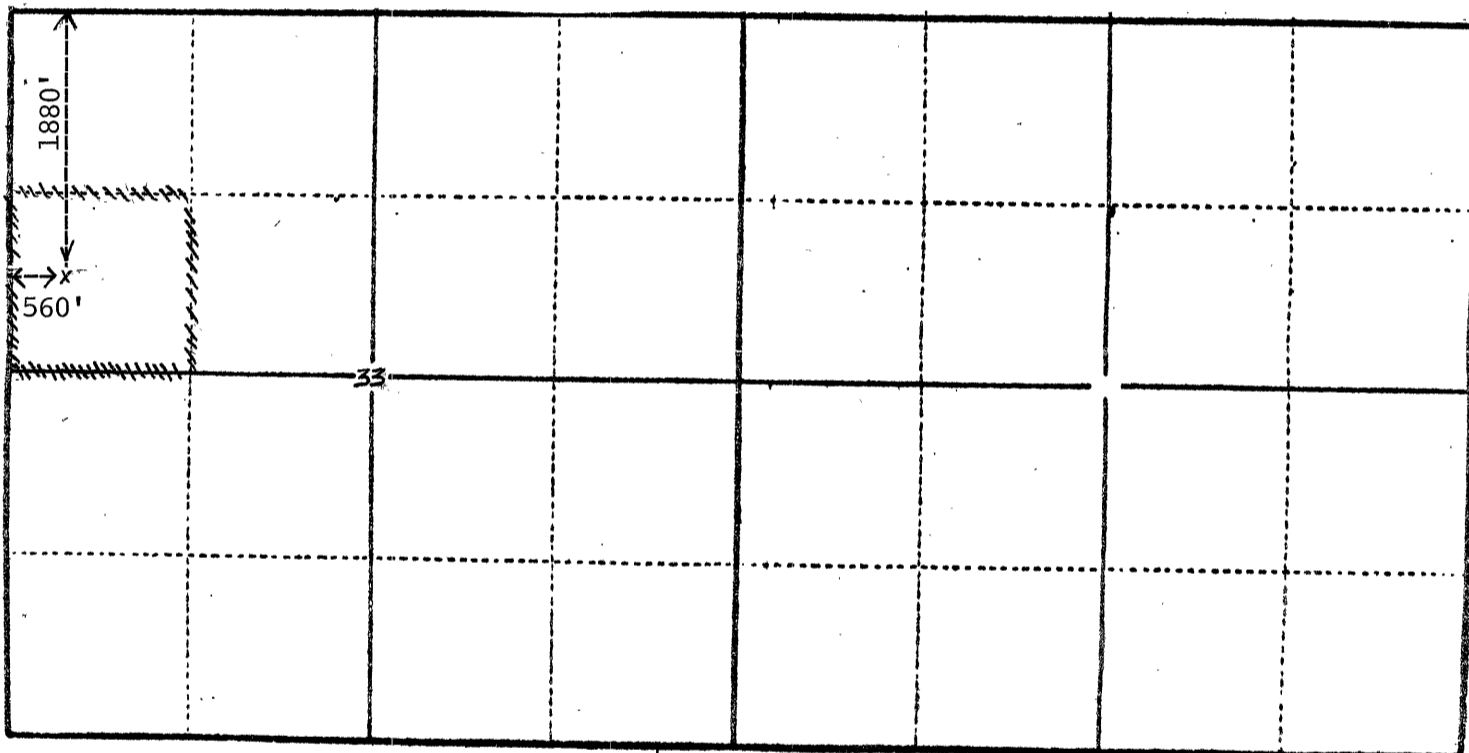
*NUMBER OF ACRES

ATTRIBUTABLE TO WELL 40 acres

DESCRIPTION OF ACREAGE:

P L A T

(Show location of Well and outline attributable acreage)



The undersigned hereby certifies that he is Raymond Hui for Cities Service Oil & Gas Corp., a duly authorized agent, that all information shown hereon is true and correct to the best of his knowledge and belief, and that all acreage claimed as attributable to the well named herein is held by production from that well.

Raymond Hui *Raymond Hui*

Suscribed and sworn to before me on this 1 day of November, 19 85.

Jessie Jo Howell
Notary Public

My Commission expires 4-24-89

RECEIVED
STATE CORPORATION COMMISSION

NOV 4 1985

CONSERVATION DIVISION
Wichita, Kansas