

STATE OF KANSAS  
STATE CORPORATION COMMISSION  
200 COLORADO DERBY BUILDING  
WICHITA, KANSAS 67202

WELL PLUGGING RECORD

Drilling  
API NUMBER Completed 1-21-65

LEASE NAME O'Brien "B"

WELL NUMBER 2

SPOT LOCATION 810' FSL - 660' FWL

SEC. 7 TWP. 20 RGE. 21 (~~XXX~~W)

COUNTY Ness

DATE WELL COMPLETED 1-21-65

PLUGGING COMMENCED 5-1-84

PLUGGING COMPLETED 5-4-84

TYPE OR PRINT  
PLEASE FILL OUT COMPLETELY  
AND MAKE REQUIRED AFFIDAVIT.

LEASE OPERATOR Cities Service Oil and Gas Corporation

ADDRESS 800 Sutton Place Bldg., Wichita, Ks. 67202

PHONE #(316) 265-5624 OPERATORS LICENSE NO. 5447

CHARACTER OF WELL Oil  
(OIL, GAS, D&A, SWD, INPUT, WATER SUPPLY WELL)

DID YOU NOTIFY THE KCC/KDHE JOINT DISTRICT OFFICE PRIOR TO PLUGGING THIS WELL? Yes

WHICH KCC/KDHE JOINT OFFICE DID YOU NOTIFY? District #1

Is ACC-1 FILED? Drilling Completed 1-21-65 IF NOT, IS WELL LOG ATTACHED? Yes

PRODUCING FORMATION Mississippi DEPTH TO TOP 4357' BOTTOM 4364' T.D. 4372'

SHOW DEPTH AND THICKNESS OF ALL WATER, OIL AND GAS FORMATIONS.

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
				8 5/8"	509'	- 0 -
				4 1/2"	4371'	658'

DESCRIBE IN DETAIL THE MANNER IN WHICH THE WELL WAS PLUGGED, INDICATING WHERE THE MUD FLUID WAS PLACED AND THE METHOD OR METHODS USED IN INTRODUCING IT INTO THE HOLE. IF CEMENT OR OTHER PLUGS WERE USED STATE, THE CHARACTER OF SAME AND DEPTH PLACED, FROM FEET TO FEET EACH SET. Dumped sand and plugged back to 4320 ft. Dumped 4 sacks cement on top of sand. Ran freepoint and shot casing off at 685 ft. Pulled 685 ft. 4 1/2" casing. Pumped 3 sacks hulls, 15 sacks gel, 50 sacks 50/50 pozmix plus 3% CaCl-2, 15 sacks gel, 1 sack hulls down 8 5/8" surface casing. Pumped plug to 390 ft. and filled to surface w/150 sacks Pozmix. Plug and abandonment completed 5-4-84.

State Witness - Bob Tarbutton

(IF ADDITIONAL DESCRIPTION IS NECESSARY, USE BACK OF THIS FORM.)

NAME OF PLUGGING CONTRACTOR Halliburton Services LICENSE No. \_\_\_\_\_  
ADDRESS Box 405, Ness City, Kansas 67560

STATE OF Kansas COUNTY OF Sedgwick, ss.

Charles N. Richmond (EMPLOYEE OF OPERATOR) ~~OR~~  
(OPERATOR) OF ABOVE-DESCRIBED WELL, BEING FIRST DULY SWORN ON OATH, SAYS: THAT I HAVE KNOWLEDGE OF THE FACTS, STATEMENTS, AND MATTERS HEREIN CONTAINED AND THE LOG OF THE ABOVE-DESCRIBED WELL AS FILED THAT THE SAME ARE TRUE AND CORRECT, SO HELP ME GOD.

(SIGNATURE) Charles N. Richmond  
Charles N. Richmond  
(ADDRESS) 800 Sutton Place, Wichita, Ks. 67202

SUBSCRIBED AND SWORN TO BEFORE ME THIS 29 DAY OF May, 19 84

Lodema A. Stoneroad  
NOTARY PUBLIC



MY COMMISSION EXPIRES: 2-10-85

Lodema A. Stoneroad

RECEIVED  
STATE CORPORATION COMMISSION FORM CP-4  
REVISED 06-83

MAY 31 1984

CONSERVATION DIVISION  
Wichita, Kansas

15135.19149-0000

Geol. 64 10M

# WELL RECORD

WILDCAT .....  
DISCOVERY .....  
POOL Schaben .....

Company Cities Service Oil Company Well No. 2 Farm O'Brien "B"

Location 810' N. & 660' E. of SW Corner Sec. 7 T. 20S R. 21W

Elev. Serv. K.B. 2215' D.F. 2212' Gr. 2207' Co. Ness State Kansas

N. I. P. 58 B.O. + 232 B.W. in 24 hrs. A. I. P. Grav.

Pay Zones Mississippian

Perforations 21 shots 4357-4364'

Acid 500 gals. Hydrafrac

T. D. 4372' P. B. T. D. 4367' N. T. D. Drlg. Comm. 1/10/65 Drlg. Comm. 1/21/65

### CASING RECORD

8 5/8" @ 509' w/250 sacks.  
4 1/2" @ 4371' w/100 sacks.

Contractor Peel Brothers

### Elec. log tops:

Heebner 3730'  
Lansing 3777'  
Ft. Scott 4276'  
Cherokee 4298'  
Miss. 4349'  
E.T.D. 4373'

### Formation Record:

	Depth:
clay & rock	0 - 60
shale & shell	870
sand	1090
shale	1429
anhydrite	1464
shale & shell	1665
shale	2130
shale & shell	2210
shale & lime	2360
lime	2845
lime & shale	3485
shale & lime	3602
lime & shale	3750
lime	3840
lime & chert	3905
lime	4372 R.T.D.

### Slope Test (Eastman)

LO @ 500'  
LO @ 1000'  
LO @ 1500'  
LO @ 2350'  
LO @ 3518'  
LO @ 3957'

C.O. 4367' P.B.T.D. Pf. 21 sh. 4357-64'.  
Az. 250 gals., rec. load, P.O.P.  
Pu. 31 B.O. & 134 B.W. in 24 hrs., pulled rods & tubing, ran tubing w/packer at 4230.  
Pu. 24 B.O. with emulsifer & 100 sax. of visqueeze, swb. dry. Az. 250 gals., pulled tubing & packer, P.O.P. Pu. 38 B.O. & 142 B.W. in 24 hrs. State Phy. Pot. 58 B.O. & 232 B.W. in 24 hrs. South Schaben Field. Allowable 44 BOFD.

3/12/65  
ng

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NOV 14 1983

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