

STATE OF KANSAS
STATE CORPORATION COMMISSION
CONSERVATION DIVISION
200 Colorado Derby Building
Wichita, Kansas 67202

FORM CP-1
Rev. 6/4/84

WELL PLUGGING APPLICATION FORM

(File One Copy)

15-147-19123-00-01

API NUMBER 8-18-50 (of this well)

(This must be listed; if no API# was issued, please note drilling completion date.)

LEASE OPERATOR Cities Service Oil & Gas Corporation OPERATORS LICENSE NO. 5447

ADDRESS 209 E. William, 800 Sutton Place Bldg.
Wichita, Kansas 67202 PHONE # (316) 265-5624

LEASE (FARM) Kohman WELL NO. 2 WELL LOCATION SW NE NE COUNTY Phillips

SEC. 33 TWP. 5S RGE. 20 (E) or (W) TOTAL DEPTH 3741' PLUG BACK TO _____

Check One:

OIL WELL _____ GAS WELL _____ D & A _____ SMD or INJ WELL X DOCKET NO. 38,247-C
(C-2211)

SURFACE CASING SIZE 10-3/4" SET AT 153' CEMENTED WITH 125 SACKS

CASING SIZE 7" SET AT 3660' CEMENTED WITH 150 SACKS

PERFORATED AT 5-1/2" Liner @ 3668-3511' with 30 sacks
Open Hole 3741-3668' (73')

CONDITION OF WELL: GOOD _____ POOR X CASING LEAK _____ JUNK IN HOLE _____

OPERATOR'S SUGGESTED METHOD OF PLUGGING THIS WELL 40 sacks 50/50 Pozmix 3668-3450';

60 sacks 50/50 Pozmix 1350-1050' across Cedar Hills; 50 sacks 200'-Surface.

(Gel/Water spacer between plugs)

(If additional space is needed use back of form)

IS WELL LOG ATTACHED TO THIS APPLICATION AS REQUIRED? Yes IS ACO-1 FILED? No
(If not, explain)

DATE AND HOUR PLUGGING IS DESIRED TO BEGIN Approximately July 15, 1985.

PLUGGING OF THIS WELL WILL BE DONE IN ACCORDANCE WITH THE REGULATIONS OF THE STATE CORPORATION COMMISSION.

NAME OF COMPANY REPRESENTATIVE AUTHORIZED TO BE IN CHARGE OF PLUGGING OPERATIONS:

J. D. Hininger, Production Foreman PHONE # (913) 674-2182

ADDRESS Box 38, Hill City, Kansas 67642

PLUGGING CONTRACTOR Halliburton LICENSE NO. _____

ADDRESS Box 47
Oberlin, Kansas 67749 PHONE # (913) 475-2228

PLUGGING WILL BE GUARANTEED BY OPERATOR OR AGENT

SIGNED: Charles W. Horsman
(Operator or Agent)

Invoice should be sent to: STATE CORPORATION COMMISSION
CITIES SERVICE OIL & GAS CORPORATION
3545 N.W. 58th Street
Oklahoma City, Oklahoma 73112 (Attn: Jacques Pierce)

DATE: June 25, 1985

cc: Raymond Hui
Daryl Duvall Dick Adams

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10-15-85
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Wichita, Kansas

WELL RECORD

Company Cities Service Oil Co. Well No. 2-A Farm Robson
 Location 990' South and 990' West of NE Corner Sec. 33 T. 5 R. 20W
 Elevation 2140 County Phillips State Kansas
 Cleaned out old hole to 1180'
 Drig. Comm. on new hole: May 2, 1950 Contractor R. W. Rine Drilling Company
 Drig. Comp. August 8, 1950 Acid 500 gals. mud acid 8-18-50
 T. D. 3741' Initial Prod. Input Test indicated capacity 375 bbls. water per hr.

SALT WATER DISPOSAL WELL

CASING RECORD:

18-3/4" @ 155' cas. 125 sacks cement
 7" @ 3660' cas. 190 sacks cement

157' of 5-1/2" liner at 3668' with 90 sacks cement.

FORMATION RECORD:

Cleaned out old hole	0-1180
shale & shells	1680
shale	1860
anhydrite	1895
shale	2055
shale & shells	3020
shale & sandy lime	3155
lime	3420
lime & shale	3560
lime	3590
shale & lime	3660
coars, shaly sand, shale & sand, res. 3'	3665
coral, sand, res. 4' 3"	3670
3670 TO 3665 SLK	

sand
 granite wash 3712 T. D.

Set whipstock at 3581. Started making new hole at 3541.

lime & shale	3561-3660
shale & sand	3741 T. D.

Corr. Top Gorhan	3646'
Corr. Top Reagan	3658'
Top Granite Wash	3715'
Penetration	33'
Total Depth	3741'

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OCT 10 1955

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 Wichita, Kansas

No cement in casing between float and shoe.

Hole caved from behind casing.

Plugged back with sand from 3748 to 3670 and with Calceal from 3670 to 3662 SLK.

Set retainer at 3640 and squeezed with 125 sacks cement; 75 sacks behind casing at 1900'.

Drilled cement and cleaned out to 3682; hole caving.

Plugged back with sand 3682 to 3677 and with 2 sacks Calceal from 3677 to 3666.

Perf. 10 shots 3653-55.

Set retainer at 3618 and squeezed with 86 sacks; 26 sacks behind casing at 2000'.

Drilled cement and Calceal to 3675; tool stuck at 3658 or 7' off bottom. Did not recover tools. Set whipstock at 3552 and drilled new hole 3561-3741, total depth.

157' of 5-1/2" liner cemented at 3668' with 90 sacks cement.

Formation tops in whipstock hole:

Gorhan Sand	3645'
Reagan	3661'
Granite Wash	3712'
Granite	3739'
Penetration	2'
Total Depth	3741'

STWO: 2200' 2", 2390' 1" and 2940' 1"



CITIES SERVICE OIL AND GAS CORPORATION
800 SUTTON PLACE BUILDING
209 EAST WILLIAM WICHITA, KANSAS 67202

(316) 265-5624

Thursday 3rd Oct.
Call J.D.

call J.D. Monday 30th

Sept. 16, 1985

70
913-674-2782

Injection Well

60
40
40
40
40
280

Marion Schmidt
K.C.C.-K.D.H.E.
1014 Cody
Hays, Kansas 67601

RE: Well Plugging Application
Cities Service Oil & Gas Corp.
Kohman #2
Sw Ne Ne Sec. 33-T5S-R20W
Phillips County, Kansas

Dear Sir:

Upon our recent telephone conversation September 9th, below are my plugging recommendations for the above captioned well.

Plug #	Formation	Depth	Cement (sacks)
1	Arbuckle	3668-3450	60
2	Anhydrite	1674	30-40
3	Cheyenne Base Dakota (50' Above Top)	1180	30-40
4	Dakota - clay break (50' Above Top)	870-680	30-40 - cover 100 feet
5	Surface	200-0	40-50
6	10 3/4" x 7" Annulus	Surface	40-50

The plugs will consist of Class "A" cement and will be positioned down hole using a packer and tubing.

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A SUBSIDIARY OF OCCIDENTAL PETROLEUM CORPORATION

7070

3.00

280 57
C 1245 A

Page 2

The above depths are estimates which could change when correlating actual depths to be perforated using a gamma ray tool. A four-way squeeze gun will be utilized to perforate the three intervals; 1670', 1180', and 680'.

If you have any questions or further requirements, please feel free to contact this office.

Sincerely,



Charles W. Horsman
Engineer

CWH/sjw

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