STATE OF KANSAS
STATE CORPORATION COMMISSION
130 S. Market, Room 2078
Wichita, KS  67202

WELL PLUGGING RECORD
K.A.R.-82-3-117

API NUMBER  15-147-11-10-48
LEASE NAME  Ray "C"
WELL NUMBER  4

TYPE OR PRINT
NOTICE: Fill out completely and return to Comm. Div. office within 30 days.

LEASE OPERATOR  OXY USA Inc.
ADDRESS  P.O. Box 300; Tulsa, OK 74102-0300
PHONE #  (918) 561-2211  OPERATOR'S LICENSE NO.  5447

Character of Well  Oil
(Oil, Gas, D&A, SWD, Input, Water Supply)

The plugging proposal was approved on  October 22, 1996
by  Dennis L. Hamel

Is ACO-1 file?  No  If not, is well log attached?  Yes

Producing Formation  Reagan
Depth to Top  3580'  Bottom  3584'  T.D.  3584'

Show depth and thickness of all water, oil and gas formations.

<table>
<thead>
<tr>
<th>OIL, GAS OR WATER RECORDS</th>
<th>CASING RECORDS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Formation</strong></td>
<td><strong>Content</strong></td>
</tr>
<tr>
<td>Reagan</td>
<td>Oil</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.

Dug out csg & orange peeled 5-1/2" to 8-5/8" csg. Install 2" riser to surface. RU H L S & perf @ 1130' & 1760' w/ 2 spf. MIRU Murfin Drilling, RIH w/ 2-3/8" tblg. Open ended to 3600'. Pumped 65 sx 2 w/ 2% CC and 300# cottonseed hulls. Pulled 48 lst to 2100'. Pumped 65 sx cmt & 200# hulls. Pulled tblg to 600'. Pumped 30 sx cmt & circ to surface. POOH w/ rest of tblg. (continued on back)

Name of Plugging Contractor  Halliburton Energy Services  License No.  5287
Address  1102 E. 8th St.; Hays, KS 67601

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES:  OXY USA Inc.

STATE OF  Kansas  COUNTY OF  Rooks  ss.

Kenneth R. Curry  (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)  
(Address)  P.O. Drawer D: Plainville, KS 67663

SUBSCRIBED AND SWORN TO before me this 14 day of February, 1997

Sheryl Nelson
Notary Public

My Commission Expires:  May 20, 2000

Form CP-4
Revised 05-88
Additional plugging report information on the Ray "C" #4

Hooked up to 5-1/2" csg & pumped 20 sxs cmt. Max P.S.I. 400#. S.I.P. 300#. Hooked up to 6-5/8" csg & pumped 50 sxs MIDCON 2 cmt w/ 2% CC & 100# hulls. Max P.S.I. 400#. S.I.P. 300#. Total 230 sxs cmt used.
WELL RECORD

Company: Cities Service Oil Co.
Well No.: 4
Day: "C"

Location: 990' South and 990' West of NE Corner
Sec.: 32
T.: 5
R.: 20

Elevation: 2186 (2183 Gr.)
County: Hillips
State: Kansas

Drill Comm.: 11-10-48
Contractor: R. W. Rine Drilling Co.

Drill Comp.: 11-22-48
Acid: None

T. D.: 3584'
Ind. Capacity: 5443 oil, 0 wtr., 24 hrs.

Casing Record:
8-5/8" @ 205' with 250 sacks cement.
5-1/2" @ 3581' with 150 sacks cement.

Formation Record:

<table>
<thead>
<tr>
<th>Formation</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sand</td>
<td>0-100</td>
</tr>
<tr>
<td>Shale</td>
<td>205</td>
</tr>
<tr>
<td>Shale and sand</td>
<td>1715</td>
</tr>
<tr>
<td>Anhydrite</td>
<td>1740</td>
</tr>
<tr>
<td>Shale and shale</td>
<td>2640</td>
</tr>
<tr>
<td>Lime and shale</td>
<td>3280</td>
</tr>
<tr>
<td>Lime</td>
<td>3576</td>
</tr>
<tr>
<td>3576 rotary T.D.</td>
<td>3582 S.L.M.</td>
</tr>
</tbody>
</table>

SYFO:
500' = 2°
1000' = 1°
1500' = 2°
2000' = 1°
2500' = 1°
3000' = 1°

7-7/8" rotary hole.

Corr. Top Lansing: 3336'
Corr. Top Arbuckle: 3578'
Corr. Top Reagan: 3580'
Penetration: 4'
T.D.: 3584'

Fill-up:
1820' oil in ½ hour.
2600' oil in 1 hour 40 minutes.

RECEIVED
KANSAS CORPORATION COMMISSION
FEB 18 1997
CONSERVATION DIVISION
WICHITA, KS