

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

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

15-147-00542-00-00

API NUMBER 15-147-07-31-42

LEASE NAME Nichol

WELL NUMBER 4

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

1692 ft. from S Section Line

3588 ft. from E Section Line

SEC. 33 TWP. 05 RGE. 20 or (W)

COUNTY Phillips

Date Well Completed 08/09/42

Plugging Commenced 11/12/96

Plugging Completed 11/12/96

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 (date)

by Dennis L. Hamel

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

Producing Formation Reagan Depth to Top 3552' Bottom 3570' T.D. 3620'

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

OIL, GAS OR WATER RECORDS

CASING RECORDS

Formation	Content	From	To	Size	Put in	Pulled out
Reagan	Oil	3550'	3558'	10-3/4"	152'	0
				7"	3620'	0

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 7" to 10-3/4" csg. Install 2" riser to surface. RU H.L.S. & perf @ 1150' & 1700' w/ 2 spf. MIRU Murfin Drilling, RIH w/ 2-3/8" tbg. Open ended to 3600'. Pumped 105 sxs MIDCON 2 w/ 2% CC and 300# cottonseed hulls. Pulled 48 jts to 2100'. Pumped 105 sxs cmt & 200# hulls. Pulled tbg to 600'. Pumped 45 sxs cmt & circ to surface. POOH w/ rest of tbg. (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 in the~~ ^{filed in the} same are true and correct, so help me God.

KANSAS CORPORATION COMMISSION

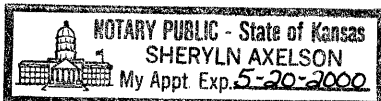
2-18-97

FEB 18 1997

(Signature) [Signature]

(Address) P.O. Drawer D; Plainville, KS 67663

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



CONSERVATION DIVISION
WICHITA, KS

[Signature]
Notary Public

My Commission Expires: May 20, 2000

Additional plugging report information on the Nichol #4.

Hooked up to 7" csg & pump 15 sxs cmt. Max P.S.I. 500#. S.I.P. 500#. Hooked up to 10-3/4" csg & pumped 65 sxs MIDCON 2 cmt w/ 2% CC & 100# hulls. Max. P.S.I. 300#. S.I.P. 150#. Total 355 sxs cmt used.

WELL RECORD

Company Cities Service Oil Co. Well No. 4 Farm Nichol
 Location 60' northeast of Center of SW NE SW Sec. 33 T. 5 R. 20W
 Elevation 2128 County Phillips State Kansas
 Drig. Comm. July 31, 1942 Contractor R. W. Rine Drilling Company
 Drig. Comp. August 9, 1942 Acid None
 T. D. 3620' Initial Prod. Physical Potential: 194 oil, no water, 24 hrs.

CASING RECORD:

10-3/4" . 152' cem. 125 sx Lone Star
 and Lehigh cement
 7" " 3620' 100 sx Ash Grove

FORMATION RECORD:

surface clay & sand	0-152
shale & shells	1675
anhydrite	1715
shale & shells	1745
shale	2030
shale & shells	2722
lime	2795
shale & shells	3125
lime & shale	3208
lime	3240
lime soft	3258
lime & shale	3298
lime	3612
granite	3620

3620 Rot. TD = 3620 SLM

Top Reagan	3552'
Top Granite	3611'
Penetration	9'
Total Depth	3620'

nan Schlumberger.

Aug. 11, 1942 - Halliburton drill stem test, packer at 3554, made 630' fluid (240' oil and 390' wtr.) in 1 hour.

Aug. 17, 1942 - Perforated by Lane- Wells: 8 shots 3550-58
 10 shots 3551-54
 12 shots 3551-54

Fillup: 100' fluid in 1/2 hr. Bailed dry and hole filled.
 100' fluid in 1-3/4 hrs.
 275' fluid in 4-1/2 hrs.
 650' fluid in 8-1/2 hrs.
 1150' fluid in 17-1/2 hrs.
 1700' fluid in 23-1/2 hrs.
 1875' fluid in 25-1/2 hrs.

Perforated penetration in keagan, 6'.

Syfo:	500'	0°
	1000'	0°
	2000'	0°
	2500'	0°
	3000'	0°

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FEB 18 1997

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 WICHITA, KS