

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

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

03416
 API NUMBER 15-051-97509-0000

LEASE NAME Colahan "A"

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

WELL NUMBER 5

4269 Ft. from S Section Line

4950 Ft. from E Section Line

SEC. 24 TWP. 11S RGE. 17 (R) or (W)

COUNTY Ellis

Date Well Completed 11-24-39

Plugging Commenced 5-4-92

Plugging Completed 5-7-92

LEASE OPERATOR OXY USA INC.

ADDRESS 110 S. Main #800

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

Character of Well Oil

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

The plugging proposal was approved on 5-3-92 (date)

by Marion Schmidt (KCC District Agent's Name).

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

Producing Formation Arbuckle Depth to Top 3420' Bottom 3427' T.D. 3427'

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
Arbuckle	Oil	3421'	27'	8-5/8"	1015'	
				5-1/2"	3421'	

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. Mixed and pumped 100 sx Class "A" w/ 3% CC. Let set 2 hrs. Mixed and pumped 200 sx 65/35 Poz containing 8% gel. Let set 3 hrs. Mixed and pumped 400 sx 65/35 Poz w/ 10% salt, 2% gel, 3% CC and 1/4#/sk Flocele. Let set 1 hr. Pumped 80 bbl saltwater on vacuum. Mixed and pumped 75 bbl salt mud (100 vix, 9.8 weight) followed by 200 sx 65/35 Poz + 8% gel, 10% salt and 1/4#/sk Flocele.
 (If additional description is necessary, use BACK of this form.)

Name of Plugging Contractor Express Well Service License No. 6426

Address P.O. Box 426, Victoria, Kansas, 67671-0426

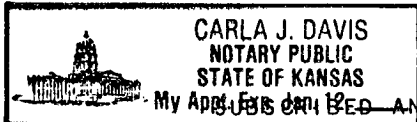
NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: OXY USA INC.

STATE OF Kansas COUNTY OF Sedgwick, ss.

Stephen McDaniel (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) Stephen McDaniel

(Address) 110 S. Main #800, Wichita, 67202



My Commission Expires 1-12-94 AND SWORN TO before me this 13th day of May 1992

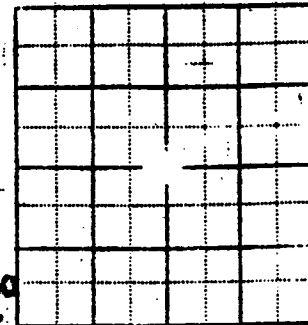
Carla J. Davis
 Notary Public

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 May 19 1992
 CONSERVATION DIVISION
 Wichita, Kansas
 Form CP-4
 Revised 05-88

(Cont.)

Mixed and pumped 75 bbls salt mud. Pressured between 50-100 psi. Mixed and pumped 200 sx same cement. Shut in 3 hours. Mixed and pumped 200 sx 65/35 Poz w/ 2% gel, 10% salt, 1/4#/sk Flocele and 3% CC. Pressured to 100 psi at 1 BPM. Tagged cement at 558'. Mixed and pumped 50 sx 65/35 Poz w/ 8% gel down 5-1/2" and 8-5/8". Hole loaded and held 400 psi for 30 min. State witness: Dale Balthazor (last day).

WELL RECORD



Company Cities Service Oil Co. No. 5 Farm Colahan
 Location 330' E. & 1011' S. of NW Cor. Sec. 24 T. 11 R. 17-W
 Elevation 1929 County Ellis State Kansas
 Drig. Comm. Nov. 4, 1939 Echo-Meter Potential 35,150
 Date Completed Nov. 24, 1939 Initial Production oil, 0 wtr., 24 hrs. after
 Contractor: J. E. Mabee Company 500 gallons acid.

Total Depth 3427'

CASING RECORD:

8-5/8" 1015' cem. 270 regular, 25 OilMax & 10 Acougel
 5 1/2" OD 3421' 100 Ashgrove cement & 15 Acougel

Corrected top Arbuckle 3420
 Penetration 7
 Total Depth 3427

FORMATION RECORD:

clay & shale 0-136
 shale & shells 360
 sand & shale 650
 shale & shells 700
 sand 790
 red bed & shale 985
 shale 1015
 shale & shells 1127
 anhydrite 1137
 lime 1170
 red bed & shale 1465
 shale 1487
 salt & shale 1670
 shale & shells 1755
 lime broken 2225
 sand 2306
 shale 2330
 shale & lime shells 2418
 shale - shells 2697
 lime 2729
 lime broken 2779
 lime & shale 2818
 lime broken 2859
 lime 3008
 chert & lime 3018
 lime 3352
 lime broken 3407
 lime 3413
 shale 3421
 top Arbuckle 3421
 lime 3422
 T. D. rotary 3422
 T. D. rotary 3422 = 3421 S.L.M.
 dolomite 3425
 shale 3427 T. D.

FILLUP: 2800' oil in 45 minutes.

SYFO: 900' 0°
 1500' 0°
 2000' 10°
 3000' 0°

Rotary 0-3421 S.L.M.
 Cable Tools 3421-3427

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