

STATE OF KANSAS
STATE CORPORATION COMMISSION

Form CP-4

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
212 No. Market
Wichita, Kansas 67202

WELL PLUGGING RECORD

Graham County. Sec. 20 Twp. 9S Rge. (E) 21 (W)

Location as "NE/CNW/SW" or footage from lines NW NW NW

Lease Owner Cities Service Oil Company

Lease Name Davignon "A" Well No. 1

Office Address Box 553 Russell, Kansas 67665

Character of Well (completed as Oil, Gas or Dry Hole) Oil

Date well completed March 8 19 50

Application for plugging filed October 1 19 70

Application for plugging approved October 2 19 70

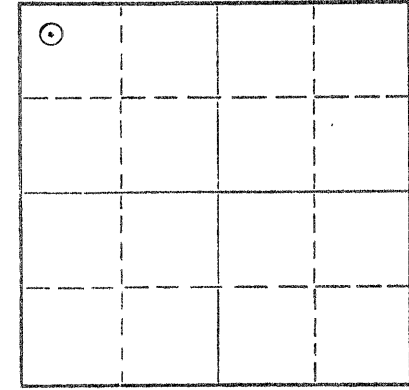
Plugging commenced November 2 19 70

Plugging completed November 2 19 70

Reason for abandonment of well or producing formation No longer economical -
no remedial possibilities

If a producing well is abandoned, date of last production December 1 19 68

Was permission obtained from the Conservation Division or its agents before plugging was commenced? yes



Locate well correctly on above Section Plat

Name of Conservation Agent who supervised plugging of this well Mr. W. L. Nichols

Producing formation Arbuckle Depth to top 3828' Bottom - Total Depth of Well 3832 Feet

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

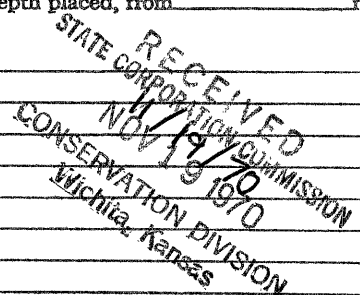
OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
				8 5/8"	280'	None
				5 1/2"	3829'	None

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 for each plug set.

Pumped one sack hulls down casing
Pumped in 25 sacks cement and 28 sacks gel
filling from 3832' to 1000'
Pumped in 125 sacks cement (Max. Press. 1300#)
filling from 1000' to surface. Shut
casing in with 500#.
Cut off casing and welded on steel cap.



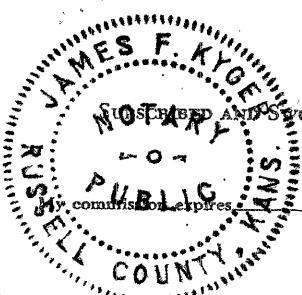
Name of Plugging Contractor Halliburton Company
Address Hays, Kansas

STATE OF Kansas, COUNTY OF Russell, ss.
E. W. Peterman (employee of owner) or (owner or operator) of the 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 and that the same are true and correct. So help me God.

(Signature) E. W. Peterman
Box 553 Russell, Kansas 67665

18th day of November, 19 70



10-5-72

James F. Kyger
Notary Public.

WELL RECORD

Company Cities Service Oil Co. Well No. 1 Farm Davignon
 Location 330' South and 330' East of NW Corner Sec. 20 T. 9 R. 21W
 Elevation 2313 (2311 Gr.) County Graham State Kansas
 Drlg. Comm. February 21, 1950 Contractor R. W. Rine Drilling Company
 Drlg. Comp. March 8, 1950 Acid None
 T. D. 3832' Initial Prod. Draw-down Potential: 3000 oil, no water, 24 hrs. (3-24-50)
Ind. Cap. 12,362 bbls. per day.

CEMENT RECORD:

5-5/8" @ 280' cem. 175 sx cement
 5-1/2" @ 3829' cem. 175 sx cement

FORMATION RECORD:

surface soil & sand 0-135
 clay & shale 280
 shale & shells 2225
 lime & shale 3415
 lime 3824
 3824, KFD = 3829 SLM
 lime 3832 T. D.

Corr. Top Lensing 3531' (-1220)
 Corr. Top Conglomerate 3794'
 Corr. Top Simpson Shale 3818'
 Corr. Top Arbuckle 3828' (-1517)
 Penetration 4'
 Total Depth 3832' (-1521)

Fillup: 580' oil in 1 hr. 25 mins.
 765' oil in 1 hr. 55 mins.
 2077' oil in 2 hrs. 40 mins.
 2842' oil in 4 hrs. 25 mins.

SYFO: 500' 1°
 1000' 0°
 1500' 1°
 2000' 1°
 2500' 1°
 3000' 0°

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 Wichita, Kansas

7-7/8" rotary hole.

-52 csg leak

1-8-54 Hole in Csg @ 1390'. Squeezed
 w/ 1900# SP. 128 SX SON thru hole.
 T.D. SLM 3834'

Date January 13, 1960

For D. W. Holland

Room _____

From E. W. Startz

Room _____

RE: PAYOUT REPORT: REPAIR CASING LEAK - DAVIGNON #1, SECTION 20-T9S-R21W, GRAHAM COUNTY, KANSAS.

WELL DATA BEFORE WORK:

Completion Date:	3-8-50
Casing Record:	8-5/8" @ 280' cem. with 175 sx. 5 1/2" @ 3829' cem. with 175 sx.
Producing Formation:	Arbuckle, Top 3828', Penetration 4'
Total Depth:	3832'
Initial Potential:	3000 oil, no water, 24 hrs. (Draw-down)
Production before casing leak:	10 oil, 190 wtr., 24 hrs.
Present Production:	100% water
Cumulated Production:	98,052 barrels

PAST REMEDIAL WORK:

6-30-52	Casing Repair - squeezed with 147 sx. cement
1-14-54	Casing Repair - squeezed with 128 sx. cement

CURRENT REMEDIAL WORK:

7-19-59	Move in and R.U. cable tools.
7-20-59	To squeeze casing today.
7-21-59	Ran Howco H.R.C. Packer. Hole in csg. with input of 7 gal/min at 1400# - dropped to 5 gal/min. at 1400#. Pulled tubing. Bailed hole to 600' - Bailed 10 gal/min at 600'. Re-filled casing - Pressured up to 800# - had 200# drop in 1 min. Unable to pump fluid in. Ran 2" tubing w/Howco Straddle Packers (4 sets). Located leak in casing 1391'-1393'. Input rate 5 gal/min. at 1500#. Old casing repair job was at 1390'. Pulled tubing w/packers. Ran SLM w/collar finders. Collars at 1313', 1344', 1374' and 1405'.
	Lane Wells set on collars at 1344' and 1374'. Perf. 1 shot 1392 1/2', 1 shot 1393' - Loaded casing Press. up to 900# - unable to pump in. 75# press. drop in 1 min. Perf. 1 shot at 1394'; 1 shot at 1395'. Press. up to 900# unable to pump in, 75# press. drop in 1 min. Ran Howco Yowell tool and straddled perforations. Broke formation down at 1500#. 4 bbl./min. thru perf. at 1100#. Pulled Yowell tool.
	Ran 5 1/2" Howco HRC Tool on 2" tubing; set at 1213' Applied 600# on Annulus. 5 bbl./min. input at 900# below pkr. thru perforations. Mixed and pumped in 65 sx. S.O.W. cement; had 1500# standing press. in 10 min. circ. out 29 sx. - 21 sx. left in csg., 15 sx. thru perf.

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7-23-59

7-24-59

D. W. Holland
(Pay Out Report)

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January 13, 1960

7-25-59	W.O.C.
7-26-59	W.O.C.
7-28-59	Rigged up small rotary - drilled cement 1220'- 1395'. Pumped and circ. hole to 1418'. Bailed hole to 1418' and tested dry 30 min.
7-29-59	Drilled limit plug and C.O. 3751' to 3828' Hole dry. T.D. 3832'.
7-30-59	C.O. to 3834' SLM - old T.D.
7-31-59	Put well on pump at 6:30 P.M. Pumping O.K.

PRODUCTION TESTS AFTER WORK:

8-3-59	12 Oil - 398 Wtr. - 24 Hours
8-4-59	12 Oil - 403 Wtr. - 24 Hours
10-15-59	10 Oil - 490 Wtr. - 24 Hours
12-15-59	10 Oil - 490 Wtr. - 24 Hours

ECONOMIC SUMMARY:

Estimated total oil since workover to 1-1-60:	1372 bbls.
Estimated increased oil due to workover as of 1-1-60:	1372 bbls.
Estimated increase in C.S.O. Revenue as of 1-1-60:	\$2050
Estimated cost of workover:	\$4392
Estimated time to pay out cost of workover:	11.8 Months

ES/djl

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