

15 185.01042.00.00

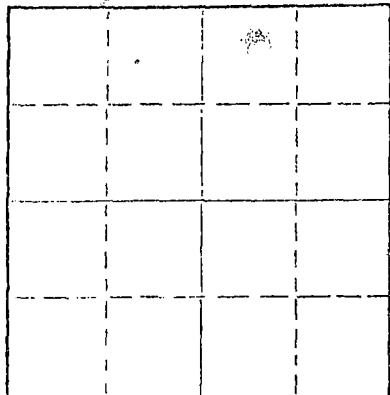
STATE OF KANSAS
STATE CORPORATION COMMISSION

Form CP-4

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission

P. O. Box 17027
Wichita, Kansas 67217
NORTH

WELL PLUGGING RECORD



Locate well correctly on above
Section Plot

Stafford County. Sec. 13 Twp. 24 Rge. 14 (E) (W) X
Location as "NE/CNW/SW" or footage from lines SE/NE/SE
Lease Owner. White Hawk Oil Co.
Lease Name. HARRISON Well No. 1
Office Address. Box 1150, Great Bend, Kansas 67530
Character of Well (completed as Oil, Gas or Dry Hole)
Date well completed 19
Application for plugging filed 19
Application for plugging approved 19
Plugging commenced August 12, 1974
Plugging completed Sept. 21, 1974
Reason for abandonment of well or producing formation Depleted

If a producing well is abandoned, date of last production 19
Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well G. R. Biberstein
Producing formation Depth to top Bottom Total Depth of Well 4210 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	193	-0-
				5 1/2	3880	2951-191

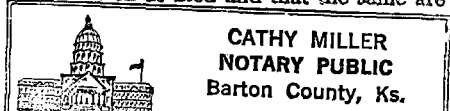
Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from feet to feet for each plug set.

Pushed a plug to 3625'. Dumped 25' of sand and 5 sacks cement. Shot casing at 2985'. Pulled a total of 94 joints of 5 1/2" casing. Squeezed well with 2 sacks hulls, 10 sacks gel and 100 sacks Poxmix.

RECEIVED
STATE CORPORATION COMMISSION
OCT 1 1974
16-1-74
CONSERVATION DIVISION
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Rockhold Engineering, Inc.
Address Box 698, Great Bend, Kas. 67530

STATE OF Kansas COUNTY OF Barton, ss.
James W. Rockhold (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.



Subscribed and Sworn to before me this

30th day of

(Signature) James W. Rockhold
Box 698, Gt. Bend, Ks. 67530 James W. Rockhold
(Address)

Sept. 1974
Cathy Miller
Cathy Miller
Notary Public.

My commission expires September 30, 1975

DRILLER'S LOG

COMPANY: Natural Gas and Oil Corporation

CONTRACTOR: Drilling Department of Natural Gas and Oil Corporation

FARM: Harrison #1 SE NE SE Section 13-24-14W
Stafford County, Kansas

COMMENCED: January 22, 1954 - Rotary
February 11, 1954 - Cardwell

COMPLETED: February 6, 1954 - Rotary
February 13, 1954 - Cardwell

ELEVATION: 1936 RB

0	to	15	Surface-clay
15	to	100	Sand
100	to	193	Shale and shells
193	to	222	Shale
222	to	310	Shale w/shells
310	to	830	Sand and red bed
830	to	849	Anhydrite
849	to	1275	Shale and shells
1275	to	1420	Salt and shale
1420	to	1520	Shale and shells
1520	to	1836	Shale and lime
1836	to	1950	Lime
1950	to	2040	Lime w/chert
2040	to	2120	Lime
2120	to	3517	Lime and shale
3517	to	3592	Shale
3592	to	3853	Lime
3853	to	3885	Shale w/lime
3885	to	3900	Lime and chert
3900	to	3934	Chert
3934	to	3995	Shale
3995	to	4005	Lime and chert
4005	to	4032	Viola
4032	to	4133	Lime and chert
4133	to	4168	Simpson shale
4168	to	4175	Simpson sand
4175	to	4189	Lime and shale
4189	to	4200	Shale
4200	to	4210	Arbuckle
		4210	T. D.

RECEIVED
STATE CORPORATION COMMISSION
APR 22 1974
CONSERVATION DIVISION
Wichita, Kansas

Set 193' of 8 5/8" 25# surface pipe. Cemented with 200 sacks cement and 4 sacks cal. chloride.

Set 5 1/2" 14# casing at 3880'. Cemented with 150 sacks cement.

TOPS:	Anhydrite	830	Lansing	3592	Kinderhook	3933
	Heebner	3431	Base K C	3853	Viola	4002
	Brown Lime	3564	Cherty Cong	3909	Simpson	4148
					Arbuckle	4200

DRILLSTEM TESTS:

- #1 - 3614-47, open 1 hr, rec 50' watery mud, 900# BHP.
- #2 - 3653-70, open 1 hr, gas in 17 min, rec. 420' oil, IFP 120#, FFP 220#, BHP 1250#.
- #3 @ 3702-41, open 15 min, shut in 20 min, gas to surface one min, gauged 1,630,000 CFG, recovered 10' mud, 420# IFP, 450# FFP, 1230# BHP.
- #4 - 3746-66, open 1 hr, shut in 20 min, gas to surface in 25 min, rec. 175' gassy oil 0# IFP, 25# FFP, 1250# BHP.
- #5 - 4201-10, open hr, rec 1455' sulphur water, 1230# BHP.

Ran Schlumberger and Lane-Wells Gamma Ray.

Drilled to 3847, Perf 12 shot 3831-35, tested 416 MCFG PD, 16 gal salt water and 2 gal very heavy black oil per hour for 6 hours, no change. Set Baker Model N plug at 3800, W/1½ sx calceal to 3790. Perf 12 shot 3764-68, bailed slight show oil. Perf 30 shots 3758-64, tested 2 gal water & show oil. Ran tubing to 3731.84 W/10' anchor, 3' perf. nipple, 10' bbl, 4', 4' and 8' tbgs set at 3770.80, 500 gal chemical process jelacid, 1700# max. pressure, went to vacuum. Flowed 39 BO in 5 hrs thru 30/63" choke, 800# Tbg. pressure, 925# casing pressure, last 2 hours 5 BOPH good flow gas, cannot measure until separator installed, no water, grav 31.9° @ 60°F. Flowed 72 BO in 15 hrs on 16/64 choke, 830# tubing pressure, 1060# casing pressure. Flowed 213 BO, no water, in 24 hours on 3/8" choke, 760# tubing pressure, 880# casing pressure. Flowed 88 BO, no water, in 12 hrs, thru 3/8" choke, 760# TP, 880# CP, Est gas 2,520,000. GOR 12,600.

March 3, 1954- State Potential flowed 412 barrels oil, no water-PD, thru 3/8' choke, 700# TP, 860# CP, gravity 31.9 @ 60°.

C E R T I F I C A T E

I, Harold A. Burt, do hereby certify that the above and foregoing is a true and correct copy of the log of the Harrison #1, SE NE SE Section 13-24S-14W, Stafford County, Kansas, as reflected by files of the Natural Gas and Oil Corporation.

Harold A. Burt
Harold A. Burt Regional Manager

Subscribed and sworn to before me, a Notary Public, within and for Sedgwick County, Kansas this 8th day of March, 1954.

Esther Unsell
Esther Unsell, Notary Public

My commission expires May 25, 1957.

RECEIVED
STATE CORPORATION COMMISSION
APR 22 1974
CONSERVATION DIVISION
Wichita, Kansas