

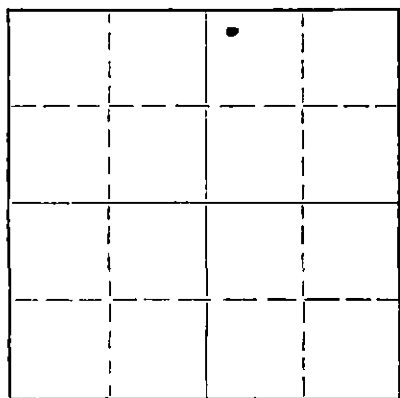
WELL PLUGGING RECORD

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

Stafford County, Sec. 21 Twp. 23 Rge. (E)14 (W)

Location as "NE/CNW/SW" or footage from lines NW NW NE
Lease Owner Atlantic Richfield Company
Lease Name Ward Beaver Tract 4 Well No. 1
Office Address 3535 N. W. 58th, Oklahoma City, Okla. 73112
Character of Well (completed as Oil, Gas or Dry Hole) salt water disposal
Date well completed 10-25 19 53
Application for plugging filed 12-8 19 69
Application for plugging approved 12-10 19 69
Plugging commenced 12-17 19 69
Plugging completed 12-17 19 69

NORTH



Locate well correctly on above Section Plat

Reason for abandonment of well or producing formation unable to economically recomplete

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 Herman Justus, Box 71, Nickerson, Kansas

Producing formation See attached log Depth to top Bottom Total Depth of Well 4405 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
See Drillers Log Attached						

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.

Spotted 20 sack plug of common cement thru tubing from 1300 feet to 1160 feet. Spotted mud from 1160 feet to 280 feet. Drove Halliburton wood plug to 280 feet. Spotted 20 sacks cement from 280 feet to 140 feet. Spotted mud from 140 feet to 55 feet. Drove Halliburton wood plug to 55 feet and capped with 10 sacks of cement.

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CONSERVATION DIVISION
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)

Name of Plugging Contractor Atlantic Richfield Company

Address Same as above

STATE OF Oklahoma, COUNTY OF Oklahoma, ss. G. V. Ricks

(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) G. V. Ricks

3535 N.W. 58th Street, Oklahoma City, Okla. 73112
(Address)

SUBSCRIBED AND SWORN to before me this 23rd day of December, 1969

My commission expires 11-14-72

Arlene B. Youngblood
Notary Public.

DRILLER'S LOG

15-185-00112-0001

COMPANY: Natural Gas and Oil Corporation.
 CONTRACTOR: Drilling Dept of Natural Gas & Oil Corp
 FARM: Birdsall No. 1, NW NW NE 21-23S-14W,
 SWDM Stafford County, Kansas
 COMMENCED: October 6, 1953 - Rotary
 October 21, 1953 - Cable
 COMPLETED: October 10, 1953 - Rotary
 October 25, 1953 - Cable
 ELEVATION: 1954 RB

0	to	232	Surface soil
232	to	330	Shale-shells
330	to	415	Sand-Dakota
415	to	860	Shale-shells
860	to	885	Anhydrite
885	to	1425	Shale-shells
1425	to	1570	Salt
1570	to	1750	Shale-shells
1750	to	2090	Lime and shale
2090	to	2180	Sandy lime
2180	to	2470	Lime and shale
2470	to	2515	Lime
2515	to	2820	Shale-shells
2820	to	3150	Lime and shale
3150	to	3412	Lime
3412	to	3417	Shale
3417	to	3546	Lime and shale
3546	to	3800	Lime
3800	to	3923	Lime-shale
3923	to	3931	Conglomerate
3931	to	3970	Chert lime
3970	to	3974	Viola
3974	to	3985	Lime and shale
3985	to	4023	Simpson sand
4023	to	4040	Arbuckle

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T. D. as drilled by Dozier Oil Company and plugged as a dry hole on February 1, 1953.
 Natural Gas & Oil Corporation went in and washed down hole to 4040 and drilled
 4040 to 4106 Lime
 4106 to 4145 Arbuckle Dolomite
 4145 to 4405 Arbuckle lime
 4405 T. D.

282' of 8 5/8" surface pipe set by Dozier Oil Company
 Set 4097 feet of 5 1/2" casing. Cemented with 1200 sacks cement

TOPS: (Picked by Dozier Oil Co)

Anhydrite	860	Kansas City	3558	Simpson	3970
Heebner	3412	Conglomerate	3908	Simpson sd	3980
Brown ls	3546	Viola	3918	Arbuckle	4023

DRILL STEM TESTS: (Taken by Dozier Oil Co)
 #1-3908-23, open 30 min, rec 10' mud, no BHP
 #2-3915-74, open 30 min, rec. 10' mud, no BHP.
 #3-3908-93, open 1 1/2 hr, rec 30' water, 15' slightly oil cut mud,
 180' gas, 130# BHP.

Go hole to plug at 4024, drilled plug and cement CO to bottom at 4405, 2000 GA, swabbed and bailed cleaning out acid water.
 No input test as yet.

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 on the Birdcall #1, NW NW NE Section 21-23S-14W, Stafford County, Kansas, as reflected by files of the Natural Gas and Oil Corporation.

Harold A. Burt
Harold A. Burt, Regional Mgr

Subscribed and sworn to before me, a Notary Public, within and for Sedgwick County, Kansas, this 13th day of November, 1953.

Esther Unsell
Esther Unsell, Notary Public

My commission expires May 25, 1957.

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