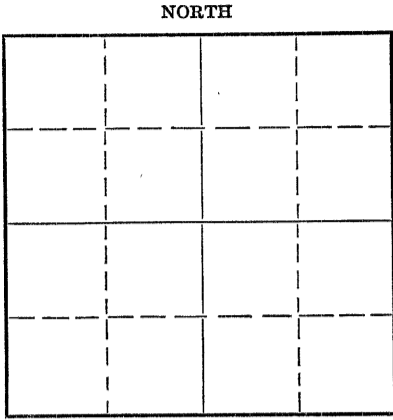


STATE OF KANSAS
STATE CORPORATION COMMISSION

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
800 Bitting Building
Wichita, Kansas

WELL PLUGGING RECORD



Locate well correctly on above
Section Flat

Graham County. Sec. 14 Twp. 9 Rge. (E) 21 (W)
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines 1650' F/S & 990' F/W
Lease Owner Continental Oil Co.
Lease Name A. Morel Well No. 4
Office Address Drawer 1267, Ponca City, Oklahoma
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed 9-12 19 44
Application for plugging filed 1-20 19 54
Application for plugging approved 19
Plugging commenced 2-3 19 54
Plugging completed 2-9 19 54
Reason for abandonment of well or producing formation decreased to non-commercial quantity.
If a producing well is abandoned, date of last production 3-5 19 53
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 Mr. Petty, Hays, Kansas
Producing formation Arbuckle Depth to top 3764 Bottom 3770 Total Depth of Well 3770 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
Arbuckle line	oil	3764	3770	10-3/4 6" 3/4	240' 3792'	None 1583'

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.

Inserted mud to within 240' of top of hole. Ran 10' of rock bridge and 20 sacks of cement. Mudded up to top and dumped 10 sacks cement for cap.

2/24/54

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

Name of Plugging Contractor West Supply Co.
Address Chase, Kansas

STATE OF Kansas, COUNTY OF Barton, ss.
F. L. Dunn (employee of owner) or (owner/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.

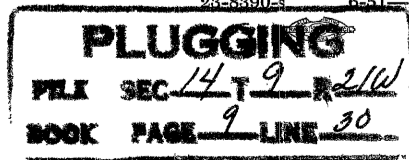
(Signature) *F. L. Dunn*
Box 161
Great Bend, Kansas (Address)

SUBSCRIBED AND SWORN TO before me this 10th day of February, 19 54

My commission expires August 25, 1956

Notary Public.

ARC-WKD
State Corp. Comm.
RFD
File



WELL LOG

A. MOREL WELL NO. 4

Date spudded: August 17, 1944
 Drlg. completed: Sept. 12, 1944
 Potential taken: Sept. 12, 1944

Loc: 990'S and 990'E of W/4
 corner of Sec. 14, T9S, R21W,
 Graham County, Kansas

<u>FROM</u>	<u>TO</u>	<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>FORMATION</u>
0	80	Sand & shale			
80	250	Sand & shells			
250	525	Shale & sand			
525	1035	Shale, lime & shells			
1035	1110	Shale & shells			
1110	1420	Sand & shale			
1420	1430	Sand			
1430	1715	Shale & shells			
1715	1780	Anhydrite			
1780	1830	Red bed & shale			
1830	2120	Shale & lime			
2120	2260	Shale & shells			
2260	2420	Lime & shale			
2420	2450	Broken lime			
2450	2550	Shale & shells			
2550	2565	Lime			
2565	2760	Lime & shale			
2760	2855	Broken lime			
2855	2965	Lime			
2965	3060	Broken lime			
3060	3085	Lime			
3085	3250	Broken lime			
3250	3723	Lime			
3723	3746	Chert			
3746	3757	Sandy dolomite			
3757	3771	Lime			

Elevation 2368'

Casing record: 10 3/4" at 240' with 240 sacks - Halliburton
 6" at 3765' with 300 sacks - Halliburton

Contractor: Parker Drilling Company
 418 National Bank of Tulsa Building
 Tulsa, Oklahoma

Handwritten mark

PLUGGING
 P&K SEC 14 T 9 R 21W
 BOOK PAGE 9 LINE 30

RECEIVED
 DIVISION
 DIVISION

NEW WELL COMPLETION AND/OR ABANDONMENT RECORD

A. F. E. No.

1 Dist. West Kansas Field Morel Lease A. Morel Well No. 4
 2 Co. Graham State Kansas Contractor West Supply Co. T.D. 3770 P.D. --- ft.
 3 Landing Flange Elev. --- ft. Depth Measured From DF 2268; Height of Measuring Point from Landing Flange --- ft.
 4 Date: Started 2-3-54 Began Completed 2-9-54 Tested --- Rig Released ---

CASING, LINER AND TUBING RECORD

SIZE O. D. IN.	WT. LB./FT.	THREADS NO. & TYPE	GRADE AND MAKE	NEW OR S. H.	E. L. L. W. SMLS.	DEPTH SET FT.	MEASUREMENTS INC. THREADS			TOP OF LINER	NO. OF JOINTS	HOLE SIZE
							QUANTITY SET	QUANTITY PULLED	QUANTITY LEFT IN HOLE			
10 3/4	29	--	Araco	N	SW	240	240*	None	240*	--	6	13 3/8
6	18	8R	R-40	N	EW	3765	3791*8"	1583*5"	2208*3"	--	124	8 3/4

CEMENTING RECORD

METHOD	MAKE AND TYPE CEMENT	SACKS USED	SQUEEZED AWAY	NO. OF BATCHES	FINAL PRESSURE	SLURRY WT. LB./GAL.	HOURS SET	DEPTH		REMARKS: TEMP. CALIPER, OTHER LOGS
								FROM	TO	

ACIDIZATION AND SHOT RECORD

DATE	PRODUCTION OR P. I.		HOW TEST MADE	GAL. ACID	SHOT QTS.	DEPTH		NAME OF ZONE	TYPE FORMATION	REMARKS
	BEFORE	AFTER				FROM	TO			

SECTION PERFORATED

NAME OF PAY	DEPTH		SIZE OF HOLE	HOLES PER FOOT	DATE	SERVICE CO. OR TYPE SLOTS	REMARKS
	FROM	TO					

PRODUCING EQUIPMENT

29 RODS: Number --- Size --- in., Number --- Size --- in., Total Singles --- Length --- ft.
 30 PUMP: Size --- Plunger Diam. --- Make --- Type ---
 31 PUMPING UNIT: Make --- Type --- Stroke --- in. @ --- SPM; Beam Capacity --- lb.
 32 Torque @ 20 SPM --- in. lbs.; Gear Box --- H.P., Prime Mover Make ---
 33 H.P. --- @ --- RPM. Other Remarks ---
 34 GAS ANCHOR ---
 35 OTHER LIFT EQUIPMENT ---
 37 PACKER: Set at --- ft. Make --- { ALSO SEE SKETCH }
 { ON REVERSE SIDE }

PRODUCING STRATA

NAME	TOP	BASE	POROSITY %	PERM. MD.	NET THICKNESS FT.	REMARKS: STATE CONTENTS OF ALL PRODUCING STRATA, O. G. & W. GIVING FLUID CONTACTS, D. S. T., ETC.
Arbuckle	3764	3770*			6	Depleted

REMARKS: Well shut down in March 1953. Prior to being shut down, well pumped no oil and 100 bbls. water in 24 hours. Moved in casing pulling machine and recovered 52 joints, 1583.39' of 6" 18# casing. P&A 2-9-54.

Material left in hole junked on M.F. 91328.

Located: 1650' from the South and 990' from the West lines of Sec. 14, T9S, R21W. Graham County, Kansas

56 Estimate Total Cost \$ 810.44 Conoco Interest 63.158 Operated by Continental Oil Company
 57 Potential --- b/d/Mcf/d --- @ --- #TP and #CP on --- Hr. Test Meas. Est. Allowable --- b/d.
 58 Other Production or Well Test Results ---

60 Signed [Signature] District Superintendent
 61 Signed [Signature] Original Signed Division Superintendent
 62 Signed By R. F. DARROW Region Manager
 63 Signed [Signature] District Engineer
 64 Prepared by A. R. Colpitt Date 8-20-54

DISTRIBUTED TO
 Mgr. P. & D. ENW Acc'tg. EHL
 Region RDD District FLD
 Others LEP
State Corp. Comm.