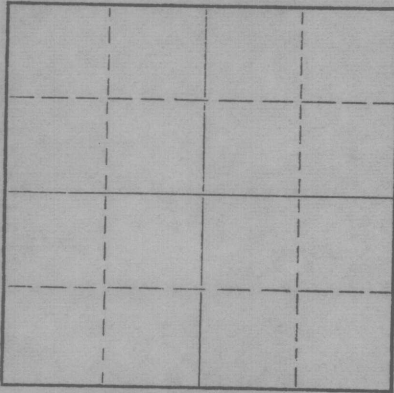


WELL PLUGGING RECORD

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

NORTH



Locate well correctly on above
Section Plat

Graham County, Sec. 29 Twp. 9 Rge. 21 (E) W (W)

Location as "NE/CNW/SW" or footage from lines CN2 N2 SW 1/4

Lease Owner The Shallow Water Refining Co.

Lease Name Harrold Well No. 12

Office Address 542 Petroleum Bldg., Wichita, Kansas

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

Date well completed July 8, 19 57

Application for plugging filed July 12, 19 63

Application for plugging approved July 15, 19 63

Plugging commenced July 27, 19 63

Plugging completed July 27, 19 63

Reason for abandonment of well or producing formation Non-Commercial

If a producing well is abandoned, date of last production Feb. 28, 19 63

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 W. L. Nichols

Producing formation Arbuckle Depth to top 3885 Bottom 3890 Total Depth of Well 3890 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	Oil	3885	3890	8 5/8	181	None
				5 1/2	3885	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.

Dumped 40' sand from 3890 to 3850
Bailor dumped 5 sacks cement from 3850 to 3820
Set 20' mud plug on top of wood bridge at 1100' and dumped 6 sacks cement to 1064'
Set Rubber plug at 230' with 15' mud and 20 sacks cement. Mudded to 30' of top and filled to top with 5 sacks cement. Filled annulus between 5 1/2 and 8 5/8 with cement.

Braden Head removed and pipe cut off to 48" below surface.

RECEIVED
STATE CORPORATION COMMISSION
7/30/63
JUL 30 1963

CONSERVATION DIVISION
Wichita, Kansas

Name of Plugging Contractor Plugged by Owner. (If additional description is necessary, use BACK of this sheet)

Address _____

STATE OF Kansas, COUNTY OF Sedgwick, ss.

Ben K. Kelly

(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) Ben K. Kelly

542 Petroleum Bldg, Wichita, Kansas

(Address)

SUBSCRIBED AND SWORN TO before me this 29th day of July, 19 63

Marilyn F. Grove
Marilyn F. Grove Notary Public.

My commission expires July 5, 1966

INVOICED

DATE 7/30/63

INV. NO. 7500-w

CONTRACTOR'S WELL LOG

DRILLER C-G Drilling Co.
 LOCATION S 1/2 E 1/2 SW 1/4 29-9-21W
 COUNTY Graham
 COMMENCEMENT DATE June 25, 1957

Well NAME Herrford #2
 RIG NO. 1
 STATE KANSAS
 COMPLETION DATE July 3, 1957

LOG OF WELL

Elevation 2329' rotary bushing.
 All measurements taken from the top of rotary bushing.

FROM	TO	FORMATION	DEVIATION FROM VERTICAL	REMARKS
0	181	Surface Soil		
181	920	Sand-Shale		
920	1550	Shale-Sand		
1550	1805	Red Bed		
1805	1842	Anhydrite		
1842	2120	Shale		
2120	2310	Line-Shale		
2310	2510	Line-Shale	0° - 2500	
2510	2840	Line-Shale	0° - 2750	
2840	2955	Line-Shale		
2955	3065	Line-Shale	0° - 3000	
3065	3200	Line-Shale		
3200	3390	Line-Shale	0° - 3250	
3390	3480	Line-Shale		
3480	3600	Line-Shale	0° - 3500	
3600	3713	Line-Shale		
3713	3800	Line	0° - 3750	
3800	3842	Line-Shale		
3842	3879	Line-Chert		
3879	3890	Line-Shale		

RECEIVED
 STATE CORPORATION COMMISSION

JUL 15 1957

CONSERVATION
 Wichita, Kansas

DIST 3085-3090

CASING LEFT IN HOLE AFTER COMPLETION

Run 151' (9 jts.) 8-5/8" OD Surface Casing.
 Set 3885' (120 jts.) 5-1/2" OD Casing.

STATE OF KANSAS }
 COUNTY OF SEDGWICK } ss.

The undersigned hereby certifies that to the best of his knowledge and belief, the above facts are true and correct.

C-G DRILLING CO.

By J. F. Galloway

Subscribed and sworn to before me this 30th day of July, 1957

Wicky Jacobs, Notary Public

My commission expires:
 Dec 20, 1958