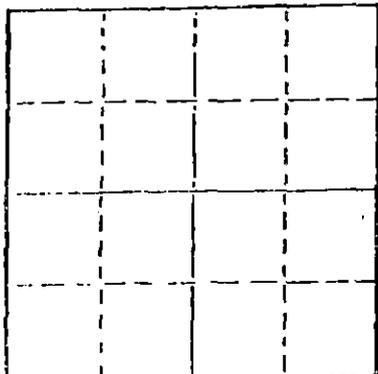


STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to
Conservation Division
State Corporation Comm.
245 North Water
Wichita, KS 67202

Barton County, Sec. 24 Twp. 16 Rge. 12 E/W
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines _____
SE SE SE
Lease Owner National Cooperative Refinery Adsn.
Lease Name Dolechek #1 Well No. _____
Office Address Great Bend, Kansas 67530
Character of Well (Completed as Oil, Gas or Dry Hole) _____



Locate well correctly on above
Section Plat

Date Well completed _____ 19____
Application for plugging filed _____ 19____
Application for plugging approved _____ 19____
Plugging commenced 8/19/77 _____ 19____
Plugging completed 8/25/77 _____ 19____
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 Rankin
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 3373
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION RECEIVED	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
STATE CORPORATION COMMISSION				10-3/4	772	68'
				5 1/2"	3353	3029'
AUG 31 1977	8-31-77					
CONSERVATION DIVISION						

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 hold. If cement or other
plugs were used, state the character of same and depth placed, from _____ feet to
_____ feet for each plug set.

Sanded to 3330' and ran 5 sacks cement. Shot pipe at 3100', 3005', pulled 95 joints.
Rigged up on 10-3/4 and parted pipe, pulled 4 joints. Spotted 3 sacks hulls at 800'
thru tubing, pulled 1 joint, spotted 75 sacks of cement at 770', pulled 1 joint, circulated
25 sacks gel at 740', pulled tubing to 300' and circulated hole with 375 sacks cement to
base of cellar.

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

Name of Plugging Contractor KESLO CASING PULLING
CHASE, KANSAS

STATE OF KANSAS COUNTY OF RICE, ss.
R. DARRELL KESLO (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) R. Darrell Keslo
CHASE, KANSAS
(Address)

SUBSCRIBED AND SWORN TO before me this 29th day of August, 19 77

My commission expires _____



Margaret Melcher
Notary Public.

ENCLOSED

15-009-03364-00-00

ORIGINAL

APR 4 1946

BLACK-MARSHALL OIL COMPANY

24-16-12W
SESESE

#1 Dolechek 24-16S-12W Barton County, Kansas
(SE SE SE)

Commenced Rigging up	1-29-42	12 3/4"	355'
Completed Rigging up	2-2-42	10" 778'	8"
Commenced Drilling	2-2-42	8"	2461'
Completed Drilling	8-18-42	7"	3215
		5"	3385

W 1926

13680

Top of 136 1/2 h

Cellar	0	10		Red Rock	1905	1910
Post Rock	10	15		Lime	1910	1945
Yellow Clay	15	40		Shale	1945	1950
Blue Shale	40	115		Lime	1950	1960
Dark Shale	115	165		Red & Blue Sh	1960	1970
Gray Shale	165	175		Lime	1970	1985
Sand	175	200	2 B.W. 175-200'	Red Rock	1985	1990
Red Rock	200	210		Lime	1990	2000
Shale and R.R.	210	240		Red Rock	2000	2010
Sand	240	250	2B.W. 240-250'	Lime	2010	2020
Red Rock	250	255		Shale & Shells	2020	2045
R.R. Sandy	255	265	4 B.W. 255-265	Lime	2045	2080
Blue Shale	265	275		Red Rock	2080	2090
Red Shale	275	300		Lime	2090	2120
Blue Shale	300	310		Shale	2120	2130
Sand	310	320		Shale & Shells	2130	2160
Red Rock	320	355		Shale Gray	2160	2175
Shale	355	370		Red Rock	2175	2185
Shale Blue	370	385		Shale & Shells	2185	2220
Sand Gray	385	440	H.F.W. 385'	Lime Broken	2220	2235
Sand	440	480		Lime	2235	2240
Shale	480	480		Shale & Shells	2240	2285
Blue Shale	480	580		Shale	2285	2380
Red Rock	550	580		Shale	2380	2390
Red Shale	590	640		Lime	2390	2400
Red Rock	640	765		Sandy Shale	2300	2420
Red Chalk	765	770		Shale	2420	2475
Anhydrite	770	775		1 B.W. 2400 ----	2440'	
Anhy. Lime	775	795		Shale	2475	2485
Blue Shale	795	800		Lime	2485	2490
Red Rock	800	955		Shale	2490	2530
Red Rock	955	985		Lime	2530	2555
Shale Blue	985	1050		Shale	2555	2565
Red Rock	1050	1095		Shale Blue	2565	2570
Blue Shale	1095	1165		Lime	2570	2580
Gyp and Salt	1165	1175		Lime & Shells	2580	2600
Salt	1175	1485		Shale & Shells	2600	2650
Shale	1455	1480		Shale	2650	2660
Salt	1480	1500		Lime Broken	2660	2690
Shale	1500	1520		Shale	2690	2700
Lime	1520	1535		Lime	2700	2735
Blue and Red Sh.	1535	1540		Shale	2735	2740
Lime	1540	1560		Lime	2740	2750
Shale	1580	1570		Shale	2750	2755
Lime	1570	1590		Lime	2755	2830
Shale	1590	1595				
Lime	1595	1600		1/2 B.W. 2775'		
Shale and Shells	1600	1640		Lime & Shale	2830	2840
Lime	1640	1655		(2 B. W. 2830')		
Shale and Shells	1655	1690		Lime	2840	2855
Lime	1690	1715		Shale	2855	2880
Shale	1715	1720		Lime	2860	2895
Lime	1720	1725		Shale	2895	2900
Red Rock	1725	1730		Lime	2900	2995
Red Rock	1730	1735		Shale	2995	3000
Lime Brkn.	1735	1775		Lime	3000	3015
Lime	1775	1820	1 B.W. 1800'	Red Rock	3015	3025
Lime	1820	1840		Blue Shale	3025	3060
Lime Sandy	1840	1860		Shale	3060	3080
Lime	1860	1885		Lime	3080	3155 S.O. 3110'
Shale	1865	1880		Lime	3155	3190
2 B. W. 1840-80'				Shale	3190	3200
Lime	1880	1890		Lime	3200	3235
Shale	1890	1905		Red Rock	3235	3240
				Lime	3240	3295
				Shale	3295	3298

RECEIVED
JUN 29 1977
COMMERCIAL DIVISION
WICHITA, KANSAS

BLACK-MARSHALL OIL COMPANY

#1 Dolechek 24-16S-12W. Barton County, Kansas

Page #2 Continued

*Temp. Pat 136 lbs
per day*

Line	3298	3347	
Shale	3347	3350	
Lime	3350	3380	
Cong.	3360	3364	First Oil 3364'
Sand	3364	3376	
		3380	= 3378' corrected

CORRECTION SYPHO MEASUREMENTS

Topeka	2740'	Minus	814'
Topeka Corrected	2730'	Minus	804'
Lansing K. C.	3095'	Minus	1169'
Lansing K.C. Corrected	3080'	Minus	1168'
Conglomerate	3380'	Minus	1434'
Conglomerate Corrected	3349'	Minus	1423'
Gorham Sand	3364'	Minus	1438'
Gorham Sand Corr- ected	3352'	Minus	1427'
Total Depth	3384'	Minus	1468
Total Depth Corrected	3373'	Minus	1447'

*3.3.8
JUN 29 1977
Commissioner
Tulsa, Kansas*

This well had a very small show of oil in the top of the Lansing Kansas City at 3110' (3099(corrected). Porous Oolite lime at 3195-3205 (corrected 3184-3194) with no showing of oil. On encountering the conglomerate at 3360' (3349(corrected) and drilling to 3364 (3353' corrected) sooy sand was encountered. The well started to fill with oil and upon deepening to 3376' the hole filled at the rate of 2 barrels oil per hour. Casing was cemented at 3366' and upon drilling the plug oil filled 500' feet in first half hour. On deepening the 3384feet (3373' corrected) the formation became tight and samples showed quartzite sand with some mica. The corrections based on 11 foot correction at bottom after running Sypho straight hole tests. The well had a static fluid level of 2400 feet. No water being present, on completing the drilling to total depth of 3373 feet corrected.

BLACK-MARSHALL OIL COMPANY

BY Frances Coffey - Secy. and Treas.
(Assistant)

STATE Kansas)
) SS
COUNTY Sedgwick)

I hereby certify that the above is a true and correct record of the formations penetrated in the drilling of the Dolechek #1 well located in the SE SE SE of Section 24-16S-12W, Barton County, Kansas

Frances Coffey

Subscribed and sworn to before me this ___ day of March, 1942.

Notary Public

My commission expires _____