15-009-15786-00-00

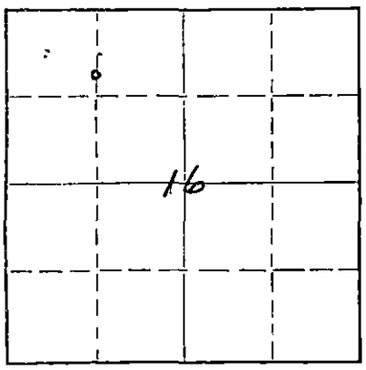
STATE OF KANSAS
STATE CORPORATION COMMISSION

Form CP-4

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

WELL PLUGGING RECORD

NORTH



Locate well correctly on above Section Plat

Barton County. Sec. 16 Twp. 16S Rge. XXX 12 (W)
Location as "NE/CNW¼SW¼" or footage from lines C S/2 N/2 NW/4
Lease Owner Sunray DX Oil Company
Lease Name Kultgen Well No. 4
Office Address P. O. Box 729, Great Bend, Kansas 67530
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed 10-21 19 36
Application for plugging filed 5- 2 19 68
Application for plugging approved 5- 3 19 68
Plugging commenced 5-14 19 68
Plugging completed 5-14 19 68
Reason for abandonment of well or producing formation Reached economical limit

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 Don Truan
Producing formation Gorham Depth to top 3386 Bottom 3417 Total Depth of Well 3417 Feet
Show depth and thickness of all water, oil and gas formations.

OIL, CAS OR WATER RECORDS — CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
Sand	Water	295	375	15½"	365	None
Lime & Shale	Oil & Water	390	3363	7"	3357	None
Lime & Sand	Oil & Water	3370	3417	5½"	3386	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.

Ran 3415' of 2" tbg. Mixed 110 bbls mud in pit. Mixed & pumped 32 sx. 50-50 Pozmix. Displaced w/12 bbls mud from 3417' - 3217'. Raised tbg to 3215'. Pumped 93 bbls mud. Spotted 3215' - 500'. Pulled tbg & left 497' hanging in hole. Mixed & pumped 72 sx. cmt. & displaced w/ 2 bbls mud. Spotted from 497' to surface. Pulled rest of 2" tbg. Tied on to annulus between 7" csg. & 15½". Mixed & pumped 300 sx. 50-50 Pozmix w/6% gel. at 200 sx. mixed started rec. circ. of wtr. behind 15½" csg. At 290 sx. mixed, started rec. some cmt. returns behind 15½" csg. Stopped pmpg. Filled 7" csg. to 12' from surface. Welded baffle plate on top.

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MAY 27 1968
CONSERVATION DIVISION
Wichita, Kansas

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

Name of Plugging Contractor Sunray DX Oil Company
Address P. O. Box 729, Great Bend, Kansas 67530

STATE OF KANSAS, COUNTY OF BARTON, ss.
R. V. Foulke (employee of owner) or XXXXXXXXXXXX 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. V. Foulke

P. O. Box 729, Great Bend, Kansas 67530
(Address)

SUBSCRIBED AND SWORN TO before me this 24th day of May, 19 68

Peggy L. Olivan

My commission expires January 12, 1970 Peggy L. Olivan Notary Public.

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bank Bldg, Wichita, Kansas.

DARBY PETROLEUM CORP.
Kultgen No. 4

SEC. 16 T. 16 R. 12W.
CSL $N\frac{1}{2}$ NW

15-009-15786-00-00

Total Depth. 3417
Comm. 8-26-36 Comp. 10-21-36
Shot or Treated.
Contractor.
Issued. 12-5-36

County Barton.

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CASING.

15½"	359'	8"	2547'
13"	817'	6"	3357
10"	2122'	5" liner	3385' (44.66' 5 3/16" btm. 3' slotted, shoe on bottom end)

Elevation. 1907

Production. Pot. 235 B.
67 B.W.

Figures Indicate Bottom of Formations.

cellar	10	lime	2005	shale	3020
soil	12	shale	2010	lime	3035
clay	30	red rock	2015	red rock	3069
shale	200	lime	2025	lime show oil 3055	3071
shale brown	245	shale	2035	shale	3080
shale	285	red rock	2045	lime	3085
broken sand ½ BW	295	broken lime	2060	shale	3093
shale	312	lime	2080	lime - Lansing	3098
sand HFW	320	shale	2102	shale	3104
shale	370	shale red	2122	lime	3260
sand ½ BW 370-75	375	lime	2180	1½BW 3210	
shale	390	shale	2190	shale	3270
sand HFW	455	red rock	2200	show oil 3255-60	
shale blk	470	lime	2215	lime	3300
broken sand	480	shale	2220	shale	3312
shale	525	lime	2225	lime	3326
shale red	814	shale blk	2230	shale	3328
gypsum	817	lime	2275	lime	3337
anhydrite	840	shale	2285	lime and shale	3340
red rock	1035	lime	2315	lime	3353
shale	1085	shale	2325	red rock	3354 (-1447)
shale red	1130	broken lime	2340	lime show oil	3363 (-1456)
shale	1205	shale	2360	conglomerate	3370 (-1463)
lime	1215	lime	2388	cherty conglomerate	3385 (-1478)
shale	1245	shale	2400	show oil 3385	
salt	1495	lime	2417	lime	3386 (-1479)
shale	1505	shale	2427	sand	3404 (-1497)
broken lime	1525	lime	2435	750' oil 30 Min.	
red rock	1530	shale	2480	Pump 107 oil 4½ hours.	
broken lime	1555	lime	2485	and 46 bbls wtr.	
shale	1570	lime	2503	Potential 235 bbls oil	
lime and shale	1580	shale	2508	and 67 bbls water 24 Hr.	
lime	1620	lime	2515	Deepened.	
shale	1625	shale	2540	sdy lime	3411 (-1504)
lime	1630	lime	2555	sand	3417 (-1510)
red rock	1635	shale	2565	Total Depth.	
lime	1675	lime	2580		
shale	1685	shale	2595	show free oil 3415-17 (-1508-10)	
lime	1724	lime	2600	Pumping 4 bbls oil & 2 Wtr.	
shale	1740	shale	2615	per hr.	
red rock	1755	lime	2625		
lime	1785	shale	2637		
shale	1795	lime	2643		
lime	1860	shale	2678		
shale and lime shells	1865	lime	2690		
lime 2 BW 1880-85	1890	shale	2695		
shale	1905	lime	2700		
lime	1930	shale	2715		
shale	1940	lime ½BW 2800	2865		
lime	1960	shale	2875		
shale	1970	lime	2900		
lime	1975	shale	2905		
shale	1985	lime	3008		

Geological Tops:
Lansing - 3093
Gorham - 3411 (1504)
TD 3417
Pen: C

3411
1907
-1504