

15-039-20610-00-00

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

Decatur County. Sec. 1 Twp. 1S Rge. 26 NE/W
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines
E/2 SW NW

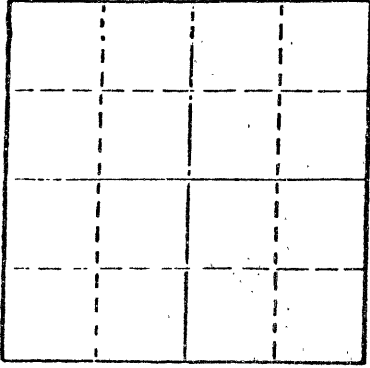
Lease Owner Advantage Resources
Lease Name Huff Well No. 5-1
Office Address 1940 Colorado State Bank Bldg., Denver, Co
Character of Well (Completed as Oil, Gas or Dry Hole) 80202
Dry Hole

Date Well completed 10-13-81 19
Application for plugging filed 10-13-81 19
Application for plugging approved 10-13-81 19
Plugging commenced 10-13-81 19
Plugging completed 10-13-81 19
Reason for abandonment of well or producing formation
Dry Hole

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 Carl Goodrow
Producing formation Depth to top Bottom Total Depth of Well 3675
Show depth and thickness of all water, oil and gas formations.



Locate well correctly on above Section Plat

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
surface				8-5/8	244	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 hold. If cement or other plugs were used, state the character of same and depth placed, from feet to feet for each plug set.

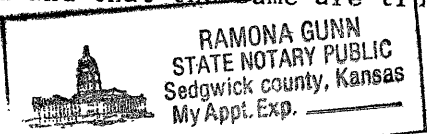
- 1st plug @ 900' w/70 sx
- 2nd plug @ 260' w/30 sx
- 3rd plug @ 40' w/10 sx
- 5 sx in rat hole

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

Name of Plugging Contractor Murfin Drilling Co.

STATE OF Kansas COUNTY OF Sedgwick, ss.

David L. Murfin, Drlg. Mgr. (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) David L. Murfin, 617 Union Center Bldg., Wichita (Address) KS 67202

SUBSCRIBED AND SWORN TO before me this 2nd day of November, 19 81

My commission expires Jan. 25, 1984 Ramona Gunn Notary Public.

Rec'd. 11-5-81. REC

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RECEIVED
STATE CORPORATION COMMISSION

OCT 26 1981

CONSERVATION DIVISION
Wichita, Kansas

GEOLOGICAL REPORT

5-1 Huff
E/2 SW NW Sec. 1 - T1S-R26W
Decatur County, Kansas

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General Data

OPERATOR: Advantage Resources, Inc.
CONTRACTOR: Murfin Drilling Company, Rig No. 7
ELEVATION: 2506 GR; 2511 KB
FOOTAGE: 990' fw1, 1980' fn1, Section 1 - T1S-R26W
SPUD: October 7, 1981
CEASE DRILLING: October 13, 1981
TOTAL DEPTH: 3675 Driller; 3674 Loggers
FORMATION AT T.D.: Precambrian Granite
DRILLSTEM TESTS: Four (4) by Cheney Testing
CORES: None
LOGS: Gamma Ray - Guard by Petro-Log
CASING: 5 5/8" @ 244 feet with 200 sx 60/40 poz, 3% Gel
STATUS: Plugged and Abandoned

Chronological Record

10- 7-81 Spud and set surface casing
10- 8-81 TD 295', drilling
10- 9-81 TD 1825', drilling
10-10-81 TD 2810', drilling
10-11-81 TD 3390', TIH with DST No. 1
10-12-81 TD 3435', drilling
10-13-81 TD 3535', on bottom with DST No. 4
10-14-81 Rig down rotary tools. Set plugs as follows:
70 sx @ 900 feet
30 sx @ 260 feet
10 sx @ 40 feet
5 sx in Rathole

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Bit Record

<u>Bit</u>	<u>Size</u>	<u>Type</u>	<u>Footage</u>	<u>Hours</u>
1A	12 1/4	SJ3	243	1 1/2
1	7 7/8	S3SJ	1435	18 3/4
2	7 7/8	OSC3J	1103	16 1/2
3	7 7/8	DTJ	226	8 1/2
4	7 7/8	OSC3J	547	16 1/2
5	7 7/8	S3J	120	4 3/4
TOTAL:			3675 feet	66 1/2 hours

Sample Description

Topeka: Limestone, snow-white, microcrystalline, dense, no visible porosity, no shows of oil, becomes tan toward base.

Deer Creek: Limestone, tan dense, microcrystalline, dense, no shows of oil.

Oread: Limestone, white/tan, dense, chalky, very rare fossil fragments, no shows of oil.

Heebner: Shale, black, soft, occasional limey inclusion.

Lansing "A": Limestone, white, microcrystalline to very fine crystalline, fair pin-point porosity at top, traces of live oil show, mostly porosity with no show, probably wet.

Lansing "B": Limestone, white, fine to medium crystalline, good visible porosity and live oil stain, white microcrystalline, chalky at base.

Lansing "C": Limestone, white, microcrystalline and chalky for the most part, very rare piece of medium crystalline with fair porosity and oil stain (may be "B" cavings), no shows of oil in the majority.

Lansing "D": Limestone, white, fine to medium crystalline, fair crystalline porosity with spotty oil shows, grades to dense lime at base.

Lansing "E": Limestone, tan, fossiliferous, fair moldic porosity, with slight show of free oil.

Lansing "F": Limestone, white, microcrystalline, trace of fair pinpoint porosity, and slight shows of free oil.

Lansing "G": Limestone, white, microcrystalline, no visible porosity, no shows of oil.

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Base of Kansas City: Gray, cherty limestone.

Marmaton: Limestone, white to gray, dense, cherty in part, no visible porosity, no oil shows.

Cherokee Sand Zone: Interbedded red shale and fine grained gilsontic sandstone. No shows of live oil.

Granite Wash: Mostly weathered granite with occasional chip of white glauconitic dolomite and rare loose quartz sand grains.

Granite: "Fresh" pink granite.

Formation Tops

<u>Formation</u>	<u>Sample (Datum)</u>	<u>Log (Datum)</u>
Anhydrite	2000 (+511)	2001 (+510)
Base Anhydrite	2027 (+484)	2027 (+484)
Topeka	3177 (-666)	3171 (-660)
Deer Creek	3240 (-729)	3241 (-730)
Oread	3281 (-767)	3280 (-769)
Heebner	3296 (-785)	3294 (-783)
Lansing A	3330 (-819)	3331 (-820)
" B	3377 (-866)	3376 (-865)
" C	3416 (-905)	3415 (-904)
" D	3449 (-938)	3449 (-938)
" E	3491 (-980)	3492 (-981)
" F	3515 (-1004)	3516 (-1005)
" G	3536 (-1025)	3537 (-1026)
Base Kansas City	3565 (-1054)	3570 (-1059)
Marmaton	3587 (-1076)	3585 (-1074)
Cherokee Sand Zone	3616 (-1105)	3624 (-1113)
Granite "Wash"	3650 (-1139)	3652 (-1141)
Granite	3668 (-1157)	3652 (-1156)
Total Depth	3675	3674

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Drillstem Tests

- DST No. 1: 3371-90 (B Zone)
 30" - 60" - 30" - 120"
 Weak blow, died in 22 minutes, no blow on final open.
 Recovered: No fluid.
 Pressures: Malfunction.
Misrun
- DST No. 2: 3371-90 (B Zone)
 30" - 60" - 30" - 120"
 Weak blow, died in 22 minutes, no blow on final open.
 Recovered 10 feet of mud. No shows.
 FP 40-40; 40-40
 SIP 1135-1135
 HP 1794-1786
- DST No. 3: 3433-75 (D Zone)
 15" - 60" - 15" - 120"
 Weak blow, died in 15 minutes, no blow on final open.
 Recovery: 60 feet of watery mud, no shows.
 FP: 100-100; 100-100
 SIP: 599-567
 HP: 1730-1730
- DST No. 4: 3465-3535 (E & F Zones)
 30" - 60" - 60" - 120"
 Strong blow on both opens.
 Recovery: 1650 feet of salt water (resistivity 0.068 OHMS @ 98° F)
 FP: 450-648; 718-767
 SIP: 797-827
 HP: 1691-1691

Log Calculations

<u>Zone</u>	<u>Depth</u>	<u>Porosity (%)</u>	<u>Rt</u>	<u>Rw</u>	<u>Sw (%)</u>
Lansing 'A'	3334-36	20	2	0.07	94
"	3336-38	12.5	25	"	42
"	3338-40	11	10	"	76
"	3344-46	11	19	"	55
Lansing 'B'	3376-78	19	35	"	23
"	3378-80	18	7	"	56
"	3380-82	16	16	"	41
Lansing 'D'	3358-60	7	37	"	62
Lansing 'F'	3516-18	9	25	"	59

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Recommendations

The low structural position and negative drillstem test recoveries indicated this well to be a dry hole. Log calculations are slightly positive in the 'B' Zone, but the zone is thin and DST No. 2 indicates no reservoir. Therefore it was recommended that the well be plugged.

Ric Morgan

Ric Morgan
Wellsite Geologist

Distribution

Well File (1)
Samuel Gary Oil Producer (2)
Petro-Mining Resources, Inc. (1)
Kansas Corporation Commission (2)
Bill Seller (1)

WELL LOG

COMPANY Advantage Resources, Inc.

SEC. 1 T. 1S R. 26W
LOC. E/2 SW NW

FARM Huff NO. 5-1

RIG. NO. 7

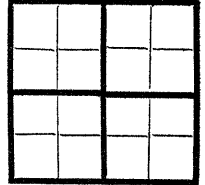
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TOTAL DEPTH 3675'

COUNTY Decatur
KANSAS

COMM. 10-7-81

COMP. 10-13-81



CONTRACTOR Murfin Drilling Co.

CASING

20	10	
15		8-5/8" @ 244 w/ 200 sx 60-40 Poz, 3% CC
12		6
13		5

ELEVATION

PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

Clay & Sand	200
Shale	245
Sand & Shale	295
Shale	1000
Snad & Shale	2000
Anhydrite	2027
Snad & Shale	3435
Shale & Lime	3475
Sand & Shale	3535
Shale & Lime	3675

RTD

RECEIVED
 STATE CORPORATION COMMISSION
 NOV 5 1981
 CONSERVATION DIVISION
 Wichita, Kansas

State of Kansas
 County of Sedgwick } ss:

I, David L. Murfin, Drlg. Mgr. of the Murfin Drilling Company

upon oath state that the above and foregoing is a true and correct copy of the log of the Huff #5-1 well.

RAMONA GUNN
 STATE NOTARY PUBLIC
 Sedgwick county, Kansas
 My Appt. Exp. _____

David L. Murfin

Subscribed and sworn to before me this 2nd day of Nov. 19 81

My Commission Expires: Jan. 25, 1984

Ramona Gunn NOTARY PUBLIC