

STATE OF KANSAS  
STATE CORPORATION COMMISSION  
200 Colorado Derby Bldg.  
Wichita, Kansas 67202

SEP 10 1982

CONSERVATION DIVISION  
Wichita, Kansas

WELL PLUGGING RECORD

Give All Information Completely  
Make Required Affidavit

COUNTY Kingman SEC. 29 TWP. 30 S RGE. 7 W E/W  
Location as in quarters or footage from lines:  
NE NW NW


Lease Owner McCoy Petroleum Company  
 Lease Name Mathes Well No. #1  
 Office Address One Main Place - Suite 410 - Wichita, KS 67202  
 Character of Well (Completed as Oil, Gas or Dry Hole): Oil  
 Date Well Completed 9-05-81  
 Application for plugging filed 8-28-82  
 Plugging commenced 8-28-82  
 Plugging completed 9-02-82  
 Reason for abandonment of well or producing formation Dry

Locate Well  
correctly on above  
Section Platt.

Was permission obtained from the Conservation Division or it's  
Agent's before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well M. V. Leslie

Producing formation \_\_\_\_\_ Depth to top \_\_\_\_\_ bottom \_\_\_\_\_ T.D. 4,382

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
				8 5/8	241	None
				4 1/2	4367	3700

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.

Sand From 4m382 to 4,330  
4 sacks cement from 4,330- to 4,300  
Dowell pumped in 15 sacks jell - 6 hull - 10 jell  
150 sacks common cement - 3% C. C.

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

Name of Plugging Contractor Clarke Corporation

STATE OF Kansas COUNTY OF Barber, ss.  
Elmer R. Morgenstern (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) Elmer R. Morgenstern  
Medicine Lodge, Kas.  
 (Address)

SUBSCRIBED AND SWORN TO before me this 6th day of September 1982

Jessie Hamilton  
 Notary Public.

My Commission expires: April 4, 1986

15-095-21152-0000



Natural Gas • Crude Oil  
Exploration & Production

**McCOY PETROLEUM CORPORATION**

One Main Place / Suite 410 Wichita, Kansas 67202

John Roger McCoy  
President

316-265-9697

Harvey H. McCoy  
Vice-President

DAILY REPORT

McCoy Petroleum Corporation  
#2 Mathes  
NE NW NW Section 29-30S-7W  
Spivey-Grabs Field  
Kingman County, Kansas  
API # 15-095-21,152

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Contractor: Sweetman Drilling, Inc.  
Geologist: Robert L. Smith

Elevations: 1605 KB 1602 DF 1595 GL

09-05-81 Move in Rotary Tools. Rig up. Spud @ 3:30 P.M. Set 8-5/8" OD, 24# surface casing @ 241' w/250 sacks common cement, 2% gel, 3% calcium chloride, 1/4# per sack Floseal. P.D. @ 8:00 P.M.

09-06-81 Drilling @ 630'.

09-07-81 Drilling @ 2012'.

09-08-81 Drilling @ 2835'.

09-09-81 Drilling @ 3683'.

09-10-81 Drilling @ 4145'.

09-11-81 Circulating @ 4345'.

SAMPLE TOPS

Kansas City	3768(-2163)
Stark Shale	3931(-2326)
Cherokee	4179(-2574)
Mississippian	4305(-2700)
RTD	4382(-2777)

DST #1 4307-4345' (Mississippian)  
Open 30", S.I. 45", Open 60", S.I. 60"  
Strong blow throughout test.  
Recovered 240' gas in pipe,  
30' gassy mud,  
120' very slightly oil and gas cut mud.  
ISIP 630# FSIP 490#  
FP 30-70# 60-90#

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09-12-81 RTD 4382'. Pulling DST #2.

DST #2 4345-4382' (Mississippian)

Open 30", S.I. 45", Open 60", S.I. 60"

Strong blow. Gas to surface at start of 2nd open period.

Gauge 7.06 MCF/10" and decrease to 6.01 MCF/60"

Recovered 600' of fluid as follows:

60' gas cut mud,

240' heavily oil and gas cut mud,

270' very heavily oil and gas cut mud,

30' gas cut muddy water.

ISIP 1099# FSIP 1139#

FP 80-150# 150-230#

Ran Great Guns Radiation Guard Log.

ELECTRIC LOG TOPS

Heebner	3276(-1671)
Lansing	3488(-1883)
Kansas City	3766(-2161)
Stark Shale	3928(-2323)
Cherokee	4178(-2573)
Mississippian	4305(-2700)
LTD	4381(-2776)

Set 109 joints of new 4-1/2" OD, 10.5#, R-3, J-55, API casing 14' off bottom. Seating point on Baker Triplex shoe is @ 4367'. Halliburton cement with 125 sacks common cement. P.D. @ 2:25 A.M. on 9-12-81. Shoe joint with Triplex = 43.76'.

09-19-81 Move in Hayes Well Service. Rig up. Move 2-3/8" EUE tubing from #1 well to #2 well.

09-20-81 Shut down.

09-21-81 Run 2-3/8" EUE tubing with rotary bit. Drill plug, cement and shoe. Clean out open hole to RTD. Circulate clean. Swab down to 2,000' with tubing swab. Having much difficulty getting swab down tubing. Shut down for night.

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09-22-81 Rig up Halliburton. Circulate acid to bottom. Acidize with 500 gallons 7-1/2% MCA. Start in formation @ 1/2 BPM @ 850#, increase rate to 2 BPM, pressure went to 900# maximum and broke back to 550#. Increase rate to 4 BPM @ 650# falling back to 600#. Increase rate to 5 BPM @ 700# falling back to 675#. Finish @ 675#. ISIP 400#. On vacuum in 5 minutes. Pull tubing. Total acid load = 76 bbl. Swab to bottom. Recovered 71 bbl. (-5 BL) Trace of oil on last 2 pulls. Let set 1/2 hour. Run swab. Recovered 1/2 bbl. acid water with a show of oil.

Rig up Halliburton to frac. Frac down casing with 5,500 gallons Versagel 1400 and 3,000# of 20/40 sand as follows. Set rate @ 8 BPM. 1,000 gallons pad on formation @ 800#. 1,000 gallons with sand @ 1/4#/gallon on bottom @ 700#. 1,000 gallons with sand @ 1/2#/gallon on bottom @ 700#. 1,000 gallons with sand @ 3/4#/gallon on bottom @ 700#. 1,500 gallons with sand @ 1#/gallon on bottom @ 750#. Sand clear @ 850#. Final pressure 950# with 1,500 gallons of overflush. ISIP 700# 15 minute pressure drop to 250#. Shut in for night. Total load = 238 bbls.

09-23-81 Sand pump 20 gallons of sand. Hole clean. Run 2-3/8" EUE tubing as follows: 32.21' long open end mud anchor, 3' perforated nipple, seating nipple, 136 joints of tubing. No subs. Swing 11' off bottom. Shut in for night.

09-24-81 Start swabbing back load. Had to put 27 bbl. hot water down tubing to melt paraffin so swab would fall. Total load to recover is 238 + 27 = 265 bbl.

1st hour	Swab 24.36 BF		(-240.64 BL)
2nd hour	Swab 17.40 BF	2% oil	(-223.24 BL)
3rd hour	Swab 11.60 BF	8% oil	(-211.64 BL)
4th hour	Swab 13.92 BF	8% oil	(-197.72 BL)
5th hour	Swab 13.92 BF	9% oil	(-183.80 BL)
6th hour	Swab 12.76 BF	10% oil	(-171.04 BL)
7th hour	Swab 12.18 BF	12% oil	(-158.86 BL) CP 10#

Shut in.

09-25-81 SICP 100# Rig up to run rods. Run rebuilt 2" x 1-1/2" x 12' RWAC pump (from #1 Mathes), 170 used 3/4" sucker rods, (1) 4', (1) 6', and (1) 8' pony rod. Make up well head. Lay lead line to junction with line from #1 well. Make unit grade. Set Lufkin 114-143-54 Pumping Unit (from #1 Mathes). Start well pumping.

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09-26-81 Pump 98 BF/13 hours. CP 250# Start water down SWD line.  
09-27-81 Building oil pad in Heater Treater. Water down SWD line.  
09-28-81 Oil started over into stock during night.  
09-29-81 Pump 10 BOPD.  
09-30-81 Pump 10 BOPD.  
10-01-81 Pump 8.35 BOPD.  
10-02-81 Pump 6.68 BOPD  
10-03-81 Pump 6.68 BOPD  
10-04-81 Pump 5.01 BOPD  
10-05-81 Pump 5.01 BOPD  
10-06-81 Pump 4.17 BOPD  
10-07-81 Pump 4.17 BOPD  
10-10-81 Pump 4.17 BOPD  
10-11-81 Pump 4.17 BOPD  
10-12-81 Pump 4.17 BOPD  
10-13-81 Pump 4.17 BOPD

I.P. 10 BOPD plus water.

Complete 9-29-81