

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

WELL PLUGGING RECORD  
K.A.R.-82-3-117

API NUMBER 15-171-20124-0060

LEASE NAME Michaelis

WELL NUMBER 1-19

SPOT LOCATION C NW

SEC 19 TWP 18 RGE 31 (XXX) (W)

COUNTY Scott

Date Well Completed \_\_\_\_\_

Plugging Commenced 4-13-1987

Plugging Completed 4-17-87

LEASE OPERATOR Methanol Production Corp.

ADDRESS 165 S. Union Ste., 500, Lakewood Co. 80228

PHONE # (303) 980-1277 OPERATORS LICENSE NO. 4311

Character of Well gas  
(Oil, Gas, D&A, SWD, Input, Water Supply Well)

Did you notify the KCC/KDHE Joint District Office prior to plugging this well? yes

Which KCC/KDHE Joint Office did you notify? Dodge City, Ks.

Is ACO-1 filed? yes If not, is well log attached? \_\_\_\_\_

Producing formation Krider Depth to top 2772' bottom 2780' T.D. 2815'

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
Surface				8 5/8"	361'	
Production				4 1/2"	2814'	1050'

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 each set. Plug bottom w/2 sks. hulls and 20 sks. cement - pressured to 750 lbs.

Pumped 50 sks. cement 1050' to 900', Displaced w/mud to 360'

Pumped 50 sks. cement 360' to 210', Displaced w/mud to 360'

Put bridge and 10 sks. cement 40' to 3'

Cut off 8 5/8", 3' below ground level

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

Name of Plugging Contractor Midwest Casing Pulling Service License No. 6497

Address Box F, Sublette, Ks. 67877

STATE OF KANSAS

COUNTY OF HASKELL, ss.

I, Edgar J. Eves ~~employee of operator~~ or (operator) of 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 and certify that the same are true and correct, so help me God.

(Signature) Edgar J. Eves

(Address) Box F, Sublette, Ks. 67877

SUBSCRIBED AND SWORN TO before me this 1st day of May, 1987

Sondra L. Eves  
Notary Public

My Commission expires: 12-6-88



ite 645 - R. H. Carvey Building  
 300 West Douglas  
 Wichita, Kansas 67202  
 316/264-5406

Michaelis #1-19  
 NW C ~~SW~~ 19-18S-31W  
 Scott County, Kansas

FEB 10 1977

Contractor: B & N Drilling  
 Geologists: W. Walter Scott  
 Charles R. King

Elevation: 2962 GR.  
 2968 RB

- 1-9-77 MIRT.
- 1-11-77 Spud at 10:45 a.m. Drilled 12½" hole to 370'. Ran 9 joints 8 5/8" used casing. Total tally 355.25 set at 361' with 265 sx Class H cement, 3% CaCl. Cement did not circulate. PD at 4:15 a.m. 1-12-77.
- 1-13-77 Drilling at 1400'.
- 1-14-77 Drilling at 2391'.  
Sample Tops:  
     Stone Corral                      2250 (+718)  
     Base Stone Corral                2310 (+658)  
 Drilling at 2772'.
- 1-15-77 2815 TD and losing circulation.
- 1-16-77 2815 TD & WOC. Ran Logs. Ran 70 joints 4½", 9.5# ERW ST&C new casing. Total tally 2818.85 set at 2814' with 125 sx 50-50 pozmix, 10% salt and 3/4% CFR-2. PD 4:30 a.m. 1-17-77. WOC
- 1-31-77 Unloaded tubing. Ran tubing to 2400'. Swabbed casing down, pulled tubing and ready to perforate.

Log Tops

- |  |                   |             |
|--|-------------------|-------------|
|  | Stone Corral      | 2246 (+722) |
|  | Base Stone Corral | 2306 (+662) |
|  | Herington         | 2744 (+244) |
|  | Krider            | 2769 (+199) |
|  | RTD               | 2815 (+153) |
|  | LTD               | 2803 (+165) |
- 2-1-77 Ran correlation log, perforated Krider from 2772 - 80 with 16 holes. Ran tubing to 2796', swabbed dry. Gas burn ahead of swab. Ready to acidize.
  - 2-2-77 Acidized with 1,000 gal. 15% acid. Maximum treating pressure: 500#; average: 400#. ISIP 200# to vacuum in 5 minutes. Average injection rate 4 BPM. 58 BL to recover. Swabbed back 58 BLW through tubing in 5 hours. No gas burn. Casing pressure increased to 20#. Chlorides 71,000 ppm.
  - 2-3-77 SICP 60#; SITP 5# at 8am. Ran swab, found 700' fluid in hole. Swabbed down, making approximately 200' fluid every 45". No gas burn. Chlorides 75,000 ppm. Total estimated recovery: 11 BW for day. Casing pressure remained at 60# for day.
  - 2-4-77 SICP 60# at 8 a.m. Ran swab, found 700' fluid in hole. Recovered 10 BW in 7 hours. Chlorides 75,000 ppm. Pulled 2 3/8" tubing, preparing to frac.
  - 2-7-77 Recovered 245 BLW. Swabbed tubing 8½ hours. No gas show. Vacuum on casing. Chlorides 35,000 ppm. 315 BL to recover.