

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

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

API NUMBER 15-047-20951-000

LEASE NAME Schnack-Pyle

WELL NUMBER 2

SPOT LOCATION NW/4 SE/4

SEC. 15 TWP. 24S RGE. 16 (X) or (W)

COUNTY Edwards

Date Well Completed 12/08/81

Plugging Commenced 11/11/86

Plugging Completed 11/14/86

LEASE OPERATOR Sun Exploration and Production Company

ADDRESS 525 Central Park Drive

PHONE # (405) 556-9975 OPERATORS LICENSE NO. 6169

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? Hays

Is ACO-1 filed? Yes If not, is well log attached? _____

Producing formation Miss Chat Depth to top 4240 bottom 4377 T.D. 4460'

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 |
|---------------|-----------|-------|-------|--------|--------|------------|
| Mississippian | Oil & Gas | 4279' | 4336' | 8 5/8" | 395' | |
| | | | | 5 1/2" | 4460' | |
| | | | | | | |
| | | | | | | |

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. Kill well with 9 ppg, 36 vis mud, 60 bbls dn csg, and 40 bbls dn tbq. Set CIBP @ 4045', spot 2 sx cmt on CIBP using dump bailer. Fill csg with 9 ppg, 36 vis mud and test to 300#. Perf 4 holes @ 1100 ft. Pump 75 sx cmt out perfs. Perf 4 holes at 500'. Circ csg. with 130 sx cmt -- cmt to surface inside and outside 5 1/2" Cut off csgs. 6' below GI, weld cap on, clean up loc.

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

Name of Plugging Contractor Halliburton Well Services License No. _____

Address BOX 579, Great Bend, Kansas 67530

STATE CORPORATION COMMISSION

STATE OF Oklahoma COUNTY OF Oklahoma, ss.

DEC 24 1986

Susan Carlisle (employee of operator) or CONSERVATION DIVISION
(operator) of above-described well, being first duly sworn on oath, says: That Wichita, Kansas
I have knowledge of the facts, statements, and matters herein contained and 12-24-86
the log of the above-described well as filed that the same are true and
correct, so help me God.

(Signature) Susan Carlisle

(Address) 525 Central Park Drive, OKC, OK

SUBSCRIBED AND SWORN TO before me this 23 day of DECEMBER, 1986

Daniel L. Bureau
Notary Public

My Commission expires: 7-19-90

DATE: SEPTEMBER 9, 1986

WELL: SCHNACK PYLE #2
EMBRY FIELD
EDWARDS COUNTY, KANSASDATA

PERMANENT ZERO POINT: 10' ABOVE GL
 UPPERMOST PLUG: 4423'
 RETAINER: -
 CASING: 5-1/2", 14# DEPTH SET @ 4460'
 PACKER DEPTH (TOP) & TYPE: -
 TUBING: 2-3/8", DEPTH SET @ -
 TOC: 2955' (EST @ 75% EFF)
 PERFS: MISS KH 4279-99' & VIOLA 4326-36'

PROCEDURE

1. MIRU. KILL WELL DWN 5-1/2"-2-3/8" ANNULUS W/9.0 PPG MUD. INSTALL 3000 PSI BOP'S W/BLIND & PIPE RAMS.
2. POH W/2-3/8" TBG. LD TBG. REL RIG.
3. RU WELEX WIRELINE. INSTALL 1000 PSI LUBRICATOR. RIH W/4-1/2" GAUGE RING TO 4230'. RIH W/CIBP ON ELEC LINE. SET CIBP @ 4225'. (USE GEARHART'S GAMMA RAY LOG CORRELATION RUN 12-1-81 TO SET PLUG). DMP 2 SX CLASS "A" CMT ON TOP OF PLUG W/DMP BAILER.
4. FILL 5-1/2" CSG W/9.0 PPG, 36 VIS MUD.
5. RU WELEX WIRELINE. PERF ±1100' W/4 JET SHOTS. (NO CORRELATION LOG STRIP EXIST FOR THIS DEPTH).
6. RU HALLIBURTON. PMP CMT PLUG DOWN 5-1/2" CSG AS FOLLOWS:
 - A. PMP 75 SX 50:50 POZ W/2% GEL.
 - B. DISPLACE CMT W/22 BBLs 9.0 PPG, 36 VISC MUD.
7. RU WELEX WIRELINE. PERF ±495' W/4 JET SHOTS (NO CORRELATION LOC STRIP EXIST FOR THIS DEPTH).
8. RU HALLIBURTON. PUMP DWN 5-1/2" CSG AS FOLLOWS:
 - A. PMP 9.0 PPG MUD TO EST CIRC TO SURF.
 - B. PMP 180 SX 50:50 POZ MIX W/2% GEL & 2% CaCl₂ (50% EXCESS). CIRC CMT TO SURF.
9. CUT 5-1/2" & 8-5/8" CSG 6' BELOW GL. WELD STEEL PLATE ON CSG W/WELL NAME & PLUGGING DATE. CLN UP LOCATION.