

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

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

15-009-03118-00-00
API NUMBER _____

TYPE OR PRINT
NOTICE: Fill out completely
and return to Cons. Div.
office within 30 days.

LEASE NAME Joseph #2

WELL NUMBER _____

SPOT LOCATION C W 1/2 SW SW

SEC. 29 TWP. 16 RGE. 11 (E) or (W) (W)

COUNTY Barton

Date Well Completed _____

Plugging Commenced 8/28/85

Plugging Completed 9/3/85

LEASE OPERATOR Gulf Oil & Exploration & Production Co.

ADDRESS Box 1635, Houston, Tx. 77001

PHONE # () _____ OPERATORS LICENSE NO. _____

Character of Well _____
(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? _____ If not, is well log attached? _____

Producing formation _____ Depth to top _____ bottom _____ T.D. 3345'

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	352'	none
				5 1/2"	3338'	1288'

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.

Gulf Oil ran tubing to 3272' with 50 sacks cement. Shot pipe at 1830', 1620', & 1528'. Pulled 15 joints of pipe. Hooked cement company on to 5 1/2", started circulating cement, lost circulation. Tried to pull 1 joint, pipe was stuck. Ran shot to 558', pulled 4 joints. Tied on to 5 1/2" & circulated cement up to 8 5/8 (275 sacks total). Pulled remainder of pipe. Plugging complete.

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

Name of Plugging Contractor Kelso Casing Pulling License No. 6050

Address Box 347, Chase, Ks. 67524

9-19-85

STATE OF Kansas COUNTY OF Rice, ss. **RECEIVED**
STATE CORPORATION COMMISSION

R. Darrell Kelso (employee of operator) or (operator) of above-described well, being first duly sworn on oath, says: **SEP 19 1985**
I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed that the same are true and correct, so help me God.

(Signature) [Signature] CONSERVATION DIVISION
Wichita, Kansas
(Address) Box 347, Chase, Ks. 67524

SUBSCRIBED AND SWORN TO before me this 17th day of September, 1985

My Commission expires: _____

IRENE HOOVER
State of Kansas
My Appt Exp Aug 15, 1989

[Signature]
Notary Public

MEMORANDUM
EXPLOITATION DEPARTMENT

Engineering Division
Chase District Office

SUBJECT: Joseph No. 2 - Hydrafrac with 1500 gallons

PURPOSE: To present a procedure to serve as a guide in performing a double Hydrafrac treatment on Joseph No. 2.

DISCUSSION:

1. Move in two-drum unit and pull rods and tubing.
2. Measure total depth and clean out to 3344-1/2'. Install 5-1/2" OD x 2-1/2" Hinderliter type HZW casinghead.
3. Run tubing with ~~HM~~ Halliburton packer and load hole with oil through tubing.
4. Set packer at approximately 3290' near bottom of casing.
5. Inject 50 barrels of oil and attempt to break formation. Hydrafrac with double amount and chase with 25 barrels of oil, using recommended amount of propping agent.
6. Shut in for recommended period.
7. Pull tubing and packer, measure total depth. If cavings are found, clean out.
8. Run tubing and rods and obtain representative 24-hour production test.

WELL DATA:

Top Arbuckle: 3338'
5-1/2" Casing set: 3338'
Total depth: 3344-1/2'
Measurements taken from a point 4' above top collar of 5-1/2" casing.
Volume of 2-7/8" tubing - 0.0058 barrels/foot
Volume of annular space - 0.0182 barrels/foot

RECEIVED
STATE CORPORATION COMMISSION

JUN 04 1952

CONSERVATION DIVISION
Wichita, Kansas

CEM:mes
10-20-52

APPROVED: Robert G. Bachtel

Charles E. Mace
C. E. Mace

APPROVED: W. H. Purley

Production