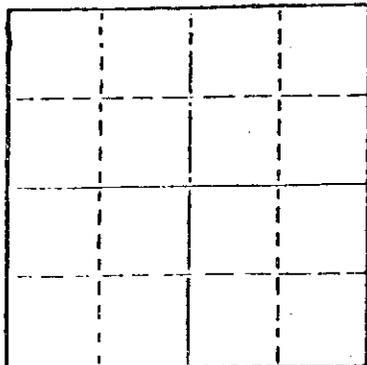


STATE OF KANSAS
STATE CORPORATION COMMISSION

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

Rush County, Sec. 23 Twp. 16S Rge. 17W E/W
Location as "NE/CNW\SW\1" or footage from lines
NW SE NE
Lease Owner Raymond Oil Company
Lease Name Stos Well No. 1
Office Address One Main Place, Suite 900, Wichita, KS 67202
Character of Well (Completed as Oil, Gas or Dry Hole)
Dry Hole
Date Well completed 6-5-81 19
Application for plugging filed 6-5-81 19
Application for plugging approved 6-5-81 19
Plugging commenced 6-5-81 19
Plugging completed 6-5-81 19
Reason for abandonment of well or producing formation
Dry Hole
If a producing well is abandoned, date of last production 19



Locate well correctly on above Section Plat

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 Marion Schmidt, Hays, KS
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well _____
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" | 1115' | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

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 set @ 1120' w/55 sx.
2nd plug set @ 270' w/40 sx.
3rd plug set @ 40' w/10 sx.
5 sx. in rat hole

(If additional description is necessary, use BACK of this form)
Name of Plugging Contractor Murfin Drilling Company

RECEIVED
STATE CORPORATION COMMISSION
JUN 24 1981

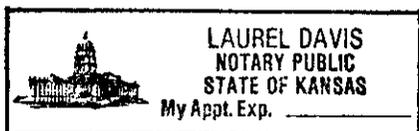
STATE OF KANSAS COUNTY OF SEDGWICK CONSERVATION DIVISION
David L. Murfin, Drilling Manager (employee of owner) or (owner or operator)
of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) David L. Murfin
David L. Murfin, Drilling Manager

SUBSCRIBED AND SWORN TO before me this 20th day of June, 1981

Laurel Davis
Laurel Davis Notary Public.

My commission expires 12-19-84



15-165-20873

WELL LOG

COMPANY Raymond Oil Company

SEC. 23 T. 16S R. 17W
LOC. NW SE NE

FARM Stos NO. 1

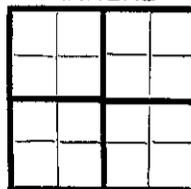
RIG. NO. 15

TOTAL DEPTH 3556'

COMM. 5-26-81

COMP. 6-5-81

COUNTY Rush
KANSAS



CONTRACTOR Murfin Drilling Company

CASING

| | |
|----|-------------------------------------------|
| 20 | 10 |
| 15 | 8-5/8" csg. set @ 1115' w/425 sx. Common, |
| 12 | 6 2% gel, 3% cc |
| 13 | 5 |

ELEVATION

PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

| | |
|-------|--------------------|
| 400' | shale |
| 1111' | shale & Redbed |
| 1146' | anhydrite |
| 1580' | shale |
| 3556' | shale & lime & RTD |

RECEIVED
STATE CORPORATION COMMISSION

JUN 24 1981

CONSERVATION DIVISION
Wichita, Kansas

06-24-1981

State of KANSAS
County of SEDGWICK } ss:

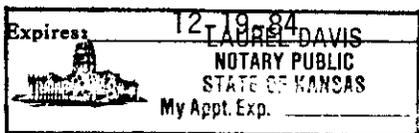
I, David L. Murfin, Drlg. Mgr. of the Murfin Drilling Company

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

David L. Murfin, Drlg. Mgr.

Subscribed and sworn to before me this 20th day of June 19 81

My Commission Expires



Laurel Davis NOTARY PUBLIC

KANSAS

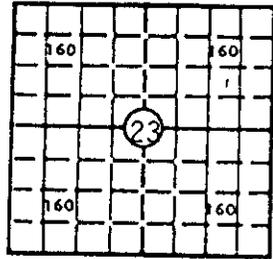
WELL COMPLETION REPORT AND DRILLER'S LOG

S. 23 T. 16S R. 17 W

Loc. NW SE NE

County Rush

640 Acres N



Locate well correctly

Elev.: Gr. 1982

DF 1985' KB 1987'

API No. 15 — 165 — 20,873 — 00-00
County Number

Operator Francis M. Raymond

Address One Main Place - Suite 900 - Wichita, KS 67202

Well No. 1 Lease Name Stos

Footage Location 990 feet from (N) / (S) line 1650 feet from (E) / (W) line

Principal Contractor Murfin Drilling Co. Geologist Robert E. O'Dell Steve Stribling

Spud Date 5-27-81 Date Completed 6-5-81 Total Depth 3556' RTD P.B.T.D.

Directional Deviation Oil and/or Gas Purchaser

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

| Purpose of string | Size hole drilled | Size casing set (in O.D.) | Weight lbs/ft. | Setting depth | Type cement | Sacks | Type and percent additives |
|-------------------|-------------------|---------------------------|----------------|---------------|-------------|-------|----------------------------|
| Surface | 12 1/4" | 8 5/8" | 24# | 1115' | Common | 425 | 2% gel 3% cc |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

LINER RECORD

PERFORATION RECORD

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth Interval |
|----------|-------------|--------------|---------------|-------------|----------------|
| | | | | | |

| Size | Setting depth | Packer set at |
|------|---------------|---------------|
| | | |

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|----------------------------------|------------------------|
| | |

RECEIVED
STATE CORPORATION COMMISSION
JUN 29 1981
Ole 29-1981
CONSERVATION DIVISION
Wichita, Kansas

INITIAL PRODUCTION

| | | | | | |
|----------------------------------------------------|-----------------------------------------------------|-----|-----------------------|---------------|--|
| Date of first production | Producing method (flowing, pumping, gas lift, etc.) | | | | |
| RATE OF PRODUCTION PER 24 HOURS | Oil | Gas | Water | Gas-oil ratio | |
| | bbls. | MCF | bbls. | CFPB | |
| Disposition of gas (vented, used on lease or sold) | | | Producing interval(s) | | |

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 245 No. Water, Wichita, Kansas 67202. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

State Corp

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Operator
Francis M. Raymond

Well No. 1 Lease Name Stos

Dry hole

S 23 T 16S R 17 E/W

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

| FORMATION DESCRIPTION, CONTENTS, ETC. | TOP | BOTTOM | NAME | DEPTH |
|-----------------------------------------------------------------------------------------------------------------------------|------|--------|-----------------|-------|
| DST #1 45-60-45-60 HP 1824 - 1808 FP 93-560 - 607 - 740 SIP 1093 - 1093 Temp 112 degrees Rec. 1380' water | 3334 | 3350 | <u>LOG TOPS</u> | |
| | | | Anhydrite | 1110 |
| | | | Topeka | 2995 |
| | | | Lansing KC | 3280 |
| | | | BKC | 3501 |
| | | | LTD | 3554. |
| DST #2 30-30-30-30 HP 1848 - 1832 FP 46-46 62-69 SIP 592 - 397 Temp 109 degrees Rec. 75' DM | 3402 | 3462 | | |
| DST #3 30-30-30-30 HP 1912 - 1888 FP 54-100 100-124 SIP 545 - 443 Temp 110 degrees Rec. 190' OCM | 3497 | 3530 | | |
| Plugged 6-5-81 | | | | |

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

Francis M. Raymond
Signature
Francis M. Raymond

Operator

June 25, 1981

Date