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AUG 25 1992

18-34-18W
RELEASED

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 3667
Name: Source Petroleum
Address 200 W. Douglas, Ste. 820
Wichita, KS 67202
City/State/Zip
Purchaser: N/A
Or Contact Person: John Howard
Phone (316) 262-7397

Contractor: Name: ALLEN DRILLING COMPANY
License: 5418

Wellsite Geologist: Randy Lilak

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover
☐ Oil ☐ SWD ☐ Temp. Abd.
☐ Gas ☐ Inj ☐ Delayed Comp.
☒ Dry ☐ Other (Core, Water Supply, etc.)

If old well info as follows:

Operator: N/A

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

5/7/91 6/07/91 6/9/91
Spud Date Date Reached TD Completion Date

FROM CONFIDENTIAL

API No. 18-34-18W
County Comanche
Approx SE SW Sec. 18 Twp. 24 Rge. 18 ☒ West

660 Ft. North from Southeast Corner of Section
3300 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

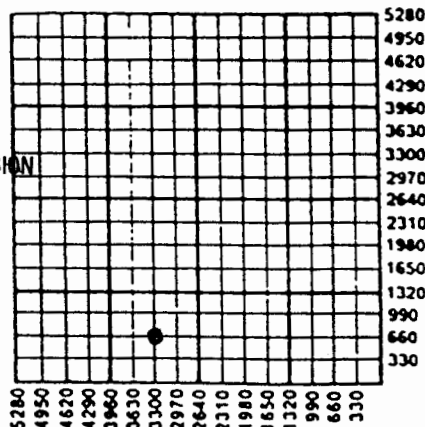
Lease Name STARK Well # A #1

Field Name _____

Producing Formation D&A

Elevation: Ground 1949 KB 1954

Total Depth 6670 PBTD --



Amount of Surface Pipe Set and Cemented at 635 Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☐ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Charles Schmidt
Title Production Manager Date 7/3/91

Subscribed and sworn to before me this 3rd day of July
19-91
Notary Public Virginia S. Fabian
Date Commission Expires August 5, 1991

| K.C.C. OFFICE USE ONLY | | |
|---|-------------------------------------|--|
| F | <input checked="" type="checkbox"/> | Letter of Confidentiality Attached |
| C | <input checked="" type="checkbox"/> | Wireline Log Received |
| C | <input type="checkbox"/> | Drillers Timelog Received |
| Distribution | | |
| <input checked="" type="checkbox"/> KCC | <input type="checkbox"/> SWD/Rep | <input type="checkbox"/> NGPA |
| <input checked="" type="checkbox"/> KGS | <input type="checkbox"/> Plug | <input type="checkbox"/> Other (Specify) |

W81-14E-81

SIDE TWO

Operator Name SOURCE PETROLEUMLease Name STARKWell # A #1Sec. 18 Twp. 34 Rge. 18☐ EastCounty Comanche☒ West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken ☒ Yes ☐ No
(Attach Additional Sheets.)Samples Sent to Geological Survey ☐ Yes ☐ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☒ Yes ☐ No
(Submit Copy.)

Formation Description

☒ Log ☐ Sample

| Name | Top | Bottom |
|---------------------|------|--------|
| Stone Corral Anhy | 988 | 998 |
| Chase Group | 2516 | 2930 |
| Council Grove Group | 2930 | 3345 |
| Admire Group | 3345 | 3461 |
| Wabaunsee Group | 3461 | 4072 |
| Shawnee Group | 4072 | 4445 |
| Lansing | 4611 | 5098 |
| Marmaton | 5146 | 5284 |
| Mississippi | 5384 | 6206 |
| Viola | 6202 | 6400 |
| Simpson | 6400 | 6545 |
| Arbuckle | 6545 | 6545 |

CASING RECORD

☒ New ☐ Used

TD(6666)

Report all strings set-conductor, surface, intermediate, production, etc.

| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs./Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
|-------------------|-------------------|---------------------------|-----------------|---------------|----------------|--------------|----------------------------|
| conductor | 17.5 | 13-3/8 | | 96 | 40/60poz | 125 | 2%gel 3%cc |
| surface | 12-1/4 | 8-5/8 | 23# | 635 | Hal lite | 225 | 2%gel 3%cc |
| | | | | | & Stand. | 125 | |

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record
(Amount and Kind of Material Used) Depth

| | | | | | | | |
|--|--|--|--|--|--|--|--|
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TUBING RECORD

Size

Set At

Packer At

Liner Run

☐ Yes ☐ No

Date of First Production

Producing Method

☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours

Oil

Bbls.

Gas

Mcf

Water

Bbls.

Gas-Oil Ratio

Gravity

Disposition of Gas:

☐ Vented ☐ Sold ☐ Used on Lease
(If vented, submit ACO-18.)

METHOD OF COMPLETION

Production Interval

☐ Open Hole ☐ Perforation ☐ Dually Completed ☐ Conningled
☐ Other (Specify) _____

FEB 2 1961

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SOURCE PETROLEUM
Drill Stem Test Data

RELEASED

AUG 2 5 1992
FROM CONFIDENTIALSTARK "A" #1
Appx C SE SW, 18-34S-18W
Comanche County, Kansas

DST #1 5243-5265' - Pawnee
30-60 60-60
1st Open: Off btm of BCKT immed
GTS in 5 min, 194-245 MCF
2nd Open: Off btm of BCKT immed,
gas blowing cont, 245-259 MCF
stabilized @ 259 MCF
Rec: 40' drlg M, 60' MW, chl'r
38000
IHP: 2630 FHP: 2532
IFP: 77-88 FFP: 88-100
ISIP: 2015 FSIP: 2004
BHT 128'

DST #2 6197-6250' - Viola
15-15 15-15
1st Open: Good surge when tool opened,
died in 5 min, flushed tool, no help
2nd Open: No blow
Rec: 10' M, no show
IHP: 3154 FHP: 3088
IFP: 44-44 FFP: 44-44
ISIP: 55 FSIP: 44
BHT 124'

DST #3 6399-6447' - Simpson Dol
20-45 30-60
1st Open: Strong blow off btm of bckt
in 1.5 min, gd blowbk thruout initial
SI
2nd Open: Strong blow off btmo of bckt
in 2 min
Rec: 186' GSSY M, 2170' water,
chl'r 40,000
IHP: 3297 FHP: 3242
IFP: 166-753 FFP: 841-1438
ISIP: 2477 FSIP: 2477
BHT 134'

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STATE CORPORATION COMMISSION

JUL 08 1991

CONSERVATION DIVISION
Wichita, Kansas

SEE REVERSE SIDE

DST #4 6479-6670' (rotary) 6475-6666' (log) Simpson/Arbuckle
30-30 45-45

1st Open: Weak bldg to off btm of bckt in 25 min,
No blowback on shut-in

2nd Open: Off btm of bckt in 20 min

Rec: 434' M; 496' MW; chlr 45,000

IHP: 3462 FHP: 3407

IFP: 166-333 FFP: 388-533

ISIP: 2477 FSIP: 2422 BHT 136⁰

DST #5 (Straddle) 5598-5628' (rotary) 5594-5624' (log) Spergen
30-30 30-30

1st Open: Blow of btm of bckt in 3 min, decreasing, slight
blow back

2nd Open: Off btm of bckt in 40 sec

Rec: 3578' gassy M (no gas in pipe), 390' W cut M,
chl'r 55,000

IHP: 2945 FHP: 2858

IFP: 940-1753 FFP: 1931-2026

ISIP: 2015 FSIP: 2048

BHP 130⁰

Misrun, btm packer failed