

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 5135
name John O. Farmer, Inc.
address P.O. Box 352
City/State/Zip Russell, Ks. 67665

Operator Contact Person Sam Farmer
Phone (913)-483-3144

Contractor: license # 6394
name Mohawk Drilling, Inc.

Wellsite Geologist Louis Chubb
Phone (316)-793-6749

PURCHASER Derby Refining

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
6-23-84... 6-30-84... 6-30-84...
Spud Date Date Reached TD Completion Date
4730!...
Total Depth PBSD
Conductor String set at 220'
Amount of Surface Pipe Set and Cemented at 992! feet
Multiple Stage Cementing Collar Used? Yes No
If Yes, Show Depth Set feet
If alternate 2 completion, cement circulated from feet depth to w/ SX cmt

API NO. 15-151-21,449-00-00

County Pratt, Kansas

NW, NW, NW (location) Sec 23 Twp 29 Rge 13 West

4950 Ft North from Southeast Corner of Section
4950 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

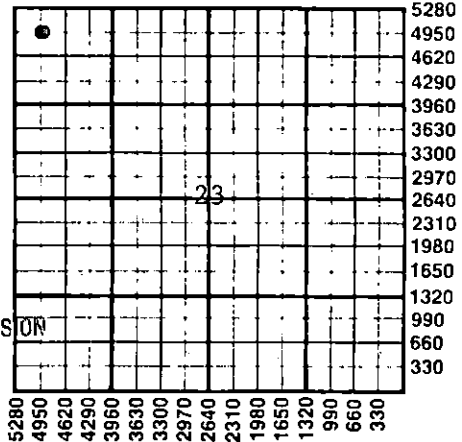
Lease Name Kinzie Well# 5

Field Name Northeast Jem

Producing Formation Simpson Sand

Elevation: Ground 1904' KB 1909'

Section Plat



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CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit # T 84-442
 Groundwater 3300 Ft North From Southeast Corner and (Well) 600 Ft. West From Southeast Corner of Sec 22 Twp 29S Rge 13W East West
 Surface Water Ft North From Southeast Corner and (Stream, Pond etc.) Ft West From Southeast Corner Sec Twp Rge East West
 Other (explain) (purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal Repressuring
Docket #

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 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. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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 John O. Farmer
Title President Date 7-30-84

Subscribed and sworn to before me this 30th day of July 19 84
Notary Public Margaret A. Schulte
Date Commission Expires 1-27-85

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KOC SWD/Rep NGPA
 KGS Plug Other (Specify)

Sec. 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

Operator NameJohn O. Farmer, Inc Lease Name ...Kinzie... Well# .5. SEC.23... TWP.29... RGE.13..... East West

WELL LOG

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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Sand & Shale 0 994
 Red Bed & Shale 994 1254
 Shale 1254 1623
 Anhydrite 1623 1692
 Shale 1692 2350
 Lime & Shale 2350 4730

| Name | Top | Bottom |
|--------------|-------|---------|
| Heebner | 3729' | (-1820) |
| Toronto | 3746' | (-1835) |
| Douglas | 3773' | (-1864) |
| Brown Lime | 3916' | (-2007) |
| Lansing | 3928' | (-2019) |
| Base/KC | 4316' | (-2407) |
| Marmaton | 4322' | (-2413) |
| Mississippi | 4409' | (-2500) |
| Viola | 4476' | (-2507) |
| Simpson Sand | 4602' | (-2693) |
| Arbuckle | 4704' | (-2795) |
| R.T.D. | 4730' | (-2721) |
| L.T.D. | 4329' | (-2720) |

DST #1 4321-75'
 Tool open: 30-30-30-30; strong blow; gas to surface in 10 min.
 Rec: 50' clean oil
 150' heavy oil and gas cut mud
 35° gravity
 IFP: 63-76 PSIG
 ISIP: 588
 FFP: 76-89 PSIG
 FSIP: 575 PSIG

DST #2 4590-4615'
 Tool open: 30-30-45-45; gas to surface in 6 min.
 Rec: 3300' gassy oil
 FP: 204-409 PSIG
 ISIP: 728 PSIG
 FFP: 434-562 PSIG
 FSIP: 741

DST #3 (CONTINUED)

420' salt water
 FP: 51-140
 ISIP: 1265
 FFP: 191-268
 FSIP: 1252

DST #3 4710-30'
 Tool open: 30-30-45-45
 Rec: 80' slightly oil cut gassy watery mud

* (CONTINUED)

CASING RECORD new used

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 String | 17-1/2" | 13.3/8" | | 220' | 60/40 Poz | 200 | 2% Gel., 3% C.C. |
| Surface Casing | 12-1/4" | 8.5/8" | 28# | 992' | 60/40 Poz | 300 | 2% Gel., 3% C.C. |
| Production Csg. | 7-7/8" | 5 1/2" New | 15 1/2 | 4727' | 60/40 Poz | 150 | 10% Salt |

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

| shots per foot | specify footage of each interval perforated | (amount and kind of material used) | Depth |
|----------------|---|------------------------------------|-------|
| 4 SPE | 4610-15 (5') | None | |

TUBING RECORD

size 2-7/8" set at 4675' packer at Liner Run Yes No

Date of First Production July 11, 1984 Producing method flowing pumping gas lift Other (explain)

| Estimated Production Per 24 Hours | Oil | Gas | Water | Gas-Oil Ratio | Gravity |
|-----------------------------------|---------|--------|---------|---------------|---------|
| 120 Bbls | Nil MCF | 0 Bbls | -- CFPB | | |

METHOD OF COMPLETION

Disposition of gas: vented sold used on lease
 open hole perforation other (specify) _____
 Dually Completed.
 Commingled

PRODUCTION INTERVAL

4610-15 (5')

DRILLERS WELL LOG

John O. Farmer, Inc.
P.O. Box 352
Russell, Ks 67665

Kinzie #5: API #15-151-21,449
NW NW NW Sec. 23-29-13W
Pratt County, Kansas

DATE COMMENCED: 6-23-84
DATE COMPLETED: 7-01-84

Conductor String: 13 3/8" Conductor String set at 220',
cemented with 200 sacks of 60/40 Pozmix, 2% Gel, 3% C.C.,
Plug down at 2:00 AM.

Surface Casing: 8 5/8" surface casing set at 992',
cemented with 300 sacks of 60/40 Pozmix, 2% Gel, 3% C.C.,
Plug down at 1:30 PM.

Production Casing: 5 1/2" production casing set at 4727',
cemented with 150 sacks Pozmix.

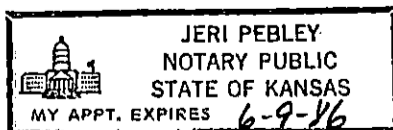
| | |
|--------------|-----------------|
| 0 - 230' | Sand & Shale |
| 230 - 797' | Sand & Shale |
| 797 - 994' | Sand & Shale |
| 994 - 1254 | Red Bed & Shale |
| 1254 - 1623' | Shale |
| 1623 - 1692' | Anhydrite |
| 1692 - 1975' | Shale |
| 1975 - 2350' | Shale |
| 2350 - 2745' | Lime & Shale |
| 2745 - 3105' | Lime & Shale |
| 3105 - 3430' | Lime & Shale |
| 3430 - 3775' | Lime & Shale |
| 3775 - 4030' | Lime & Shale |
| 4030 - 4270' | Lime & Shale |
| 4270 - 4375' | Lime & Shale |
| 4375 - 4500' | Lime & Shale |
| 4500 - 4615' | Lime & Shale |
| 4615 - 4630' | Lime & Shale |
| 4630 - 4730' | Lime & Shale |
| 4730' | RTD |

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CONSERVATION DIVISION
Wichita, Kansas

A F F I D A V I T

STATE OF KANSAS)
COUNTY OF BARTON) ss.

Terry Williamson of lawful age, does swear and state that the facts and statements herein are true and correct to the best of his knowledge.



Terry L. Williamson
Terry L. Williamson

Subscribed and Sworn to before me this 5th day of July, 1984.

My Commission Expires: 6-9-86

Jeri Pebley
Jeri Pebley
Notary Public