

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 # 4490
Name Hubert W. Redden Family Part
Address
City/State/Zip Gypsum, Ks. 67448

Purchaser

Operator Contact Person Hubert W. Redden
Phone 913-536-4479

Contractor: License # 5133
Name Kansas Drilling & Well Serv. Inc.

Wellsite Geologist H. J. Groves
Phone 316-382-3675

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
8-26-85 8-31-85 9-1-85
Spud Date Date Reached TD Completion Date
2680' 1897'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 213' KB
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set...feet
If alternate 2 completion, cement circulated from 213 feet depth to surf w/ 150 SX cmt

API NO. 15-169-20,285-0000
County Saline
165^r south of
NW NE SE 20 16 1 East
Sec. Twp. Rge. West

2145
990 Ft North from Southeast Corner of Section
990 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

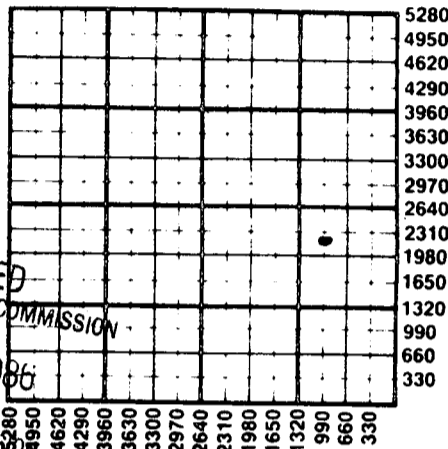
Lease Name Redden Well # 1

Field Name Hunter

Producing Formation Douglas

Elevation: Ground 1315' x KB 1323

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
SEP 4 - 1986
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #

Groundwater.....Ft North from Southeast Corner
(Well)Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain) Landowner's irrigation pond
(purchased from city, R.W.D. #)

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. Rule 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.

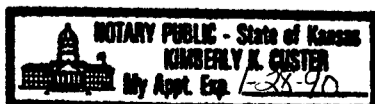
Signature X [Handwritten Signature]

Title Operator Date 8-23-86

Subscribed and sworn to before me this 25th day of August 1986

Notary Public [Handwritten Signature]

Date Commission Expires 1-28-90



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

Form ACO-1 (7-84)
FEB 18 1987

CONSERVATION DIVISION
Wichita, Kansas

Sec 20 Twp 16 Rge 1 E

SIDE TWO

Operator Name Hubert W. Redden Family Part. Lease Name Redden Well #.....

Sec. 20 Twp. 16 Rge. 1 East West County Saline

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

Name	Top	Bottom
lime, shale	0	1822
Heebner	1822	1849
Douglas	1849	
		2045
	2045	2190
Lans	2190	2478
K.C. Lime	2478	2668
Miss	2668	2680
TD	2680	

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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
Surface	12 1/4"	8 5/8"		213' KB	50/50 Pozmix	150	3% CC
Production	7 7/8"	5 1/2"		1902' KB	60/40 Pozmix	60	

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....				

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

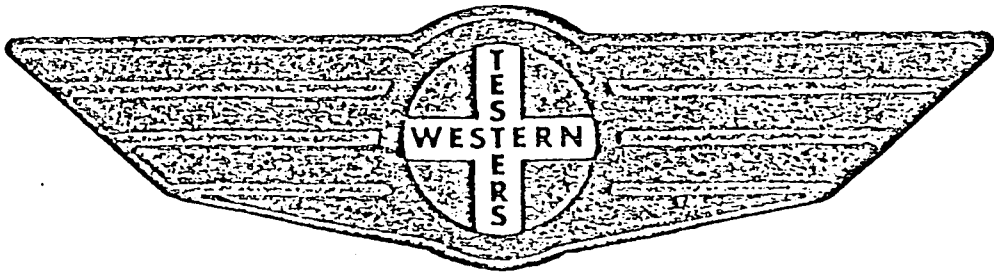
Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease

Dually Completed
 Commingled

FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 8-31-85
CUSTOMER: LYNNT & COMPANY
WELL: 1
ELEVATION (KB): 1322
SECTION: 20
RANGE: 1E
GAUGE SN #2605

TEST: 1A
FORMATION: MISSISSIPPI
TOWNSHIP: 16S
COUNTY: SALINE
RANGE: 4150

TICKET #9546
LEASE: REDDEN
GEOLOGIST: H.F. GROVES
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 2668 FT TO: 2680 FT TOTAL DEPTH: 2680 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 2668 FT SIZE: 6 3/4 IN PAKER DEPTH: 2663 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PAKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: KANSAS DRLG. RIG #5
MUD TYPE: CHEMICAL VISCOSITY: 41
WEIGHT: 9.8 WATER LOSS (CC): 12
CHLORIDES (P.P.M.): 1900
JARS - MAKE: NO SERIAL NUMBER:
DID WELL FLOW? REVERSED OUT?
DRILL COLLAR LENGTH: 300 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 2458 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 12 FT SIZE: 5 1/2 OD IN
SURFACE CHOKE SIZE: 3/4 IN BOTTOM CHOKE SIZE: 3/4 IN
MAIN HOLE SIZE: 7 7/8 IN TOOL JOINT SIZE: 4 1/2 XH IN

BLOW: INITIAL FLOW PERIOD WEAK BLOW; FLUSHED
TOOL; WEAK BLOW; DIED IN 5 MINUTES;
FLUSHED TOOL AGAIN; WEAK BLOW; DIED IN 5
MINUTES. OPEN TOOL. FINAL FLOW PERIOD NO BLOW.
FLUSHED TOOL: NO BLOW: PULL OUT OF HOLE.

RECOVERED: 70 FT OF: MUD.
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
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RECOVERED: FT OF:

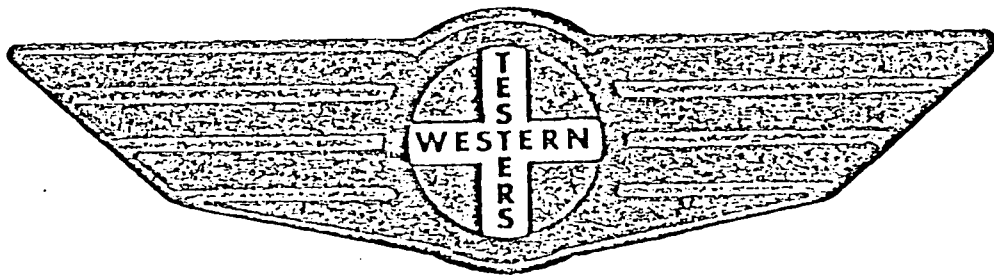
REMARKS: MISRUN. PLUGGED TOOL. SLID TOOL 15 FEET.

TIME SET PACKER(S): 5:00 PM TIME STARTED OFF BOTTOM:
WELL TEMPERATURE: 0 'F
INITIAL HYDROSTATIC PRESSURE: (A) 1336 PSI
INITIAL FLOW PERIOD MIN: 0 (B) 0 PSI TO (C) 0 PSI
INITIAL CLOSED IN PERIOD MIN: 0 (D) 0 PSI
FINAL FLOW PERIOD MIN: 0 (E) 0 PSI TO (F) 0 PSI
FINAL CLOSED IN PERIOD MIN: 0 (G) 0 PSI
FINAL HYDROSTATIC PRESSURE (H) 1321 PSI

FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company LYNN & COMPANY

Lease & Well No.

#1 REDDEN

Sec. 20

Twp. 16S

Rge. 1E

Test No. 1

Date 8/31/85

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 8-31-85
CUSTOMER: LYNNT & COMPANY
WELL: 1 TEST: 1
ELEVATION (KB): 1322 FORMATION: MISSISSIPPI
SECTION: 20 TOWNSHIP: 16S
RANGE: 1E COUNTY: SALINE STATE: KANSAS
GAUGE SN #2605 RANGE: 4150 CLOCK: 12

TICKET #9547
LEASE: REDDEN
GEOLOGIST: H.F. GROVES

INTERVAL TEST FROM: 2626 FT TO: 2680 FT TOTAL DEPTH: 2680 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 2626 FT SIZE: 6 3/4 IN PACKER DEPTH: 2621 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: KANSAS DRLG. RIG #5
MUD TYPE: CHEMICAL VISCOSITY: 41
WEIGHT: 9.7 WATER LOSS (CC): 12
CHLORIDES (P.P.M.): 1900
JARS - MAKE: NO SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 300 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 2306 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 54 FT SIZE: 5 1/2 OD IN
SURFACE CHOKE SIZE: 3/4 IN BOTTOM CHOKE SIZE: 3/4 IN
MAIN HOLE SIZE: 7 7/8 IN TOOL JOINT SIZE: 4 1/2 XH IN

BLOW: INITIAL FLOW PERIOD WEAK BLOW.
FINAL FLOW PERIOD VERY WEAK BLOW.

RECOVERED: 150 FT OF: MUDDY SALT WATER WITH FEW OIL
RECOVERED: FT OF: SPOTS ON TOP OF TOOL.
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS: SLID TOOL 3 FEET.

TIME SET PACKER(S): TIME STARTED OFF BOTTOM:
WELL TEMPERATURE: 0 'F
INITIAL HYDROSTATIC PRESSURE: (A) 1306 PSI
INITIAL FLOW PERIOD MIN: 35 (B) 43 PSI TO (C) 48 PSI
INITIAL CLOSED IN PERIOD MIN: 30 (D) 615 PSI
FINAL FLOW PERIOD MIN: 45 (E) 80 PSI TO (F) 84 PSI
FINAL CLOSED IN PERIOD MIN: 48 (G) 627 PSI
FINAL HYDROSTATIC PRESSURE (H) 1286 PSI

