

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 # 9883  
Name Sharon Resources, Inc.  
Address 7100 E. Belleview Avenue  
Suite 201  
City/State/Zip Englewood, Co. 80111

Purchaser.....

Operator Contact Person Charles B. Davis  
Phone (303) 595-9111

Contractor: License # 6033  
Name Murfin Drilling

Wellsite Geologist Robert Elder  
Phone (913) 625-4266

Designate Type of Completion

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

If OWWO: old well info as follows:

Operator.....  
Well Name.....  
Comp. Date.....Old Total Depth.....

WELL HISTORY

Drilling Method:

- Mud Rotary
- Air Rotary
- Cable

3-27-85.....	..4-2-85.....	..4-2-85.....
Spud Date	Date Reached TD	Completion Date
.....4097	.....	.....
Total Depth	PBTD	

Amount of Surface Pipe Set and Cemented at 310 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. 15-179-20,805-00-00

County... Sheridan

SW SE SW Sec. 10 Twp. 9S Rge. 27  East  West

330 Ft North from Southeast Corner of Section  
3630 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

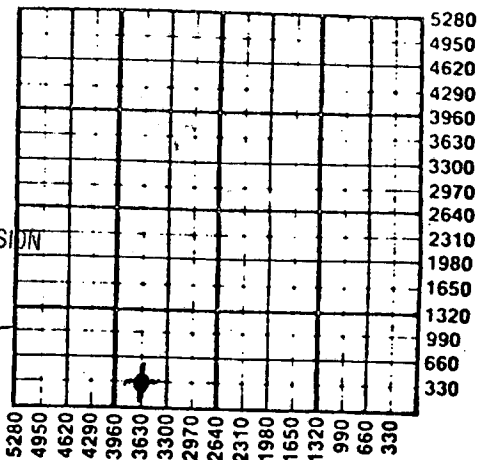
Lease Name... White Well # 2

Field Name.....

Producing Formation..... None

Elevation: Ground..... 2663 KB..... 2668

Section Plat



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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).....  
(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 ..... Charles B. Davis

Title..... Date 4-23-85

Subscribed and sworn to before me this 23 day of April 1985

Notary Public..... Terri L. Kimrey

Date Commission Expires..... December 2, 1987

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)

TERRI L. KIMREY  
1155 WABASH  
DENVER, COLORADO 80220  
MY COMMISSION EXPIRES: 12/02/87

Sec. 10 Twp. 9 S Rge. 27 W

Operator Name ..... Sharon Resources, Inc ..... Lease Name ..... White ..... Well # ..... 2 .....

Sec. .... 10 ..... Twp. .... 9S ..... Rge. .... 27 .....  East  West County ..... Sheridan .....

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

DST #1 3784 - 3820 Toronto  
 Initial Flow 30 Initial Shut In 60  
 Final Flow 60 Final Shut In 90  
 Initial Flow Pressure 39,167  
 Initial Shut in Pressure 1186  
 Final Flow Pressure 173,442  
 Final Shut In Pressure 1186  
 Initial Hydrostatic 1916, Final 1901  
 Recovered 1004' salt water

Geologists report attached

DST #2 3840 - 3862 Lansing "B"  
 Initial Flow 30 Initial Shut In 60  
 Final Flow 60 Final Shut In 90  
 Initial Flow Pressure 20,118  
 Initial Shut in Pressure 1156  
 Final Flow Pressure 130,236  
 Final Shut In Pressure 1076  
 Initial Hydrostatic 1951 Final 1940  
 Recovered 510' salt water & 5' slightly oil spotted mud

DST #3 3937 - 3977 Kansas City "H"  
 Initial Flow 30 Initial Shut In 60  
 Final Flow 60 Final Shut In 90  
 Initial Flow Pressure 20,34  
 Initial Shut In Pressure 1206  
 Final Flow Pressure 49,88  
 Final Shut In Pressure 1206  
 Initial Hydrostatic 2046  
 Final Hydrostatic 2022  
 Recovered 130' watery drilling mud

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 .....	..... 24 .....	..... 310 .....	..... 60/40 PZ .....	..... 200 .....	..... 3% CaCl .....

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) .....

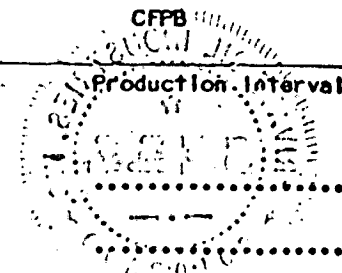
  

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity
.....	.....	.....	.....	.....	.....

METHOD OF COMPLETION

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....

Used on Lease  Dually Completed  Commingled



15-179-20805-00-08 Consulting Geologist

ROBERT EIDER

Hays, Kansas

Res. Ph. 913/625-4266

# GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY Sharon Resources, Inc.

LEASE Fopp #1

FIELD McFadden SE

LOCATION NE-NE-NE

SEC 15 TWSP 9s RNG 24a

COUNTY Snyder STATE Kansas

CONTRACTOR Martin Drilling Co. Rig 2

SPUD 1-14-85 COMP. 1-20-85

RTD 4100 ft. LTD 4157 ft.

MUD UP 3500 TYPE MUD Drispa

## ELEVATIONS

K B 2215

D F 2212

G L 2210

Measurements Are All From Kelly Bushing

CASING SURFACE 8 5/8" @ 344 ft.  
PRODUCTION 5 1/2" @ 4152'

ELECTRICAL SURVEYS  
Ground Surveys:  
Rd. Guard w/ Caliper

## FORMATION TOPS & STRUCTURAL POSITION

FORMATION	SAMPLE TOP	ELECTRIC LOG TOP	SUB-SEA DATUM	STRUCTURAL POSITION		
				A	B	C
Anhydrite	2304	2300	+415		+409	
Topeka	3595	3592	-822		-830	
Hebner	3829	3824	-1109		-1111	
Toronto	3852	3848	-1133		-1134	
Lansing	3874	3870	-1155		-1154	
Base Kansas City	4101	4097	-1382		-1386	
Total Depth	4160	4157	-1442		-1440	

REFERENCE WELLS FOR STRUCTURE

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## LEGEND

Anhydrite	Salt	Sandstone	Shale	Carb Sh	Limestone	Ool. Lime	Chert	Dolomite

SCALE 5" = 100

DRILLING TIME in Minutes Per Foot Rate of Penetration Decreases	DEPTH	LITHOLOGY	SAMPLE DESCRIPTIONS	OIL SHOWS	REMARKS
	3500				
	10				
	20				
	30				
	40				
	50				

15-179-20~~288~~<sup>805</sup>-00-00

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48 vis  
9.0 wt.  
9# L.C.M.

Topeka

30  
40  
50  
60  
70  
80  
90  
3600  
10  
20  
30  
40  
50  
60  
70  
80  
90  
3700  
10  
20  
30  
40  
50  
60  
70  
80  
90  
3800

Shales: maroon & dark grn., silty to rarely sandy; wht., v. fine-grnd. mod. well silt. 1% nodules, silt. & glauconitic. Fossil. gd.  $\phi$ ; no show  
Ls: lt. grey to cream, v. fine-xln., silt. chalky, clean, rarely fossil. poor inter-xln.

Shales: maroon, dark grey & bright green rarely silty to silt. sandy; no ch. sand  
Ls: white to cream, v. fine-xln., mostly chalky to v. argillaceous.  
Ls: lt. tan to cream, v. fine-xln., clean, silt. fossil. molluscs & brachs; poor inter-xln.  $\phi$ ; no show  
Ls: lt. grey, v. fine to micro-xln., clean, dense; rarely fossil. no visible  $\phi$

Shales: bright green, silt. sandy w/ orange-maroon, calcareous.  
Ls: wht. to lt. tan, v. fine to fine xln., clean, silt. dolomite, fair inter-xln.  $\phi$ ; no show  
Ls: brown to tan, v. fine to micro-xln., dense  
Ls: white to cream, v. fine-xln., mostly chalky to very argillaceous.  
Ls: lt. grey, v. fine-xln., silt. chalky, dense, & poor inter-xln.  $\phi$ .

Shale: dark grey, carbonaceous.  
Shales: maroon, bright green & grey, calcareous, rarely silty to silt. sandy.  
Ls: lt. grey to cream, v. fine-xln., clean, silt. chalky, fossil. common; fair inter-granular  $\phi$ ; no show  
Ls: white to lt. tan, v. fine to fine-xln., clean to chalky, rarely argillaceous, fossil. small molluscs, brachs; fair inter-xln.  $\phi$  poor inter-gran.  $\phi$ ; rarely cherty: fresh, white, opaque. Shales: grey & maroon  
Ls: white to lt. tan, v. fine to fine xln.

clean to silt. chalky, spotted fossils.  
fair to poor inter-xln.  $\phi$   
Ls: lt. tan to cream, v. fine to micro-xln., clean, dense; no visible  $\phi$

Shale: Black, carbonaceous, micro-yritic  
Shales: dark green, black, carbonaceous  
Ls: brown, micro-xln., dense  
Shales: maroon & dk. grey  
Ls: cream to lt. grey, v. fine-xln., mostly chalky to argillaceous, rarely sandy; fair inter-xln.  $\phi$

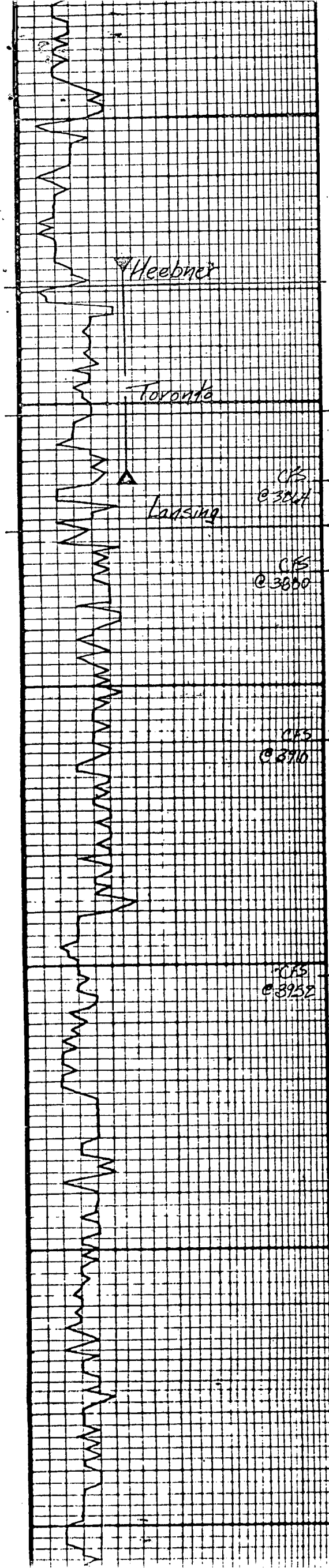
Shales: maroon, grey & grn., calcareous  
Ls: lt. grey to tan, v. fine to micro-xln., clean, dense, silt. chalky; no visible  $\phi$ .  
Ls: cream, v. fine-xln., clean, mostly v. chalky to silt. argillaceous

Shales: maroon & grn., calcareous; silty to silt. sandy.  
Ls: lt. grey to tan, v. fine to fine-xln., clean, silt. chalky, rarely fossil. poor inter-xln.  $\phi$  becoming argillaceous.  
Shale: Black, carbonaceous

Ls: brown, micro-xln., fossil. dense.  
Shales: maroon & grey, silt. silty, calcar.  
Ls: lt. grey, v. fine to fine-xln., silt. chalky fossil. fair inter-granular  $\phi$ ; no show  
Ls: tan to grey, micro-xln., dense silt. chalky no vis  $\phi$ .  
Shales: maroon & grey

48 vis  
9.2 wt.

40 vis  
11.2 water loss



00 Ls: brown, micro-xln, fossil. dense.  
 Shales: maroon & grey, silty, calcar.

90 Ls: lt. grey, v. fine to fine-xln, silty, chalky  
 fossilif. fair inter-granular  $\phi$ ; no show  
 Ls: tan to grey, micro-xln, dense silty chalky  
 no vis  $\phi$

3800 Shales: maroon & grey  
 Ls: cream to grey, v.f.-xln, mostly very  
 chalky to argillaceous, spotted sand grains  
 fair inter-xln  $\phi$  interbedded with shales.  
 maroon & grey, calcareous.

10 Ls: lt. grey to cream, v.f.-xln, chalky to  
 v. argillaceous, samples milky-white

20 Shale: Black, carbonaceous; micro-pyritic  
 Ls: brown, micro-xln, dense.

30 Shales: maroon, green & grey,  
 very carbonaceous, sandy to silty  
 samples wash red.

40 Ls: white to cream, v.f.-xln, silty chalky  
 pelletal, fossilif. molluscs, & fossilif. v. finely  
 pyritic, poor inter-xln  $\phi$ ; fair int.  $\phi$   
 great show free oil & hydro. oil in core, or fluores.  
 very slow conf. cherty: fresh, white, opaque  
 Ls: white to lt. tan, v.f. to micro-xln, clean, chalky  
 dense, cherty: as above

50 Shales: maroon, grey & green, calcareous, silty to  
 silty sandy, v. fine to fine-xln, dense, silty chalky  
 spotted pelletal, v. poor inter-xln  $\phi$ ; no show  
 Ls: white to lt. tan, v.f. to micro-xln  
 silty chalky, dense, rarely fossilif. with cherty  
 mesh, white to lt. grey, fossilif. fossilif. no vis  $\phi$ .

60 Shales: maroon, grey & green, calcareous,  
 silty, v. fine to fine-xln, chalky to argillaceous  
 silty sandy, v. poor inter-xln  $\phi$ ; poor show  
 v. hydro. & dead oil show; no free oil.

70 Shales: maroon, green & grey, calcareous  
 Ls: lt. tan v.f. to micro-xln, fossilif. pelletal  
 hydro. molluscs, dense; no visible inter-xln  $\phi$   
 no show.

80 Shales: maroon & green, calcareous, silty, laminated.  
 Ls: white to lt. grey, v. fine to micro-xln  
 silty argillaceous to clean, rarely fossilif.  
 dense, cherty: fresh, amber to white; no  
 visible  $\phi$ .

90 Ls: white to lt. grey, v. fine to  
 micro-xln, clean, dense; no  
 visible  $\phi$ ; rarely cherty: as above

3900 Shale: Black, carbonaceous, laminated

10 Ls: Grey, micro-xln, dense, v. fossilif.,  
 no visible  $\phi$

20 Shales: maroon, green & grey; calcareous  
 very silty

30 Ls: lt. tan, v. fine to fine-xln, silty chalky to  
 argillaceous, sandy to silty fossilif. common  
 fair inter-xln  $\phi$  & fair inter-granular  $\phi$   
 fair show hydro. oil; no free oil; mod. odor; no fluoresc.

40 Shales: maroon, grey & green;  
 calcareous, silty.

50 Ls: cream to lt. tan, v.f.-xln, mostly  
 very chalky; silty cherty: fresh,  
 white, opaque; fair to poor inter-xln  $\phi$   
 no show.

60 Ls: lt. grey to tan, v.f. to micro-xln,  
 clean, dense; no visible  $\phi$ ; no show

70 Very cherty: fresh; clear, amber  
 Ls: am., v.f.-xln, chalky to argillaceous

80 Shale: Black, carbonaceous

90 Ls: brown, micro-xln, silty fossilif. dense.  
 Shales: maroon, grey & dark green.  
 calcareous, silty.

4000 Ls: brown to tan, v.f. to fine-xln,  
 siltaceous, dolomite; poor to fair inter-xln,  
 1 piece apt. hydro. oil; no free oil; no odor/cut or  
 fluorescence.

10 Ls: tan to grey, v.f.-xln, clean, dense  
 silty chalky, no visible  $\phi$

20 Shale: Black, grey, carbonaceous

30 Shales: maroon, violet, grey & green  
 calcareous & silty...  
 Ls: cream to lt. grey, very fine-xln, mostly  
 clean to silty fossilif. chalky to silty argillaceous,  
 cherty: fresh, white & grey; fair inter-xln  $\phi$ ; no show.

40 Shales: maroon, grey & dark green,  
 calcareous, silty; pyritic

50 Ls: lt. tan to lt. grey, v.f.-xln,  
 clean, rarely chalky, sparitic; poor  
 inter-xln  $\phi$ ; fair scattered hydro. oil; no  
 show oil.

Shales: Black, carbonaceous

15-179-20805-00-2

40 vis  
11.2 water loss  
9.0 weight

Drill Stem Test #  
(3824-3864)  
Toronto  
30-60-60-90

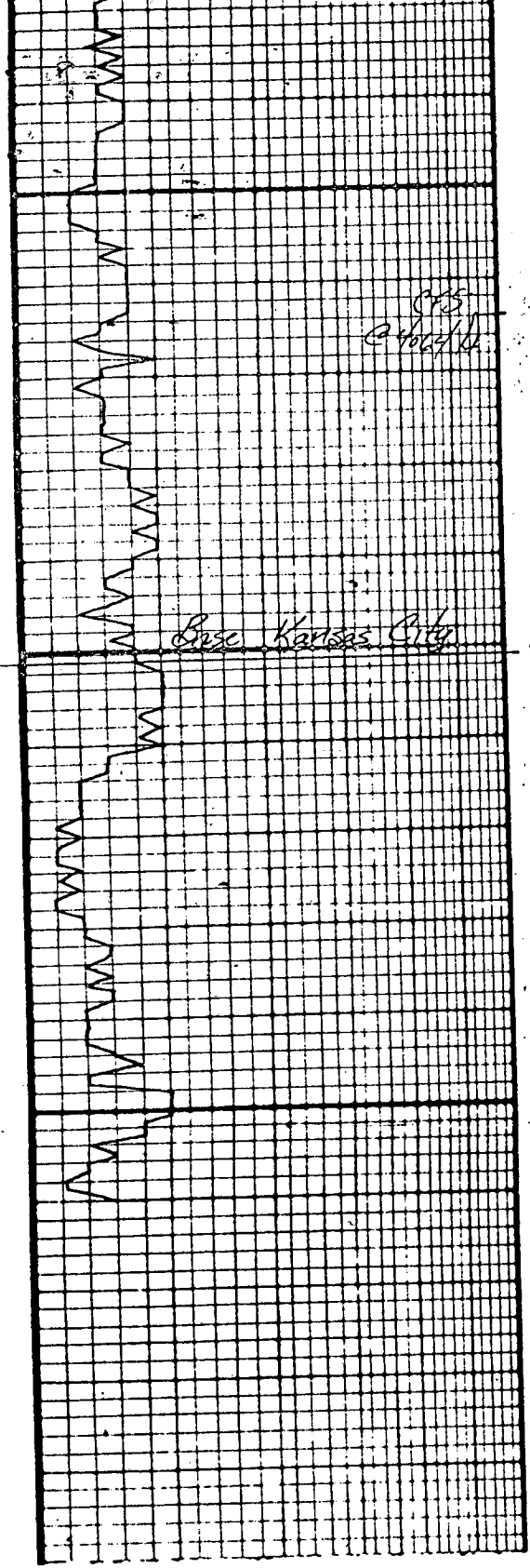
Recovered:  
.120' GIP  
360' oil (32 gravity)  
60' oil cut water  
466' salt water  
26,600 ppm Cl-

I.F.P.: 61-138  
F.F.P.: 202-340  
S.P.: 1174-1163  
Max Temp: 124 F

42 viscosity  
10.0 water loss  
9.0 weight

46 vis.  
9.2 wt.

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50	clean, to st. fossiliferous, chalky to silty argillaceous, dirty: fresh, white & grey tan inter- $\phi$ ; massive
40	Shales: maroon, grey & dark green, calcareous, silty; pyritic
50	Ls: lt. tan to lt. grey, v. fine- $\phi$ , clean, rarely chalky, sparitic; poor inter- $\phi$ ; fair scattered veg. $\phi$ ; no show oil
60	Shale: Black, carbonaceous
60	Shales: Maroon, dark grey & dark green, calcareous, st. silty
70	Ls: cream, v. fine- $\phi$ , mostly chalky to silty argillaceous
70	Ls: lt. brown to tan, v. fine- $\phi$ , st. fossiliferous, poor inter- $\phi$ ; fair scattered veg. $\phi$ ; trace sp. hvy oil sing. no free oil; no odor
80	Samples mostly Shales (95%) from 4060 to 4100 ft.
90	Shales: maroon, grey, green & violet; calcareous, spotted silty
90	Ls: lt. grey to cream, v. fine- $\phi$ , mostly very chalky, st. argillaceous, chalky fresh, grey to tan
410	possibility, poor inter- $\phi$ ; no show oil
10	Shales: maroon grey to dark grey & green, calcareous; mostly very silty
20	Shales: as above with abundance ls frags: white to grey, v. fine- $\phi$ , chalky, dense
30	Ls: lt. grey to tan, fine to micro- $\phi$ , clean, dense; no visible $\phi$
40	Shales: maroon & dark grey, samples wash red, calcareous
50	Shales: maroon, grey & green silty to st. sandy no ch. sd.

49 vis  
9.1 wt.

54 vis  
9.2 wt.

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