

11-16-43W

CONFIDENTIAL

WELL NAME: Edsall "E" #5
AREA: SW Stockholm
LOCATION: Sec. 11, T16S-R43W
COUNTY: Greeley **1650 FNL +**
STATE: Kansas **1650 FEL**
FOOTAGE: 1650' FNL, 1650' FEL

5300'
ELEVATIONS: 3928' KB, 3918' GL
CONTRACTOR: Kissinger
AFE NUMBER: 820961
LSE NUMBER: 93410
TXO WI: 75%

REMUDA CORPORATION
490 No. 31st St.
Suite 308
Billings, Montana 59101
Attn: Bill Sampsel
(406) 259-4296

Just Mail

TIGHT HOLE

SOUTHERN CENTURY, INC.
900 - 401 Ninth Ave., S.W.
Calgary, Alberta
Canada T2P 3C5
Attn: Omer Patrick
(403) 262-2883

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SEP 18 1985
State Geological Survey
WICHITA BRANCH

CHAR HOLDINGS, LTD. and
MAINLAND PETROLEUM CO.
1960 Sunlife Plaza
144--4th Ave., S.W.
Calgary, Alberta
Canada T2P 3N4
(403) 262-5542

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SEP 16 1985
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D.C.X. RESOURCES, LTD.
1776 Lincoln St., 8th Fl.
Ste. 601
Denver, Colorado 80203
Attn: Harry Veal
(303) 861-4295

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SECURITY EXPLORATION
2900 Security Life Building
1616 Glenarm Pl.
Denver, Colorado 80202
Attn: Holmes McLish
(303) 534-3052

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LARNE HOLDINGS, INC.
522 Calgary House
555 Sixth Ave. S.W.
Calgary, Alberta
Canada T2P 0M8
Attn: William LeSourd
(403) 263-5662

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06/24/83 74' (74'), repairing rotary hose. Surface Sd. Spud. 9.2, 46. MI RU
RT. Drlg MH, RH. Spud 12-1/4" hole @ 4:30 AM 6/24/83. DD
1.

06/25/83 530' (456'), WOC. Sd, sh. 9.1, 100. Finished 12-1/4" hole @ 10:30
PM 6/24/83. Ran 13 jts 8-5/8" OD, 8rd, 24#, K-55, ST&C, C-A csg
(509.40'). Set @ 520'. Cmt w/ 300 sxs 60-40 poz mix w/ 3% CaCl₂.
Cmt circ. Plug down @ 3 AM 6/25/83. 1-1/4" @ 530'. DW: 6754. CW:
9968. DD 2.

06/26/83 1430' (900'), TIH after LC. Sh. 8.9, 32, LCM 8#. Drlg plug @ 11 PM
6/25/83. DW: 12,336. CW: 22,304. DD 3.

06/27/83 2330' (900'), drlg. Sh. Native. 10 @ 1808'. DW: 12,391. CW:
34,695. DD 4.

06/28/83 3140' (810'), drlg. Sh, lm. 8.9, 29. DW: 11,478. CW: 46,173. DD
5.

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COUNTY: Greeley
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11-16-#3W

- 06/29/83 3610' (570'), drlg. Sh. 8.8, 32, LCM 2-4#. DW: 9577. CW: 55,750.
- 06/30/83 4080' (470'), drlg. Sh & lm. 9.4, 30, 28, 9.5. DW: 9142. CW: 64,902. DD 7.
- 07/01/83 4430' (350'), drlg. Sh & lm. 8.9, 43, 22, 9.5. DW: 7106. CW: 72,006. DD 8.
- 07/02/83 4755' (325'), drlg. Sh & lm. 8.8, 40, 18.8, 9.5. DW: 5190. CW: 77,916. DD 9.
- 07/03/83 4920' (165'), drlg. Sh & lm. 8.9, 46, 9.2, 10. 1-3/4" @ 4816'. DW: 4392. CW: 82,308. DD 10.
- 07/04/83 5180' (260'), circ for DST #1. Sd & sh. 8.8, 55, 8.8, 11. Drlg brk @ 5158-5168' from 2-1/2 MPF to 5 MPF. Sample description: 80% ss w/ 60% light brn stain & 60% light gold fluor. Circ. Short trip. Circ. DW: 5547. CW: 87,855. DD 11.
- 07/05/83 5237' (57'), drlg. Sh & sd. 8.9, 68, 8.8, 11. DST #1 from 5160-5180', Morrow fm. IFP, TO w/ very weak blow, dead in 15 min. FFP, TO, dead. Rec 10' mud. IHHP 2425#, IFP (30 min) 91/121#, ISIP (30 min) 106#, FFP (10 min) 121/121#. FHHP 2398#. BHT 121F. BHSC @ 2#, 2000 cc mud. Rw=.365 @ 74.5F, Cl 16,000 ppm. Test aborted 10 min into final flow period. Pulled 60,000# over string weight to free pipe. DW: 3956. CW: 91,811. DD 12.
- 07/06/83 5300' (63'), RIH w/ DP & DC. Lm & sh. TD 7-7/8" hole @ 2:30 PM 7/5/83. RU GO. Started logging @ 10:30 PM 7/5/83. Finished logging @ 1:45 AM 7/6/83. 3/4" @ 5300'. DW: 13,746. CW: 105,557. DD 13.
- 07/07/83 5300' (0'), RU Dowell. Ran 4-1/2" guide shoe (1.10'), 1 jt 4-1/2", OD, 8rd, 10.5#, K-55, R-3, cond A csg (38.25'), 4-1/2" insert float w/ fillu attachment, 86 jts 4-1/2" d csg (3473.26'), 4-1/2" Pengo sleeve (3.86'), 44 jts 4-1/2" csg (1774.95'), cmtd w/ 250 sxs 50/50 poz w/ 5% salt 3/4" D-65. Dspl w/ 82 bbls 2% KCL. Full returns. BP to 2000#. Shoe held. PD @ 12:15 AM 7/7/83. Set slips. RR @ 1:15 AM 7/7/83. Shoe @ 5300'. Float @ 5260.65'. Sleeve @ 1783.53'. Drop from report until completion begins. DW: 8635. CW: 114,192. DD 14.
- 07/08/83 5260' PBTB, MIRUCT. RIH w/ 4-1/2" Pengo PR-3 pkr (7.1'), 2-3/8"x1-25/32" SSN (1.1'), 154 jts 2-3/8", OD, 8rd, J-55, R-3, cond A tbg (5077.8') to 5092'. Swab FL to 3650'. POOH w/ tbg to 4300'. RU McCullough. RIH w/ GR-CCL log from 5214-4250'. Lower tbg & set pkr @ 5092'. Perf 4-1/2" csg w/ 1-9/16" omega thru-tbg steel hollow carrier gun as follows: 5131-35', 5138-40', 5142-46', 2 JSPF, 26 holes. Made 2 swab runs. IFL @ 3650'. Tbg dry on second run. LOTPON. SDFD. DW: 71,584. CW: 185,776.
- 07/14/83 5260' PBTB, RU tbg swab. RIH w/ swab. IFL @ 4900'. Swab for 2 hrs. 2nd run dry. RU Dowell. Brk dn perms & treat w/ 1000 gal 2% KCL w/ additives. Dspl w/ 20 bbls 2% KCL. MTP 3000#, ATP 2500#. MIR 5 BPM, AIR 4 BPM. ISDP 1000#, 5 min 400#, 10 min 0#. Balled off to 3000#. RU & RIH w/ swab. IFL @ 100'. Swab for 5-1/2 hrs. LFL to 5000'. Made 2 RPH. Rec 24 BLW. No shows of oil or gas. BLWTBR 20. LOTPON. SDFN. DW: 3830. CW: 189,606.
- 07/15/83 5260' PBTB, IFL 3850' w/ tr oil first run. Swab 9 hrs. Lowered FL to 5050'. Rec 9 BW. Rec 50' fluid/run last 3 hrs. SDFN. BLWTBR 11. DW: 1700. CW: 191,306.

APR 1 8 1985

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WELL NAME:	Edsall "E" #5	PTD:	5300'
AREA:	SW Stockholm	ELEVATIONS:	3928' KB, 3918' GL
LOCATION:	Sec. 11, T16S-R43W	CONTRACTOR:	Kissinger
COUNTY:	Greeley	AFE NUMBER:	820961
STATE:	Kansas	LSE NUMBER:	93410
FOOTAGE:	1650' FNL, 1650' FEL	TXO WI:	75%

- 07/16/83 5260' PBTB, RIH w/ tbg swab. IFL @ 4300'. Made 2 runs. First run had 100' free oil. Rec 4 BF. Rel pkr & TOOH w/ tbg. RU Western & frac dn 4-1/2" csg w/ 30,000# 20/40 sd & 22,000 gal Apollo gel. MTP 3800#. ATP 3000#. MIR 15 BPM. AIR 12 BPM. ISDP 1900#, 15 min 1300#. SI well. SDFN. BLWTBR 610. DW: 22,964. CW: 214,270.
- 07/17/83 5260' PBTB, TIH w/ SSN & 2-3/8" tbg. Landed @ 5090'. RU swab & swab 9 hrs. IFL @ 300'. Rec 88 BF. All wtr. Lowered FL to 4600'. Av fluid entry rate @ 9.8 BFPH. LOTPON. SDFN. BLWTBR 522. DW: 2750. CW: 217,020.
- 07/18/83 5260' PBTB, SDFS. DW: 0. CW: 217,020.
- 07/19/83 5260' PBTB, RIH w/ 4 jts 2-3/8" tbg & tagged fill @ 5199'. POOH w/ 4 jts. SSN & 5086'. RU & swab 8 hrs. IFL @ 4200'. Lowered FL to 4300'. Rec 24.5 BF. All wtr. RIH & tag fill @ 5198'. POOH & set tbg @ 5086'. SI well. SDFN. BLWTBR 497.5. DW: 3350. CW: 220,370.
- 07/20/83 5260' PBTB, ran swab. IFL @ 3850'. Swab 11 hrs. FFL @ 4800'. Rec 30 BW (tr oil & slightly gas-cut). SI well. SDFN. BLWTBR 467.5. DW: 2240. CW: 222,610.
- 07/21/83 5260' PBTB, IFL 4000'. Swab 11 hrs. Rec 55 BW. FFL 4800'. Last run had 5% oil & was slightly gas-cut. BLWTBR 417.5. DW: 2240. CW: 224,850.
- 07/22/83 5260' PBTB, RIH w/ swab. IFL @ 4300'. Swab for 8 hrs. LFL to 4800'. Rec 30 BTF (5% oil decr to 2% oil). TOOH w/ 154 jts 2-3/8" tbg & 2-3/8"x1-25/32" SSN. SDFN. LOTPON. BLWTBR 387. DW: 2240. CW: 227,090.
- 07/23/83 5260' PBTB, PU & RIH w/ 2 jts 2-3/8" OD, 8rd, EUE, 4.7#, J-55, R-2, cond A tbg (65.91'), one 2-3/8" 8rd, EUE, J-55, perf nipple (3.10'), 2-3/8" x 1-25/32" SSN (1.10'), 3 jts 2-3/8" tbg (98.95'), one 4-1/2" x 2-3/8" model "B" Baker TAC w/ 25,000# shear (5.53') & 152 jts 2-3/8" tbg (5017.47'). Mud anchor @ 5186.44', SSN @ 5116.32'. Perf nipple @ 5117.42 to 5119.52'. Anchor catcher @ 5022.52' set w/ 18,000# tension. PU RIH w/ 1" x 10' gas anchor, 2"x1.5"x16' RWBC pump, one 2'x3/4" rod sub, 136 jts 3/4x25' plain rods, 67 - 7/8"x25' scraped rods, one 7/8"x4' scraped sub, one 1-1/4"x25' polish rod, one 1-1/2"x1-1/4"x10' liner. Seat pump 13" off btm. Released rig @ 5 PM 7/22/83. DW: 2040. CW: 224,650.
- 07/24/83 5260' PBTB, pumping equipment installed & started pumping @ 10:30 AM 7/23/83. 64" SL @ 9 SPM.
- 07/25/83 5260' PBTB, pumped 115 BF in 22 hrs. Well head grindout @ gauge time 60% oil. DW: 0. CW: 224,650.
- 07/26/83 5260' PBTB, pumped 65 BTF in 24 hrs. Wellhead grindout @ gauge time 4% oil, 96% wtr. DW: 0. CW: 224,650.
- 07/27/83 5260' PBTB, pumped 36 BW & 7 BO in 24 hrs. Wellhead grindout @ gauge time 6% oil. BLWTBR 224. DW: 0. CW: 224,650.
- 07/28/83 5260' PBTB, pumped 43 BW, 6 BO, 24 hrs. Well head grind out @ gauge time 8% oil, 92% wtr. BLWTBR 181. DW: 0. CW: 224,650.
- 07/29/83 5260' PBTB, pumped 0 BO & 0 BW. Rained dn 24 hrs. BLWTBR 181. DW: 0. CW: 224,650.

1985
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AREA:	SW Stockholm	CONTRASTIONS:	3928' KB, 3918' GL
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COUNTY:	Greeley	AFE NUMBER:	820961
STATE:	Kansas	LSE NUMBER:	93410
FOOTAGE:	1650' FNL, 1650' FEL	TXO WI:	75%

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07/30/83 5260' PBTD, pumped 4 BO, 40 BW, 24 hrs. BLWTBR 141.

07/31/83 5260' PBTD, pumped 4 BO, 16 BW, 24 hrs. BLWTBR 125.

08/01/83 5260' PBTD, pumped 8 BO, 40 BW, 24 hrs. BLWTBR 85.

08/02/83 5260' PBTD, pumped 4 BO, 16 BW, 24 hrs. BLWTBR 69.

08/03/83 5260' PBTD, pumped 2 BO, 18 BW, 24 hrs. BLWTBR 51.

08/04/83 5260' PBTD, pumped 2 BO, 18 BW, 24 hrs. BLWTBR 33.

08/05/83 5260' PBTD, pumped 2 BO, 8 BW, 16 hrs. BLWTBR 25.

08/06/83 5260' PBTD, pumped 8 BO, 20 BW, 24 hrs. BLWTBR 5.

08/07/83 5260' PBTD, pumped 8 BO, 20 BW, 24 hrs.

08/08/83 5260' PBTD, pumped 12 BO, 8 BW, 24 hrs.

08/09/83 5260' PBTD, pumped 16 BO, 12 BW, 24 hrs.

08/10/83 5260' PBTD, pumped 0 BO, 4 BW, 4 hrs. Engine down - started right up.

08/11/83 5260' PBTD, pumped 9 BO, 16 BW, 24 hrs. Grind out @ gauge time 20% oil. 5 day average: 10 BOPD, 16 BWPD. IP Morrow oil well. FINAL REPORT!!!

SEP 18 1985

Geological Survey
TA BRANCH

CHENEY TESTING COMPANY

P. O. BOX 3

HILL CITY, KANSAS 67642

State Geological Survey

WICHITA BRANCH

11-16-43w^P

DRILL-STEM TEST DATA

Company	Texas Oil & Gas	Test No.	1
Well Name & Number	Edsale "E" 5	Zone Tested	
Company Address	Denver, Co.	Date	7-4-83
Comp. Rep.	J. Damron	Tester	Richard Elliott
Contractor	Kissenger #3	Elevation	3928 K,B,
Location: Sec. 11 Twp. 16s Rge. 43w Co. Greeley State	KS.	Est. Feet of Pay	

Recorder No. 13636 Type AK-1 Range 6075 PSI

Recorder Depth 5145

(A) Initial Hydrostatic Mud 2429 PSI

(B) First Initial Flow Pressure 91 PSI

(C) First Final Flow Pressure 121 PSI

(D) Initial Closed-in Pressure 121 PSI

(E) Second Initial Flow Pressure 121 PSI

(F) Second Final Flow Pressure 121 PSI

(G) Final Closed-in Pressure --- PSI

(H) Final Hydrostatic Mud 2398 PSI

Temperature 121

Mud Weight 8.8 Viscosity 55

Fluid Loss 8.8

Interval Tested 5160-5180

Anchor Length 20

Top Packer Depth 5161

Bottom Packer Depth 5160

Total Depth 5180

Drill Pipe Size 4 1/2 X.H.

Wt. Pipe I. D. Ft. Run

Recovery—Total Feet 10

Recovered 10 Feet Of Mud

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment Sampler, 11 extra folders

Sampler: 2,000cc Mud

Temp-74.5

Res.-.365

Chlorides- 16,000 PPM

P.S.I.- 2#

Recorder No. 13637 Type AK-1 Range 6075 PSI

Recorder Depth 5177

Tool Open Before I. S. I. 30 Mins.

Initial Shut-in 30 Mins.

Flow Period 10 Mins.

Final Shut-in --- Mins.

Surface Choke Size 1"

Bottom Choke Size 3/4"

Main Hole Size 7 1/8"

Rubber Size 6 3/4"

Tool Open @ 2:40 p.m.

Blow 1st open: Weak for 15 min.

Remarks 2nd open: No blow.

Middle PPM 16,000

Temp.=74.5

Res.=.365

Mud pit: P.P.M.=14,000

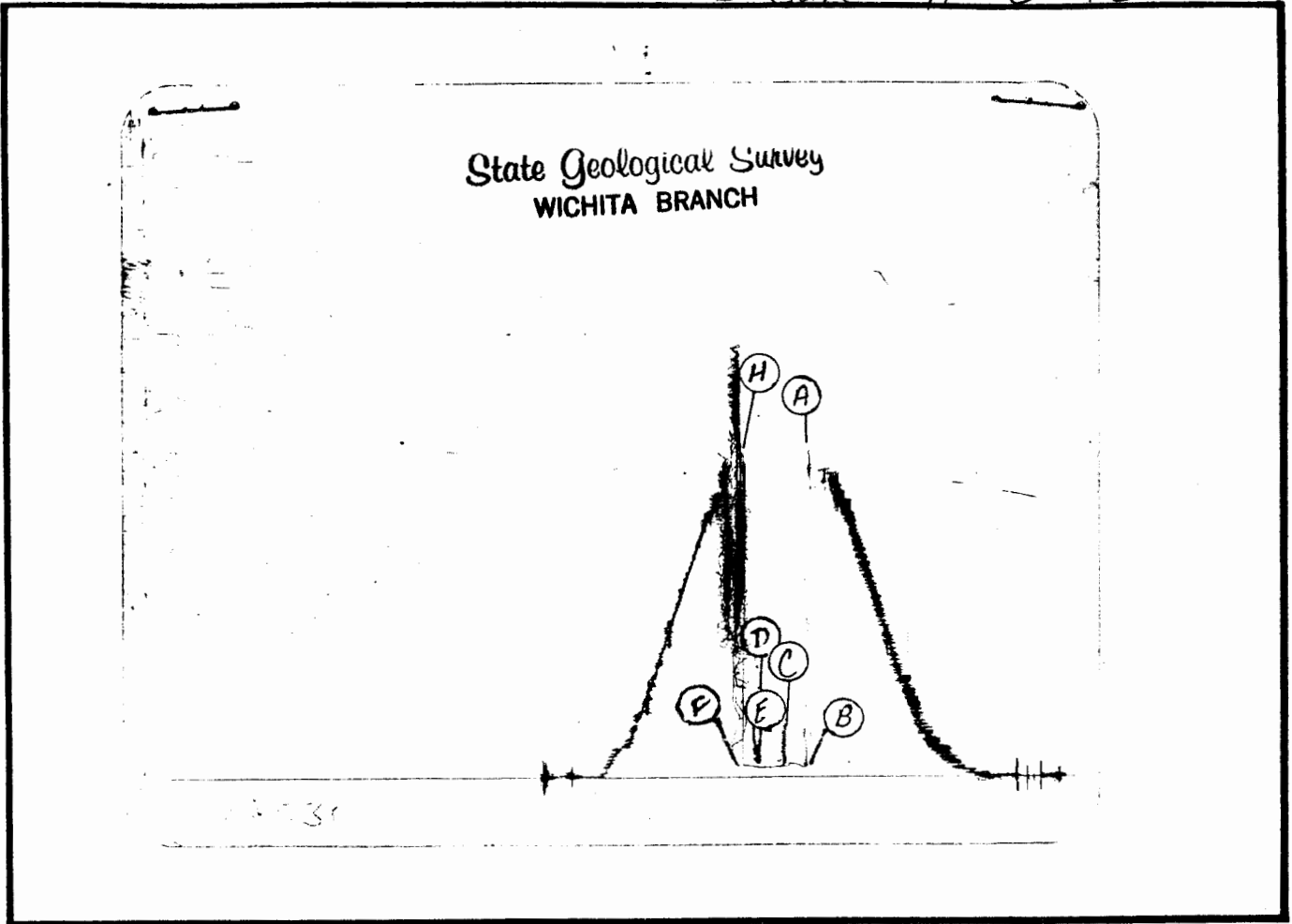
Temp= 80.1

R.W.=.256

Drill Collar I. D. Ft. Run

Price of Job \$1160.00

5'E Edsall 11-16-43w



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	2429	PSI
(B) First Initial Flow Pressure	91	PSI
(C) First Final Flow Pressure	121	PSI
(D) Initial Closed-in Pressure	121	PSI
(E) Second Initial Flow Pressure	121	PSI
(F) Second Final Flow Pressure	121	PSI
(G) Final Closed-in Pressure	---	PSI
(H) Final Hydrostatic Mud	2398	PSI

11-16-43w

CHENEY TESTING CO., INC.

BOTTOM HOLE SAMPLER

T-74.5 RES-0365

GAS		CC
OIL		CC
MUD	2000	CC
WATER		CC
OTHER		CC
P.P.M	16,000	
P.S.I	2	
TOTAL	2000	CC

COMPANY TEXAS OIL & GAS

LEASE Edco "E" 5

DST# 1 TRK# 7550