

BOWMAN & SCHULTE LTD.  
608 - 7TH STREET S.W.  
CALGARY 2, ALTA.

ID

810108

COUNT of BOW C.S.

Project: <sup>ENJOIND</sup> BONUS	Oper: MT	Array: 3	Line No: ROAD
Client: ATLAS EXPLOR.	Date: APRIL 20	Spacing: 200' 400'	Nom. Const.: 766 1532

St'n	Va	I	VP Scale	VP Dial	VP	RDG.	Scale	M	RO	L	Rp	Comments
16W <sub>400</sub>	1.85	600	100	2.25	225	54/4	x1	13.5	185	5.5	4	
17W <sub>200</sub>	—	—	100	2.75	275	MR		—	115	—	4	
14 <sub>400</sub>	1.82	600	100	2.3	230	33/4		8.2	190	1.75	4	C-11625
15 <sub>200</sub>	1.82	600	100	2.35	235	44/4		11.0	100	4.75	4	
12 <sub>400</sub>	1.33	420	100	1.5	150	12/4		3.0	170	2.5	4	
13 <sub>200</sub>	1.33	420	100	2.0	200	35/4		8.8	115	2.75	4	
10 <sub>400</sub>	1.58	400	100	1.9	190	25/4		6.2	180	6.0	4	
11W <sub>200</sub>	1.58	400	100	2.15	215	4/4		1.0	105	0.5	4	
8 <sub>400</sub>	1.64	400	100	2.0	200	33/4		8.2	190	5.2	4	
9 <sub>200</sub>	1.64	400	100	2.4	245	22/4		5.5	115	4.0	4	
6 <sub>400</sub>	1.12	430	100	1.25	125	32/4	x.3	2.2	170	17.0	4	
7 <sub>200</sub>	1.12	430	100	1.35	135	16/4		4.0	125	2.3	4	

# SEIGEL ASSOCIATES LTD. - INDUCED POLARIZATION SURVEY

Project: <i>EM 1170</i>			Oper: <i>F-B</i>				Array: <i>3</i>			Line No: <i>2011</i>		
Client: <i>7-291 EXPL</i>			Date: <i>1-5-70</i>				Spacing: <i>200 400</i>			Nom. Const.: <i>766 1533</i>		
St'n	Va	I	VP Scale	VP Dial	VP	RDG.	Scale	M	RO	L	Rp	Comments
<i>8</i>	<i>1.45</i>	<i>420</i>	<i>100</i>	<i>2.7</i>	<i>270</i>	<i>2/4 x 1</i>		<i>0.5</i>	<i>225</i>	<i>0.5</i>	<i>4</i>	
<i>7</i>	<i>1.45</i>	<i>420</i>	<i>300</i>	<i>1.6</i>	<i>420</i>	<i>55/4 x 1</i>		<i>13.8</i>	<i>255</i>	<i>13.0</i>	<i>4</i>	
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WEST  
S-B

## SEIGEL ASSOCIATES LTD. - INDUCED POLARIZATION SURVEY

Project: ENDRAD ROADS-CLD		Oper: F-B		Array: 3		Line No: ROAD						
Client: ATLAS EXPL		Date: 2-5-70		Spacing: 600'		Nom. Const.: 229P						
St'n	Va	I	VP Scale	VP Dial	VP	RDG.	Scale	M	RO	L	Rp	Comments
5E	1.14	410	100	2.6	260	<del>48</del> 4	x1	12.	385	10.2	4	1 2 3 4 5 6 7 8 9 10 11 12
3	1.48	500	100	2.5	250	<del>53</del> 4		13.2	325	12.0	4	
1E	1.50	410	100	2.9	290	<del>54</del> 4		13.5	440	12.2	4	
1W	1.35	390	100	1.7	170	<del>72</del> 4		18.0	270	13.0	4	
3W	1.35	420	100	1.35	135	<del>73</del> 4		18.2	230	12.0	4	
5	1.20	430	100	1.1	110	<del>70</del> 4	↓	19.5	210	12.5	4	
7	1.62	500	100	1.65	165	<del>36</del> 4	x3	27.0	235	18.0	4	
9	1.58	400	100	1.75	175	<del>59</del> 4	x1	14.5	255	11.2	4	
11	1.30	420	100	1.4	140	<del>40</del> 4		10.0	245	3.8	4	
13	1.33	420	100	1.6	160	<del>10</del> 4		2.5	275	3.0	4	
15	1.23	430	100	1.6	160	<del>12</del> 4	↓	3.0	300	1.0	4	

# SEIGEL ASSOCIATES LTD. - INDUCED POLARIZATION SURVEY

Project: <u>EX-110</u>	Oper: <u>F. E.</u>	Array: <u>3</u>	Line No: <u>1043</u> <u>CONT. CL. 11</u>
Client: <u>WDS EX-41</u>	Date: <u>30-4-70</u>	Spacing: <u>9001</u>	Norm. Const.: <u>3447</u>

St'n	Va	I	VP Scale	VP Dial	VP	RDG.	Scale	M	RO	L	Rp	Comments
4/6.5	2.38	1250	100	2.0	700	<del>254</del>	X	6.5	205		4	
10.5	1.82	1490	100	1.3	720	<del>221</del>	X	5.5	245		4	
11/6.5	2.85	1300	100	2.9	790	<del>174</del>	X	4.8	305		4	
1.5	3.65	1000	300	1.7	510	<del>154</del>	X	3.8	225		5	
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CURRENT DATA



## SEIGEL ASSOCIATES LTD. - INDUCED POLARIZATION SURVEY

Project: ENARKO		Oper: F-B		Array: 3		Line No: ROAD COUNT 0101						
Client: ATLUS EXPL.		Date: 30-4-70		Spacing: 600'		Nom. Const.: 2278						
St'n	Va	I'	VP Scale	VP Dial	VP	RDG.	Scale	M	RO	L	Rp	Comments
2 S	1.78	320	100	3.3	330	18 4	< 1	4.5	426		4	
4+00	1.75	1000	100	3.15	315	23 4		5.2	415		4	
3 N	2.142	780	100	1.6	160	24 4		6.0	108		4	
6 N	4.15	1500	100	1.0	400	28 4		7.0	230		4	
9 N	4.26	1500	100	3.65	365	22 4		6.0	193		4	
12 N	4.2	1300	100	3.45	345	25 4		6.2	139		4	
15 N	2.40	1300	100	2.75	275	29 4		7.2	186		4	
18 N	2.45	1320	100	2.2	220	27 4		6.8	147		4	

CORRECTED BY 2807/1

## SEIGEL ASSOCIATES LTD. - INDUCED POLARIZATION SURVEY

Project:		Oper:		Array:		Line No:							
Client:		Date:		Spacing:		Nom. Const.:							
St'n	Va	I	VP Scale	VP Dial	VP	RDG.	Scale	M	RO	L	Rp	Comments	
W 4	4	1.32	420	100	1.2	130	<del>28</del> 4	X 3	21.0	140	12.5	4	G-1
5	2	1.32	420	100	1.9	190	<del>75</del> 4	X 1	18.8	110	12.8	4	
3	4	1.50	410	100	1.35	135	<del>63</del> 4	X 1	15.6	140	8.5	4	
W 3	2	1.50	410	100	1.75	175	<del>50</del> 4	1	12.5	90	7.2	4	
HDD	4	1.50	410	100	2.1	210	<del>28</del> 4		7.0	215	5.5	4	
W 1	2	1.50	410	100	1.65	165	<del>23</del> 4		6.2	85	3.0	4	
E 2	4	1.45	420	100	2.2	220	<del>35</del> 4		2.8	230	7.2	4	
E 1	2	1.45	420	100	1.30	180	<del>13</del> 0		3.2	95	1.8	4	
4	0	1.52	410	100	2.3	230	<del>63</del> 4		15.8	230	13.3	4	
3	2	1.52	410	100	2.6	260	<del>8</del> 4		2.0	130	1.5	4	
6	4	1.50	410	100	3.0	300	<del>46</del> 4		11.5	305	10.2	4	
E 5	2	1.50	410	100	2.0	300	<del>20</del> 4	∇	6.0	150	5.5	4	



## SEIGEL ASSOCIATES LTD. - INDUCED POLARIZATION SURVEY

Project: <sup>EN12413 -</sup> BOUSS			Oper: MT.				Array: 3			Line No: ROAD		
Client: ATLAS EXPL.			Date: APRIL 70				Spacing: 800'			Nom. Const.: 3064		
St'n	Va	I	VP Scale	VP Dial	VP	RDG.	Scale	M	RO	L	Rp	Comments
14 W	1.24	410	100	1.55	155	<del>25</del> 4	x1	6.2	325	1.5	4	
10 W	1.35	410	100	1.25	125	<del>84</del> 4		7.0	285	10.5	4	:
6 W	1.60	400	100	1.55	155	<del>80</del> 4		20.0	300	13.0	4	
2 W	1.42	400	100	1.90	190	<del>92</del> 4		23.0	410	17.0	4	
2 E	1.47	400	100	2.15	215	<del>62</del> 4	∇	15.5	450	13.5	4	

C - West.



## SEIGEL ASSOCIATES LTD. - INDUCED POLARIZATION SURVEY

Project: ENLAKO		Oper: C. Z.		Array: 3			Line No: 1105					
Client: ATLAS EXPL.		Date: 3.5.70		Spacing: 200' 400'			Nom. Const.: 760 1.32					
St'n	Va	I	VP Scale	VP Dial	VP	RDG.	Scale	M	RO	L	Rp	Comments
1	1.15	1600	2.75	300	825	29/4	X1	6.0	550	6.0	4	
2	1.15	1600	1.10	300	330	25/4		6.2	440	5.5	4	
3	1.75	1500	2.70	300	810	20/4		5.0	355	5.0	5	
4	1.75	1500	1.70	300	510	23/4		5.8	445	5.2	5	
5	1.05	1550	1.65	300	475	22/4		5.5	360	5.2	9	
6	1.05	1550	1.10	300	330	23/4		5.0	480	5.0	9	
7	0.80	2100	1.30	300	390	21/4		5.2	370	4.8	4	
8	0.80	2100	2.10	100	210	22/4		5.5	400	5.2	5	
9	1.15	2050	2.55	300	765	23/4		5.8	510	5.2	4	
10	1.15	2050	1.30	300	390	24/4		6.0	520	5.4	4	
11	1.25	2050	3.00	300	900	23/4		5.8	550	5.8	4	
12	1.25	2050	2.00	300	600	22/4		6.8	735	6.5	11	

## SEIGEL ASSOCIATES LTD. - INDUCED POLARIZATION SURVEY

Project: ENDPHO		Oper: C. Z.		Array: 3		Line No: 115							
Client: HTLPL EXPL.		Date: 3.5.70		Spacing: 200' 400'		Nom. Const.: 75							
St'n	Va	I	VP Scale	VP Dial	VP	RDG.	Scale	M	RO	L	Rp	Comment	
25	2	0.85	2100	1.90	300	570	44/4	X 1	12.2	515	12.0	7	
26	4	0.85	2100	1.20	300	360	58/4		14.5	650	14.2	6	
27	2	0.95	2050	2.30	300	690	51/4		14.2	555	13.8	6	!
28	4	0.95	2050	1.15	300	345	65/4		16.8	555	15.8	5	*
29	2	1.15	2050	2.00	300	600	55/4		13.8	400	13.0	5	'
30	4	1.15	2050	1.25	300	725	66/4	∇	16.5	500	15.5	6	
31	2	1.05	2050	1.90	300	570	51/4		14.2	425	13.8	4	!
32	4	1.05	2050	1.00	300	300	65/4		16.2	420	15.1	5	
33	2	1.40	1000	2.05	300	615	57/4		14.2	335	13.8	4	⊕
34	4	1.40	1000	1.30	300	390	65/4		16.2	425	15.2	5	
35	2	1.45	1000	2.40	300	720	51/4		12.8	495	12.8	4	
36	4	1.45	1000	1.25	300	375	65/4		15.8	395	15.0	5	

## SEIGEL ASSOCIATES LTD. - INDUCED POLARIZATION SURVEY

Project: EN7110		Oper: C. Z		Array: 3		Line No: WEST							
Client: ATLAS EXPL.		Date: 3.5.70		Spacing: 200' 400'		Nom. Const.: 756 1533							
St'n	Va	I	VP Scale	VP Dial	VP	RDG.	Scale	M	RO	L	Rp	Comments	
13	2	1.50	1000	3.95	300	11.85	21/4	X1	5.2	605	5.1	4	
14	4	1.50	1000	1.90	300	570	27/4	X1	6.6	580	6.2	4	
15	2	0.95	1550	2.10	300	620	33/4	X1	8.2	510	8.0	6	
16	4	0.95	1550	1.00	300	300	33/4		5.8	485	5.4	6	
17	2	0.80	2100	1.15	300	345	36/4		8.0	330	8.0	4	
18	4	0.80	2100	2.30	100	230	29/4		7.2	440	6.5	6	
19	2	1.45	400	2.35	300	705	31/4		7.8	370	7.8	4	
20	4	1.45	400	1.55	300	465	45/4		11.2	490	11.0	4	
21	2	1.00	1050	1.60	300	480	43/4		10.8	370	10.5	5	
22	4	1.00	1050	1.30	300	390	51/4		12.2	600	12.0	6	
23	2	1.15	1500	2.90	300	870	52/4		4.5	580	12.2	6	
24	4	1.15	1500	1.60	300	480	49/4		12.2	640	11.5	6	

C. Z - NOV 71

## SEIGEL ASSOCIATES LTD. - INDUCED POLARIZATION SURVEY

Project: EMDR 100		Oper: F.B.		Array: 3			Line No: 10003 000176493					
Client: ATLANTIC EYFL		Date: 30-11-77		Spacing: 100'			Nom. Const.: 333					
St'n	Va	I	VP Scale	VP Dial	VP	RDG.	Scale	M	RO	L	Rp	Comments
5.25	1.42	1450	300	1.3	540	<del>23</del>	X1	12.2	150		4	CAMPAIGN 10077
6.75	2.32	1400	300	2.7	810	<del>40</del>		12.0	140		4	
8.25	2.95	1300	300	3.7	1110	<del>47</del>		11.5	150		4	
9.75	1.40	1260	300	2.2	660	<del>47</del>		12.0	130		4	
11.25	3.10	780	300	3.9	1170	<del>23</del>		10.8	125		4	
12.75	2.12	260	1K	1.39	1390	<del>30</del>		9.5	230		4	
14.25	2.50	800	1K	1.0	1000	<del>24</del>		7.2	155		4	
15.75	1.98	900	300	2.0	600	<del>22</del>		5.5	115		4	
17.25	1.85	920	300	1.7	510	<del>20</del>		6.0	105		4	
18.75	1.67	940	300	1.1	330	<del>23</del>		5.8	75		4	
20.25	2.13	780	300	1.2	300	<del>20</del>		5.0	55		4	

## SEIGEL ASSOCIATES LTD. - INDUCED POLARIZATION SURVEY

Project: E1550		Oper: F B		Array: 2		Line No: 202 202-0						
Client: 202-2		Date: 30-4-70		Spacing: 300'		Nom. Const.: 1149						
St'n	Va	I	VP Scale	VP Dial	VP	RDG.	Scale	M	RO	L*	Rp	Comments
N 12.5	1.93	970	100	1.8	180	25/4		6.2	104	5.5	4	
1 12.0	1.45	1520	100	1.3	130	25/4		6.2	143		4	
1 16.5	2.12	920	100	2.7	270	29/4		7.2	117		4	
1 15.0	2.02	960	100	2.9	300	32/4		6.5	222		4	
1 13.5	1.95	1470	200	1.6	240	42/4		10.5	147		4	
1 12.0	2.13	900	300	1.8	300	40/4		11.2	111		4	
1 10.5	1.43	830	300	1.35	405	40/4		10.0	192		4	
1 9.0	1.77	960	300	1.0	300	35/4		9.5	200		4	
1 8.5	1.75	1420	100	3.0	300	33/4		8.2	197		4	
N 6.0	2.04	1470	100	2.7	370	32/4		8.0	208		4	
45	1.25	1500	100	2.5	230	34/4		8.5	211		4	
3.0	1.52	1980	100	1.9	180	32/4		8.0	105		4	