

DIAMOND DRILLING



41105NE0022 0017C1 DRURY

010

TOWNSHIP: Drury

REPORT No.: 33

WORK PERFORMED BY: Acme Gas & Oil Ltd.

<u>CLAIM No.</u>	<u>HOLE No.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
XXXXXXXX	XXXXXX	XXXXXX	XXXXXX	
XXXXXXXX	XXXXXX	XXXXXX	XXXXXX	
S.139445	68-2	1269'	July/68	
	68-3	268'	Aug/68	
	68 ^A -5	737'	Sept/68	
	68 ^A -9	435'	Nov/68	

TOTAL: 4 DM 2709 FT

NOTES:

DIAMOND DRILL RECORD, HOLE NO. 68-2

PROPERTY Acme Gas & Oil Limited

LOCATION : NE 1/4 S 1/2 Lot 12 Con. V Drury Township Claim 139445

SHEET NUMBER _____ **SECTION FROM** _____ **TO** _____ **STARTED** 5 July, 1968

LATITUDE 500' East and 500' South of #4 Post **DATUM** _____ **COMPLETED** 1st August, 1968

DEPARTURE Line 20 + OCE 13 + OON _____ **BEARING** _____ **ULTIMATE DEPTH** _____

ELEVATION _____ **DIP** Collar - 70° _____ **PROPOSED DEPTH** _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	VALUES			
						GOLD AT	AT	AT	AT
0 - 30	CASING								
30 - 87	METAPELITE Sericitic Chloritic dark grey green black thin bedded 20° - 30°/core) some crenulation - contains 1° - 3° of quartz lenses 1/2"-2" wide conformable to bedding Sections show development of light coloured phencripts)								
87 - 100	QUARTZITE white sharp contact - 30°/core)								
100 - 115	METAPELITE Black Chloritic bedding - 20°/core)								
115 - 218	QUARTZITE green sericitic indistinct bedding 20°/core 150-175/LOST CORE)								
218 - 255	ARGILLITE black thin bedded - 20°/core 2 x B.G. in spots)								
255 - 292	ARGILLITE increase in quartz grading into GREYWACKE into QUARTZITE)								
292 - 321	QUARTZITE green sericitic contains 1/2" white qtz veins and narrow bands of gritty (1/8") quartz grains contains narrow dark impure sections)								
321 - 385	GREYWACKE sharp contact - 20°/core banded black & white - 20°/core - 30°/core) minor brecciation - small amount pyrite present)								
	360-385 greywacke approaching grit - grading into conglomerate 1/2" dia. qtz., pebbles in dark matrix)								
	372 - 378 interbedded quartzite white & black argillite - 45°/core)								
385 - 441	CONGLOMERATE Polymictic dark matrix)								
441 - 475	SLATE black bedding massive - 45°/core)								
475 - 635	GRADATIONAL CHANGE TO THIN BEDDED ALTERED SEDIMENTS - 45°/core Metapelite black and white banded appearance include narrow (6") sections of impure unaltered quartzite in part bedding more massive less altered approaching sub greywacke 610 - 625 some brecciation possible faulting)								
635 - 671	QUARTZITE sharp contact grey flesh-coloured broken blocky 625 badly broken calcite veinlets 5° - 15°/core)								
671 - 693	GRITTY GREYWACKE scattered qtz. pebbles to 1/2" in dark matrix 691-3 LOST CORE)								
693 - 835	CHANGE IN FEW FEET to thin bedded altered greywack - 45°/core dark grey soft probably in part argillaceous 701-2; 706-7 - LOST CORE)								

NORTHERN MINER FORM 05

DRILLED BY _____

SIGNED _____

L. J. Cunningham, B.Sc., P. Eng.,
Mining Engineer

DIAMOND DRILL RECORD, HOLE NO. 68-2

PROPERTY Acme Gas & Oil Limited
 Drury Township Claim 139445

SHEET NUMBER _____ SECTION FROM _____ TO _____ STARTED July, 1968

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

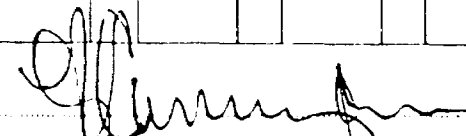
ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	VALUES				
						GOLD				
						AT	AT	AT	AT	
	740 - 770 Badly broken - 20% LOST CORE Possible faulting pieces of core show feldspathic alteration pinkish and brown includes sections of grey metaleelite 790-795; 807-815; 810-827	- 20% LOST CORE								
335 - 882	METASEDIMENT dark green speckled appearance highly altered with narrow sections of black unaltered argillaceous greywack - 45°/core									
882 - 890	QUARTZITE CHANGE IN FEW FEET FROM GREYWACKE TO FELDSPATHIC (Pink) QUARTZITE fractured with white quartz introduced from 888-890						No radioactivity			
890 - 897	ARGILLACEOUS sediment soft black - 45 - 50°/core with irregular 1/16" calcite - quartz stringers becoming highly altered at 897									
897 - 1013	Mixture - GREYWACKE metasediment and bands of few inches or feet of quartzite 45°/core thin bedded 937-8; 941-942; LOST CORE 974-975									
1013-1022	QUARTZITE Sericitic scattered pebble to 1/2" dia. 2862	1013	1019	6'						
1022	SLATE soft dark grey colour in part greenish occasional 1/4" light coloured in part metamorphosed to schist and metapelite						hard bed			
1081 - 1101	QUARTZITE Sericitic includes sections of pebble conglomerate 1081-1085 Quartzite sericitic gritty no pebbles 5 x B.G.	2863	1081	1085	4'					
	1085-1087 Qtz pebble Cgl. Sericitic	2864	1085	1087	2'			R/A		
	1087-1089 Quartzite few pebbles	2865	1087	1089	2'			10 x B.G.		
	1089-1092 Qtz Pebble Cgl	2866	1089	1092	3'			5 x B.G.		
	1092-1093 Soft talcose sericitic argillite light green							5 x B.G.		
	1093-1096 Qtz pebble cgl highly sericitic small pebble loosely packed	2867	1093	1096	3'			5 x B.G.		
	1096-1099 Qtz pebble cgl sericitic	2868	1096	1099	3'			3-5 x B.G.		
	1099-1101 " " " " gritty	2869	1099	1101	2'			3-5 x B.G.		
1101 - 1124	QUARTZITE white massive occasional white pebble becoming darker sericitic feldspathic							2 x B.G.		
1124 - 1131	" " " " " " " " " " " "									
1131-1144	QTZ PEBBLE CONGLOMERATE & CRIT radioactive							5-10 x B.G.		

NORTHERN MINER FORM 501

DRILLED BY: _____

SIGNED



L. J. Cunningham, B.Sc., P.Eng.

DIAMOND DRILL RECORD, HOLE NO. 68-2 PAGE THREE

PROPERTY Acme Gas & Oil Limited

SHEET NUMBER _____ Drury Township Claim 139445 SECTION FROM _____ TO _____ STARTED July, 1968

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	VALUES			
						GOLD AT	AT	AT	AT
1131-1134	QUARTZITE & QTZ PEBBLE CONGLOMERATE sericitic dark green	2870	1131	1134	3'	Ø			3-5 x B.G.
1134-1137	QTZ PEBBLE CONGLOMERATE dark green sericitic	2871	1134	1137	3'				5 - 10 x B.G.
1137-1140	QUARTZITE with some qtz pebble dark green "	2872	1137	1140	3'				5 x B.G.
1140-1144	QTZ PEBBLE CONGLOMERATE dark green "	2873	1140	1144	4'				5 x B.G.
1144-1151	ARGILLITE soft dark green sheared thin bedded + 45°/core								
1151-1158	Subgreywacke approaching quartzite occasional (1/2" dia.) qtz. pebble very low R/A								
1158-1196	Metasediments recrystallized green motly texture includes narrow (12-2") of unaltered argillite & slate - 50°/core								
1196-1212	Metasediment dark grey black soft indistinct bedding 45-50°/core pale grey green 1/8" crystals developed sparsely throughout the sections								
1216-1296	GRANITE dark grey coarse grained								
1296	END OF HOLE								
	Tests: 250° - 60° N 26° 30' E)								
	500 56 N 26 30 E)								Magnetic
	750 51 N 21 30 E)								readings
	1050 45 N 25 30 E)								

NORTHERN MINER FORM 501

DRILLED BY _____

SIGNED _____

L. J. Cunningham, B.Sc., P.Eng.,
Mining Engineer

PROPERTY ACME GAS & OIL CO., LIMITED

Claim 139445

HOLE No. 68-3

LOCATION: 675' South & 180' East of #4 Post

LATITUDE: Line 16E

STRIKE: N 19° E

PAGE No. 1

DEPARTURE: 10 + 60N

DIP: -55°

ELEVATION: _____

DATE DRILLED Aug. 3-20/68

CLAIM _____

PURPOSE: _____

FOOTAGE	DESCRIPTION	SAMPLE NO.	WIDTH	ASSAY VALUE
<p>0- 5 5-268</p> <p>268</p>	<p>CASING QUARTZITE - grey - thin bedded - (30° - 45°/core) occasional 1/4" argillite and green silty horizons to 1" wide. Occasional 1" - 2" pure Quartzite - grey to blue. 40' - 2 ft. LOST CORE 10-145 - considerable introduced (intruded) Quartz - white - conformable to bedding - 10% - 20% of core. After 150 contains narrow (6") sections of felds- pathic Quartzite. END OF HOLE - Abandoned due to sticking rods and bits in hole on two occasions.</p>			

DRILLED BY Bradley Bros. Limited

SIGNED _____

L. J. Cunningham
 L. J. Cunningham, B.Sc., P.Eng.

PROPERTY ACME GAS & OIL CO., LIMITED

#22

Claim 139445 200' South and 1000' East of #4 Post

HOLE NO. 68 A 5

LOCATION: Line 30E 15 + 90 N

LATITUDE: _____

STRIKE: N 19° E

PAGE NO. 1/2

DEPARTURE: _____

DIP: 55°

ELEVATION: _____

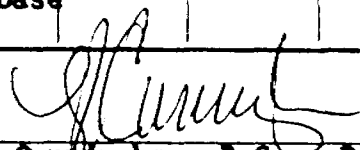
DATE DRILLED: September, 1968

CLAIM _____

PURPOSE: To test Granite Sedimentary Contact

FOOTAGE	DESCRIPTION	SAMPLE NO.	WIDTH	ASSAY VALUE
0- 15	CASING			
15- 50	METASEDIMENT green with white feldspar developed - recrystallized sediment schisting or bedding 45°/core narrow sections of white qtz. includes narrow sections of black to green argillite Background T1-1000-1500.			
50- 75	Generally thin bedded slate & argillite 45°/core dark green to grey.			
75-134	Becoming dark, thin bedded, harder approaching greywacke.			
134-139	GRIT white qtz. grains in buff coloured quartzite ground mass T1-1500-2000			
139-148	Dark grey greywacke			
148-150	Thin bedded crumpled slate argillite.			
150-	Dark GREYWACKE grading into quartzite at 170			
170-172	QUARTZITE brown buff coloured.			
172-185	Dark GREYWACKE thin bedded - 45°/core.			
185-207	METASEDIMENT recrystallized dark green speckled appearance green mineral developed bedding 45°/core.			
207-224	Change to green, fine grained slate contains minor amount introduced white qtz.			
	221-222 LOST CORE			
224-245	METASEDIMENT recrystallized dark green as 185-207			
245-270	Change to greywacke grading into slate about 270			
270-340	SLATE black grey thin bedded blocky 325-350 20% LOST CORE			
340-352	METASEDIMENT grey speckled recrystallized bedding 45°/core - 60°/core.			
352-417	METASEDIMENT highly altered, recrystallized no bedding light green, diabasic texture for short section 366-369 except 359-61 brown siliceous zone similar brown siliceous zone 6" at 394 and 400 sharp contact dike or bed? - 60°/core.			
417	8" Brown dike hard siliceous conformable with bedding			
418-427	SLATE thin bedded soft bedding 60° - 80°/core			
427-490	FAULT ZONE soft broken, gougy feldspathic alteration qtz. & feldspar & calcite introduced. 445-447 calcite stringers with wall rock inclusions 5° - 10°/core.			
490-567	METASEDIMENT - dark recrystallized thin bedded bedding @ 60°/core - 75°/core occasional short 6"-12" sections green fine grained metasediment			
567-691	Crystalline basic rock, altered metavolcanic recrystallized sediment or tuff dark green diabase texture.			

DRILLED BY Bradley Bros. Limited

SIGNED 
L. J. Cunningham, B.Sc., P.Eng.

Agnew Lake

LOCATION: _____

LATITUDE: _____

DEPARTURE: _____

ELEVATION: _____

STRIKE: _____

DIP: _____

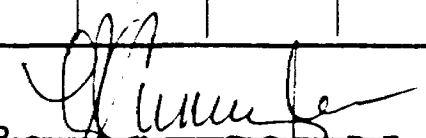
DATE DRILLED: September, 1968

CLAIM _____

PURPOSE: _____

FOOTAGE	DESCRIPTION	SAMPLE NO.	WIDTH	ASSAY VALUE
691-716	678-680 minor qtz. calcite 60°-70°/core. 602-629 numerous hematite fractures 1/8" to 1/4" 675-690 short 1"-6" section of granite dike Black fine grained thin bedded tuff or metasediment - 70°/core.			
716-737	GRANITE coarse grained			
737	END OF HOLE			
(Astronomic)				
TESTS TROPARI @ 250 - 41° - N - 13° E				
@ 400 45° - N - 10° E				
No further tests because of cave.				

DRILLED BY Bradley Bros. Limited

SIGNED 
L. J. Cunningham, B.Sc., P.Eng.

PROPERTY ACME GAS & OIL CO., LIMITED

68-A-9

LOCATION: L16E - 18N - 250 ft. East of #4 Post - 139445
 LATITUDE: _____ STRIKE: N19°E
 DEPARTURE: _____ DIP: -45°
 ELEVATION: _____ DATE DRILLED: November, 1968

HOLE NO. _____
 PAGE NO. 1
 CLAIM 139445

PURPOSE: To test quartzite next to granite.

FOOTAGE	DESCRIPTION	SAMPLE NO.	WIDTH	ASSAY VALUE
0- 72	CASING			
72- 83	Metavolcanic - dark green - foliated - crystalline - coarse green mineral ? developed			
83- 85	Meta sediment - dark green - soft - argillaceous - bedding 45°/core.			
85-138	Metavolcanic - as above - exhibiting shearing - 45°/core.			
138-313	Meta sediment - dark green to black - massive to 170 - bedding or shearing 45° - 60°/core - fine grained - some quartz stringers intruded at 163; 225, 236 around 170 becoming thin bedded colour varying black to grey to white - generally soft.			
313-315.5	Quartzite - grey - few small pebbles (1/2" dia) R/A - 2 x BG	75119	2.5	Trace
315.5-318	Quartzite - grey - few small pebbles (1/2" dia) R/A - 2 x BG	75120	2.5	0.01
318-320.5	Quartzite - grey - few small pebbles (1/2" dia) R/A - 2 x BG	75121	2.5	Trace
320.5-323	Quartzite - grey - few small pebbles (1/2" dia) R/A - 2 x BG	75122	2.5	Trace
323-325.5	Quartzite - grey - few small pebbles (1/2" dia) R/A - 2 x BG	75123	2.5	Trace
325.5-328	Quartzite - grey - few small pebbles (1/2" dia) R/A - 2 x BG	75124	2.5	Trace
328-330.5	Quartzite - dark - few small pebbles (1/2" dia) R/A - 3-4 x BG	75125	2.5	Trace
330.5-333	Quartzite - dark - few small pebbles (1/2" dia) R/A - 2 x BG	75126	2.5	Trace
333-344	Impure Quartzite - grey - hard.			
344-346.5	Quartzite grey - weakly R/A	75127	2.5	Trace
346.5-349	Quartzite grey - weakly R/A	75128	2.5	Trace
349-350	Quartzite grey - weakly R/A	75129	1.0	Trace
350-415	Metasediment - dark grey to black - bedded 60°/core.			
415-435	Granite - salmon colour - foliated - 45°/core.			
435	Enc of hole.			
	T120 Pari Tests			
	- 200 ft. - N18°E - 39°			
	- 400 ft. - N11°E - 29°			

DRILLED BY Bradley Bros. Limited

SIGNED _____

OFFICE OF MINING RECORDER

Area Code: 705
674-3151
Ext: 316



ONTARIO
DEPARTMENT OF MINES

SUDBURY MINING DIVISION

SUDBURY, ONTARIO

July 25, 1968



41105NE0022 0017C1 DRURY

900

Dr. J. F. Donovan,
Resident Geologist,
1349 Lasalle Blvd.,
Sudbury, Ontario.

Dear Sir ;

Please find enclosed drill logs and sketch of work performed on mining claim S.139445 (1426 feet) situate in the township of Drury.

Yours very truly,

At

K. Kostantin,
Acting Mining Recorder.

Acme Gas & Oil Ltd

416
1010

200 (1426') 1 claim

Distribution of Days as follows:

<u>Claim No.</u>	<u>Days</u>	<u>Claim No.</u>	<u>Days</u>	<u>Claim No.</u>	<u>Days</u>
S-134888	40	S-138839	40	S-139443	60
S-134889	51	S-138840	80	S-139444	60
S-134890	80	S-138841	80	S-139445	59
S-134891	40	S-138842	60	S-139446	60
S-135353	40	S-138843	59	S-139447	60
S-136371	80	S-138844	60	S-139448	60
S-136372	80	S-138845	60	S-140374	60
S-136377	40	S-139126	60	S-140375	60
S-136378	40	S-139127	60	S-140376	60
S-137385	40	S-139128	60	S-140377	60
S-137423	40	S-139129	60	S-140378	60
S-137424	40	S-139130	60	S-140379	60
S-137425	80	S-139131	60	S-140891	40
S-137426	80	S-139132	60	S-140892	40
S-137622	60	S-139133	60	S-140893	40
S-137623	80	S-139134	60	S-140894	58
S-138813	60	S-139404	60	S-149200	60
S-138814	59	S-139405	60	S-149201	60
S-138815	60	S-139406	60	S-149202	60
S-138816	59	S-139407	60	S-149203	60
S-138817	60	S-139408	60	S-149204	60
S-138818	59	S-139409	60	S-149205	60
S-138819	60	S-139410	60	S-149206	60
S-138820	60	S-139411	60	S-149207	60
S-138821	60	S-139412	60	S-149208	60
S-138822	60	S-139413	60	S-149209	60
S-138823	60	S-139414	60	S-149212	60
S-138824	60	S-139415	60	S-149213	60
S-138836	80	S-139416	60		
S-138837	80	S-139440	59		
S-138838	40	S-139441	60		
		S-139442	59		

<u>Hole No.</u>	<u>Footage</u>	<u>Angle</u>	<u>Diameter Of Core</u>	<u>Collar Location</u>		
68-2	282	-70°	AXT	S-139445	} - 1,014 feet filed previously	
68-3	268	-55°	AXT	S-139445		
68-5	737	55°	AXT	S-139445		
68-6	538	55°	AXT	S-139126		
68-8	967	-45°	AXT	S-138818		
68-9	435	-45°	AXT	S-139445 ¹⁴		
68-10	552	-45°	AXT	S-139413		
68-11	338	-45°	AXT	S-139413		
68-12	932	60°	AXT	S-139413		
68-13	352	-45°	AXT	S-139132		
<u>5,402</u> feet						

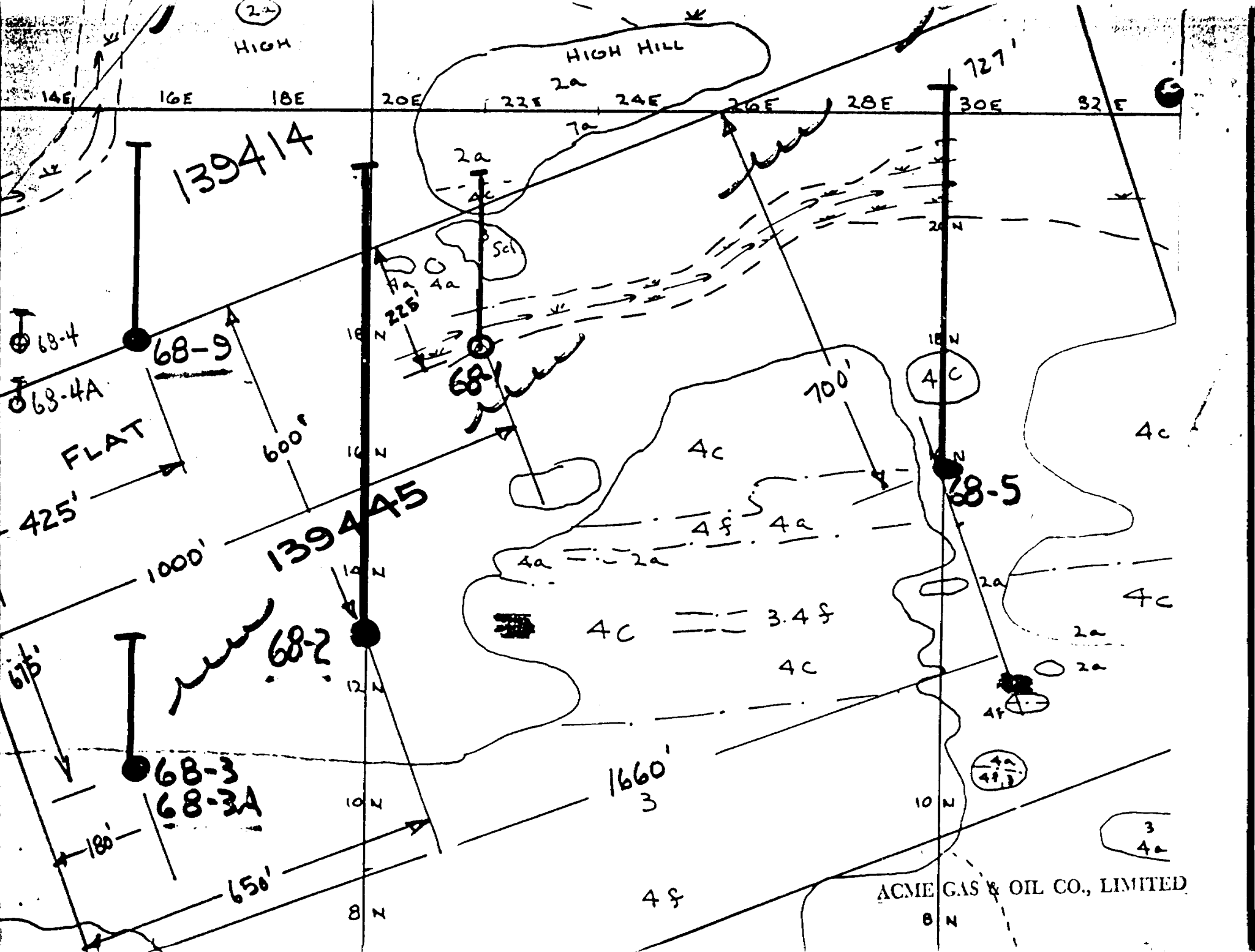
(22)
HIGH

HIGH HILL

139414

139445

727'



ACME GAS & OIL CO., LIMITED