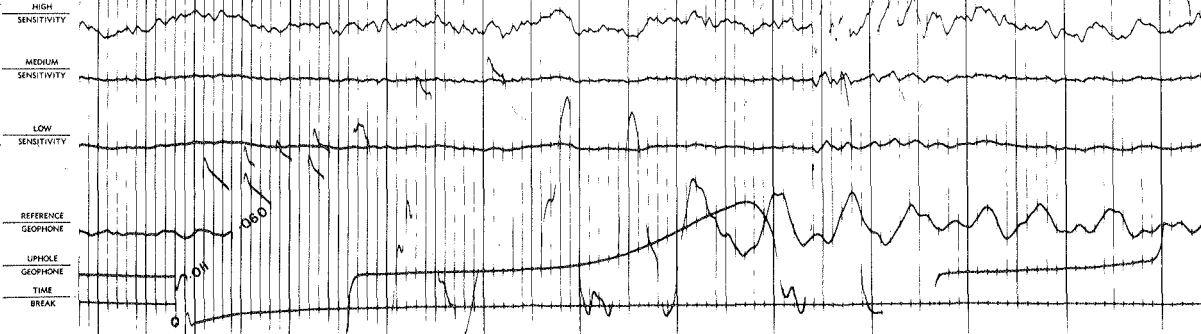


WELL VELOCITY DETERMINATION

WELL MAGELLAN TYLER N°1

Shot No. f  
Shot Hole No. 10  
Depth of Well Seismometer  
Below Kelly Bushing 11420'  
Below Datum 00ft. (A.S.L.) 616<sup>9</sup>  
Chg = 230 lbs Ds = 14'-60'

WELL GEOPHONE  
HIGH SENSITIVITY  
MEDIUM SENSITIVITY  
LOW SENSITIVITY  
REFERENCE GEOPHONE  
UPHOLE GEOPHONE  
TIME BREAK



WELL VELOCITY DETERMINATION

WELL MAGELLAN TYLER N°1

Shot No. g  
Shot Hole No. 9  
Depth of Well Seismometer  
Below Kelly Bushing 12405'  
Below Datum 00ft. (A.S.L.) 616<sup>9</sup>  
Chg = 220 lbs Ds = 16'-60'

WELL GEOPHONE  
HIGH SENSITIVITY  
MEDIUM SENSITIVITY  
LOW SENSITIVITY  
REFERENCE GEOPHONE  
UPHOLE GEOPHONE  
TIME BREAK



WELL VELOCITY DETERMINATION

WELL MAGELLAN TYLER N°1

Shot No. h  
Shot Hole No. 7 & 8  
Depth of Well Seismometer  
Below Kelly Bushing 12405  
Below Datum 00ft. (A.S.L.) 676<sup>5</sup>  
Chg = 290+160 lbs Ds = 6'-60' 6'-38'

WELL GEOPHONE  
HIGH SENSITIVITY  
MEDIUM SENSITIVITY  
LOW SENSITIVITY  
REFERENCE GEOPHONE  
UPHOLE GEOPHONE  
TIME BREAK

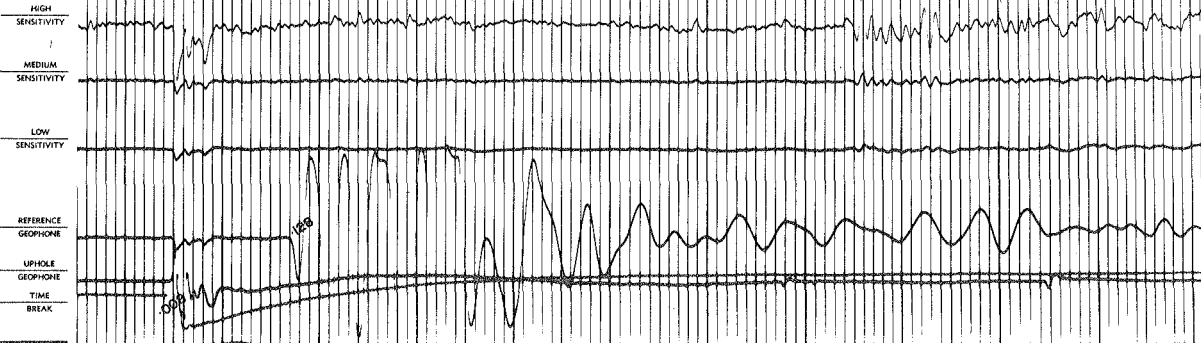


WELL VELOCITY DETERMINATION

WELL MAGELLAN TYLER N°1

Shot No. i  
Shot Hole No. G 7  
Depth of Well Seismometer  
Below Kelly Bushing 11600'  
Below Datum 00ft. (A.S.L.) 640<sup>6</sup>  
Chg = 3 x 250 lbs Ds = 1'

WELL GEOPHONE  
HIGH SENSITIVITY  
MEDIUM SENSITIVITY  
LOW SENSITIVITY  
REFERENCE GEOPHONE  
UPHOLE GEOPHONE  
TIME BREAK

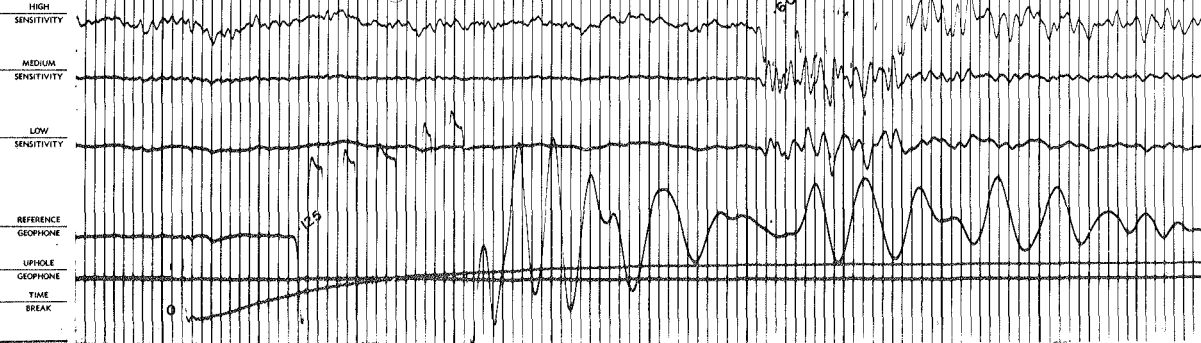


WELL VELOCITY DETERMINATION

WELL MAGELLAN TYLER N°1

Shot No. j  
Shot Hole No. 6 & 7  
Depth of Well Seismometer  
Below Kelly Bushing 10056'  
Below Datum 00ft. (A.S.L.) 5336  
Chg = 2 x 330 lbs Ds = 5'  
1 x 340 lbs

WELL GEOPHONE  
HIGH SENSITIVITY  
MEDIUM SENSITIVITY  
LOW SENSITIVITY  
REFERENCE GEOPHONE  
UPHOLE GEOPHONE  
TIME BREAK



WELL VELOCITY DETERMINATION

WELL MAGELLAN TYLER N°1

Shot No. a

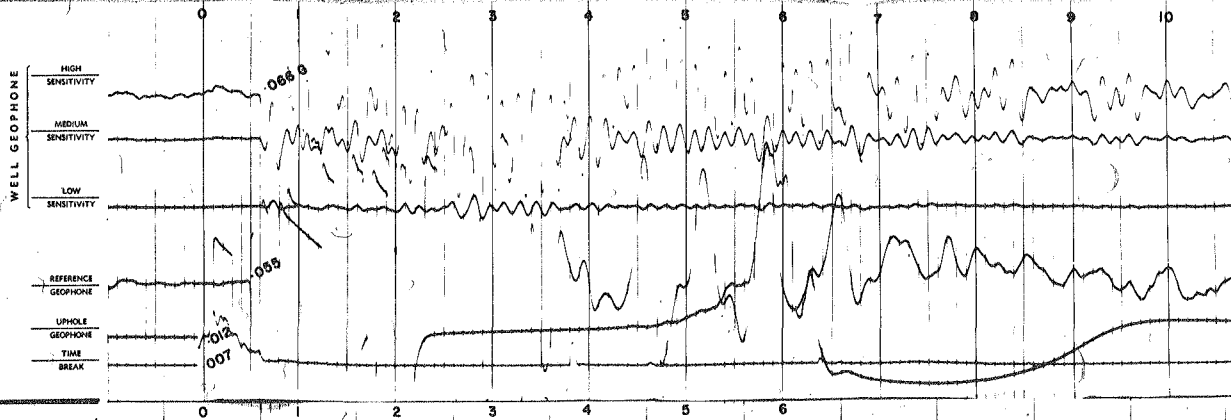
Shot Hole No. 1

Depth of Well Seismometer

Below Kelly Bushing 745'

Below Datum 00ft. (A.S.L.) 0

Chg = 40 lbs. Ds = 22'-30'



WELL VELOCITY DETERMINATION

WELL MAGELLAN TYLER N°1

Shot No. b

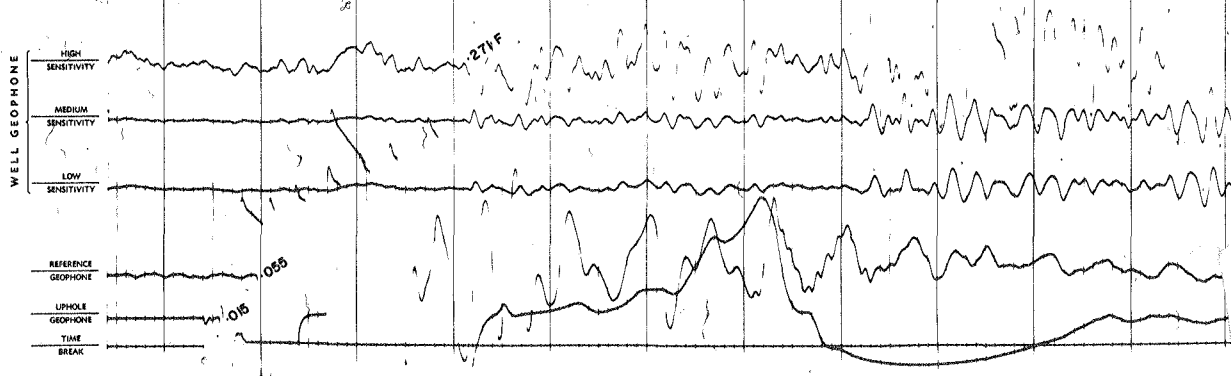
Shot Hole No. 1

Depth of Well Seismometer

Below Kelly Bushing 4350

Below Datum 00ft. (A.S.L.) 2189

Chg = 40 lbs Ds = 26'-36'



WELL VELOCITY DETERMINATION

WELL MAGELLAN TYLER N°1

Shot No. c

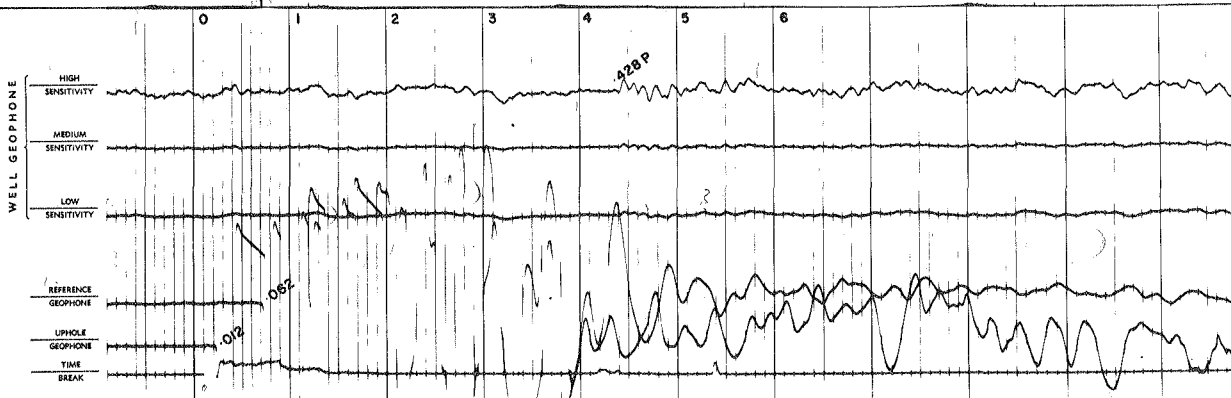
Shot Hole No. 2

Depth of Well Seismometer

Below Kelly Bushing 7290'

Below Datum 00ft. (A.S.L.) 3799

Chg = 150 lbs Ds = 30'-60'



WELL VELOCITY DETERMINATION

WELL MAGELLAN TYLER N°1

Shot No. d

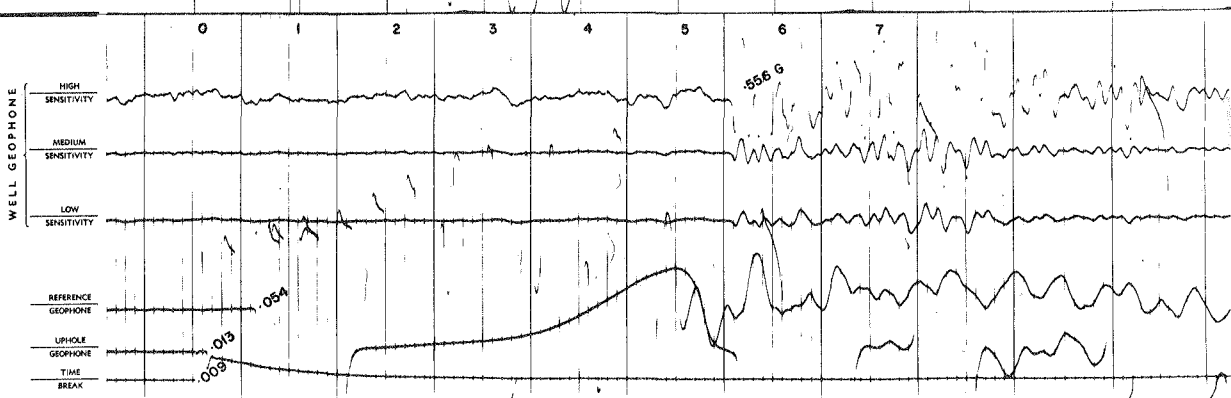
Shot Hole No. 3 & 4

Depth of Well Seismometer

Below Kelly Bushing 9610

Below Datum 00ft. (A.S.L.) 5084

Chg = 2 x 200 lbs Ds = 20'-60'



WELL VELOCITY DETERMINATION

WELL MAGELLAN TYLER N°1

Shot No. e

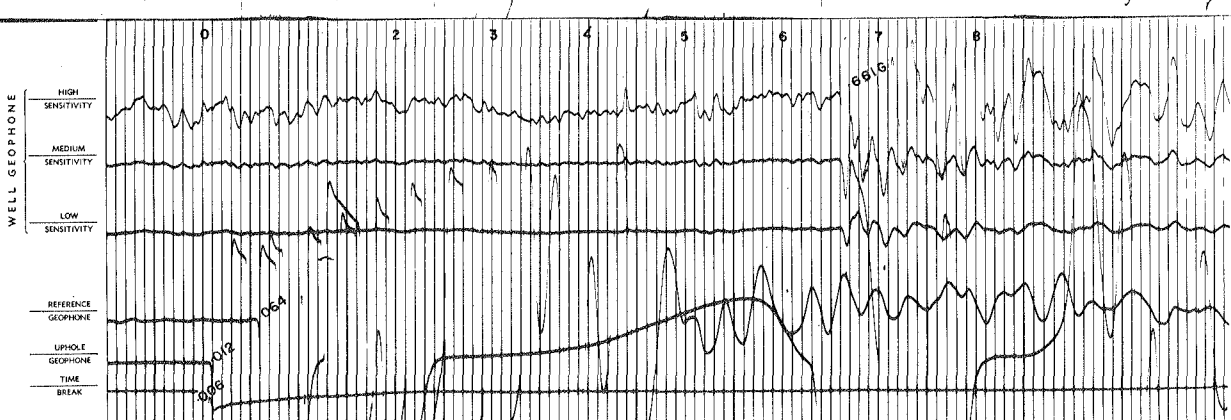
Shot Hole No. 5 & 6

Depth of Well Seismometer

Below Kelly Bushing 11420'

Below Datum 00ft. (A.S.L.) 6142

Chg = 2 x 200 lbs Ds = 20'-60'



COMPANY: MAGELLAN PETROLEUM (N.T.) Pty. Ltd. WELL: TYLER N°1

LOCATION: PARISH: COUNTY: LATITUDE: 23° 45' 23" S LONGITUDE: 132° 24' 45" E Datum = +1800

SHOT HOLE	ELEVATION	DISTANCE	SHOT HOLE	ELEVATION	DISTANCE	SHOT HOLE	ELEVATION	DISTANCE	SHOT HOLE	ELEVATION	DISTANCE	SHOT HOLE	ELEVATION	DISTANCE	SHOT HOLE	ELEVATION	DISTANCE	SHOT HOLE	ELEVATION	DISTANCE	SHOT HOLE	ELEVATION	DISTANCE	SHOT HOLE	ELEVATION	DISTANCE	ELEVATION	
1	2540	592	5	2543	809	9	2527	790																				
2	2543	810	6	2543	810	10	2527	785																				
3	2543	810	7	2543	812	67	2560	1542																				
4	2543	810	8	2543	812																							

KELLY BUSH = 2545'  
 ROTARY TBL  
 DERRICK FL  
 GROUND = 2528'

TUH	RECORD NO.	SHOT HOLE NO.	DGM	Tos	Tc	Ds	Δe	Dws	Δsd	Dgs	H	TAN I	Cos I	T	GRADE	Tgs	Δsd / Vd	Tgd	Dgd	ΔDgd	ΔTgd	VI INTERVAL VELOCITY	VA AVERAGE VELOCITY	
.012	a	1	745	.055	-0063	30	5	35	-710	710	592	.83380	.76805	.066	G	.0507	-044 <sup>4</sup>	0	DATUM					
	M	13	820	.062														.0056						
	L	12	2000	.062														(.0055)	75					
	B	2	3100	.081														.0786						
	C	3	4350	.082														(.0785)	1255	1255	.0785	15990	15990	
	G	2	3100	.081														.1464						
	C	3	4350	.082														(.1465)	2355	1100	.068	16180	16080	
.015	L	1	4350	.055	-004 <sup>2</sup>	36	5	41	-704	4309	740	.17173	.98558	.271	F	.267	-044	.218 <sup>9</sup>						
	D	4	5350	.099														(.2185)	3605	1250	.072	17360	16500	
	E	5	6360	.100														.274						
	K	11	7130	.127														(.274)	4605	1000	.055 <sup>5</sup>	18020	16810	
	K	11	7130	.127														.3306						
	K	11	7130	.127														(.3305)	5615	1010	.056 <sup>5</sup>	17880	16990	
	K	11	7130	.127														.371 <sup>3</sup>						
	K	11	7130	.127														(.3715)	6385	770	.041	18780	17190	
.012	C	2	7290	.062		60	2	62	-683	7228	1160	.16049	.98737	.428	P	.422 <sup>6</sup>	-042 <sup>7</sup>	.379 <sup>9</sup>						
	G	7	7300	.129														(.380)	6545	160	.008 <sup>5</sup>	18820	17220	
	H	8	8510	.129														.379 <sup>3</sup>						
	I	9	9605	.131														(.3795)	6555					
	I	9	9605	.131														.448 <sup>1</sup>						
	I	9	9605	.131														(.448)	7765	1220	.068	17940	17330	
	I	9	9605	.131														.511						
	I	9	9605	.131														(.510)	8860	1095	.062	17660	17370	
.013	d	34	9610	.064		60	2	62	-683	9548	1282	.13427	.99111	.556	G	.551 <sup>1</sup>	-042 <sup>7</sup>	.508 <sup>4</sup>						
	J	10	9800	.132														(.5085)	8865	195	.011	17230		
	J	10	9800	.132														.521 <sup>1</sup>						
	J	10	9800	.132														(.521)	9055					
	J	10	9800	.132														.533 <sup>6</sup>						
	J	10	9800	.132														(.5335)	9311	256	.012 <sup>5</sup>	20280	17450	
.012	e	546	11420	.064		60	2	62	-683	11358	1275	.11226	.99376	.661	G	.656 <sup>9</sup>	-042 <sup>7</sup>	.614 <sup>2</sup>						
.011	f	10	11420	.060		60	18	78	-667	11342	388	.03421	.99941	.659	G	.658 <sup>6</sup>	-041 <sup>7</sup>	.616 <sup>9</sup>						
	u	67	11600	.128		2	-15	-13	-758	11613	1932	.16637	.98644	.707	F	.697 <sup>4</sup>	-056 <sup>8</sup>	.640 <sup>6</sup>						
	u	67	11600	.128		2	-15	-13	-758	11613	1932	.16637	.98644	.707	F	.697 <sup>4</sup>	-056 <sup>8</sup>	.640 <sup>6</sup>						
	u	67	11600	.128		2	-15	-13	-758	11613	1932	.16637	.98644	.707	F	.697 <sup>4</sup>	-056 <sup>8</sup>	.640 <sup>6</sup>						
.009	h	748	12405	.062		60	2	62	-683	12343	1272	.10305	.99473	.723	F	.719 <sup>2</sup>	-042 <sup>7</sup>	.676 <sup>5</sup>						
.011	g	9	12405	.061		60	18	78	-667	12327	396	.03212	.99949	.719	P	.718 <sup>6</sup>	-041 <sup>7</sup>	.676 <sup>9</sup>						
	g	9	12405	.061		60	18	78	-667	12327	396	.03212	.99949	.719	P	.718 <sup>6</sup>	-041 <sup>7</sup>	.676 <sup>9</sup>						
	g	9	12405	.061		60	18	78	-667	12327	396	.03212	.99949	.719	P	.718 <sup>6</sup>	-041 <sup>7</sup>	.676 <sup>9</sup>						
	g	9	12405	.061		60	18	78	-667	12327	396	.03212	.99949	.719	P	.718 <sup>6</sup>	-041 <sup>7</sup>	.676 <sup>9</sup>						
	g	9	12405	.061		60	18	78	-667	12327	396	.03212	.99949	.719	P	.718 <sup>6</sup>	-041 <sup>7</sup>	.676 <sup>9</sup>						
	g	9	12405	.061		60	18	78	-667	12327	396	.03212	.99949	.719	P	.718 <sup>6</sup>	-041 <sup>7</sup>	.676 <sup>9</sup>						
	g	9	12405	.061		60	18	78	-667	12327	396	.03212	.99949	.719	P	.718 <sup>6</sup>	-041 <sup>7</sup>	.676 <sup>9</sup>						
	g	9	12405	.061		60	18	78	-667	12327	396	.03212	.99949	.719	P	.718 <sup>6</sup>	-041 <sup>7</sup>	.676 <sup>9</sup>						
	g	9	12405	.061		60	18	78	-667	12327	396	.03212	.99949	.719	P	.718 <sup>6</sup>	-041 <sup>7</sup>	.676 <sup>9</sup>						
	g	9	12405	.061		60	18	78	-667	12327	396	.03212	.99949	.719	P	.718 <sup>6</sup>	-041 <sup>7</sup>	.676 <sup>9</sup>						
	g	9	12405	.061		60	18	78	-667	12327	396	.03212	.99949	.719	P	.718 <sup>6</sup>	-041 <sup>7</sup>	.676 <sup>9</sup>						
	g	9	12405	.061		60	18	78	-667	12327	396	.03212	.99949	.719	P	.718 <sup>6</sup>	-041 <sup>7</sup>	.676 <sup>9</sup>						
	g	9	12405	.061		60	18	78	-667	12327	396	.03212	.99949	.719	P	.718 <sup>6</sup>	-041 <sup>7</sup>	.676 <sup>9</sup>						
	g	9	12405	.061		60	18	78	-667	12327	396	.03212	.99949	.719	P	.718 <sup>6</sup>	-041 <sup>7</sup>	.676 <sup>9</sup>						
	g	9	12405	.061		60	18	78	-667	12327	396	.03212	.99949	.719	P	.718 <sup>6</sup>	-041 <sup>7</sup>	.676 <sup>9</sup>						
	g	9	12405	.061		60	18	78	-667	12327	396	.03212	.99949	.719	P	.718 <sup>6</sup>	-041 <sup>7</sup>	.676 <sup>9</sup>						
	g	9	12405	.061		60	18	78	-667	12327	396	.03212	.99949	.719	P	.718 <sup>6</sup>	-041 <sup>7</sup>	.676 <sup>9</sup>						
	g	9	12405	.061		60	18	78	-667	12327	396	.03212	.99949	.719	P	.718 <sup>6</sup>	-041 <sup>7</sup>	.676 <sup>9</sup>						
	g	9	12405	.061		60	18	78	-667	12327	396	.03212	.99949	.719	P	.718 <sup>6</sup>	-041 <sup>7</sup>	.676 <sup>9</sup>						
	g	9	12405	.061		60	18	78	-667	12327	396	.03212	.99949	.719	P	.718 <sup>6</sup>	-041 <sup>7</sup>	.676 <sup>9</sup>						
	g	9	12405	.061		60	18	78	-667	12327	396	.03212	.99949	.719	P	.718 <sup>6</sup>	-041 <sup>7</sup>	.676 <sup>9</sup>						
	g	9	12405	.061		60	18	78	-667	12327	396	.03212	.99949	.719	P	.718 <sup>6</sup>	-041 <sup>7</sup>	.676 <sup>9</sup>						

SURVEY PLAT

VELOCITY SURVEY

MAGELLAN PETROLEUM (N.T.) Pty. Ltd.

TYLER N°1

BY

PARTY 141 UNITED GEOPHYSICAL CORP.

076

SCALE : 1 Inch = 200 feet

DATE : 23 June 1969

- 1. S 84° 00' E
- 2. S 86° 45' E
- 3. S 85° 30' E
- 4. S 84° 00' E
- 5. S 81° 30' E
- 6. S 80° 30' E
- 7. S 79° 00' E
- 8. S 77° 45' E
- 9. N 81° 30' W
- 10. N 82° 15' W
- G7 N 31° 00' E

9  
10



⊙ TYLER N°1

⊙ 1

- ⊙ 2
- ⊙ 3
- ⊙ 4
- ⊙ 5
- ⊙ 6
- ⊙ 7
- ⊙ 8

⊙ 9800'  
⊙ 7290'  
⊙ 4350'

HOLE DEVIATION 4350', 7290' AND 9800'

Fig. 3