

COMPLETION REPORT

N. G. Penrose, Inc.
Lockie B. Jones #1

660' from S & W Lines
Section 6-22S-38E
Elev. 3360'
T.D. 7205'

Spudded Aug. 7, 1945
Compl. Drlg. Oct. 29, 1945

CASING RECORD

<u>Size Hole</u>	<u>Size & Wt. Csg.</u>	<u>Depth Csg.</u>	<u>Sacks Cement</u>
17 $\frac{1}{4}$ "	13-3/8" - 48#	152'	155
12"	9-5/8" - 36#	2867'	1700
8-3/4"	7" - 23#	7200'	350

2" tubing at 7164' with Hook Wall Packer at 7008'

FORMATION RECORD

Top Anhydrite---- 1294'
Base Salt----- 2510'
Top Yates----- 2740'
Top San Andres--- 4090'
Top Glorietta---- 5285'
Top Clear Fork--- 5700'
Top Tubbs Zone--- 6225'

Pay Zone 7040'- 7170'

DRILL STEM TESTS

5285'-5377'. Tool open 1 hour and 45 minutes. Steady blow air throughout test. Recovered 150' of drilling mud.

6326'-6387'. Tool open 1 hour and 5 minutes. No blow of air or gas. Recovered 150' of drilling mud.

7040'-7123'. Tool open 1 hour and 25 minutes. Test failed. Recovered 150' of drilling mud.

7036'-7123'. Tool open 2 hours and 5 minutes. Gas to surface in 10 minutes gauged 3/4 million cubic feet. Recovered 5130' of oil and 90' of drilling mud. 15' shut in bottom hole pressure was 1200#. Flowing bottom hole pressure was 800#.

7133'-7192'. Tool open 2 hours. Gas to surface in 25 minutes. Recovered 360' of muddy oil and 30' of drilling mud. Bottom hole flowing pressure 200#. 10 minute shut in bottom hole pressure 350#.

S.L.M. 7123'-7133' by correction made at depth of 7182'.

COMPLETION PROCEDURE

Cemented 7" casing at 7200' with 350 sacks. Allowed cement 72 hours in which to set. Went in hole with bit on tubing and drilled cement out of casing to depth of 7165'. Circulated mud out of hole then came out with tubing. Gun-perforated casing with 4 shots per foot from 7040' to 7160'. Re-ran tubing with hook wall packer and swabbed well in. Flowed into pits estimated 10 barrels per hour.

Treated well through perforations in casing with 2000 gallons 20% acid. Maximum injection pressure on tubing was 1700# and minimum injection pressure was 1375#. Ran swab 8 times and well kicked off flowing into pits. After well had cleaned up, flow was turned into tanks and gauged 30 barrels of 37 gravity pipe line oil per hour.

Retreated well through perforations in casing with 2000 gallons 20% and 4000 gallons 15% acid. Maximum treating pressure on tubing was 750#. Swabbed well for 3 hours after which it kicked off flowing into pits.

Flowed on 1/2" tubing choke from 9 p.m. November 6th until 5 a.m. November 7th a total of 170 barrels pipe line oil. Shut well in until 10 a.m. November 8th then opened same on 1/2" tubing choke and flowed into auxiliary tank, without gauge, until 2:15 p.m., then gauged flow for 1/2 hour at rate of 31.2 barrels per hour. Pinched well in to 1/4" choke at 3 p.m.

On November 9th well flowed 380 barrels oil in 10 hours on 1/2" tubing choke. Shut well in November 10th and reopened on November 16th through 1/4" tubing choke. Well flowed at rate of 16 barrels oil per hour.

No well within a radius of 4 miles of #1 Jones is producing from that portion of the Basal Permian from which said well is producing.

Charles P. Miller, Geologist
Hobbs, New Mexico
November 18, 1945

N. G. Penrose, Inc.
 Jones #1
 C-SW $\frac{1}{4}$ SW $\frac{1}{4}$ 6-22S-38E
 Elev. 3360'

<u>Depth</u>	<u>Time</u>	<u>Remarks</u>	<u>Depth</u>	<u>Time</u>	<u>Remarks</u>
1150'-1160'	70 min.		1650'-60'	40 min.	
70	60		70	35	
80	50		80	60	
90	60		90	60	
1200	75		1700	75	
10	50		10	60	
20	45		20	50	
30	45		30	35	
40	40		40	70	
50	50		50	100	Trip 1748'
60	70		60	39	
70	70		70	23	
80	75		80	25	
90	70	Trip 1294'	90	23	
1300	85		1800	32	
10	80		10	60	
20	75		20	60	
30	70		30	45	
40	90		40	35	
50	105		50	35	
60	105		60	30	
70	100		70	30	
80	40		80	20	
90	20		90	45	
1400	40		1900	30	
10	45		10	20	
20	30		20	30	
30	50		30	20	
40	45		40	30	
50	25		50	45	
60	50		60	60	
70	25		70	50	
80	25		80	35	
90	25		90	50	
1500	20		2000	40	
10	20		10	40	
20	20		20	35	
30	20		30	25	
40	30		40	25	
50	20		50	30	
60	20		60	25	
70	20		70	20	
80	20		80	35	
90	40		90	22	
1600	35		2100	43	
10	50		10	30	
20	60		20	22	
30	50		30	40	
40	80		40	38	
50	80		50	45	

Time	Temp	Time	Temp
12:00	40	12:00	40
12:10	40	12:10	40
12:20	40	12:20	40
12:30	40	12:30	40
12:40	40	12:40	40
12:50	40	12:50	40
13:00	40	13:00	40
13:10	40	13:10	40
13:20	40	13:20	40
13:30	40	13:30	40
13:40	40	13:40	40
13:50	40	13:50	40
14:00	40	14:00	40
14:10	40	14:10	40
14:20	40	14:20	40
14:30	40	14:30	40
14:40	40	14:40	40
14:50	40	14:50	40
15:00	40	15:00	40
15:10	40	15:10	40
15:20	40	15:20	40
15:30	40	15:30	40
15:40	40	15:40	40
15:50	40	15:50	40
16:00	40	16:00	40
16:10	40	16:10	40
16:20	40	16:20	40
16:30	40	16:30	40
16:40	40	16:40	40
16:50	40	16:50	40
17:00	40	17:00	40
17:10	40	17:10	40
17:20	40	17:20	40
17:30	40	17:30	40
17:40	40	17:40	40
17:50	40	17:50	40
18:00	40	18:00	40
18:10	40	18:10	40
18:20	40	18:20	40
18:30	40	18:30	40
18:40	40	18:40	40
18:50	40	18:50	40
19:00	40	19:00	40
19:10	40	19:10	40
19:20	40	19:20	40
19:30	40	19:30	40
19:40	40	19:40	40
19:50	40	19:50	40
20:00	40	20:00	40
20:10	40	20:10	40
20:20	40	20:20	40
20:30	40	20:30	40
20:40	40	20:40	40
20:50	40	20:50	40
21:00	40	21:00	40
21:10	40	21:10	40
21:20	40	21:20	40
21:30	40	21:30	40
21:40	40	21:40	40
21:50	40	21:50	40
22:00	40	22:00	40
22:10	40	22:10	40
22:20	40	22:20	40
22:30	40	22:30	40
22:40	40	22:40	40
22:50	40	22:50	40
23:00	40	23:00	40
23:10	40	23:10	40
23:20	40	23:20	40
23:30	40	23:30	40
23:40	40	23:40	40
23:50	40	23:50	40
24:00	40	24:00	40

Jones #1. Drl'g. Time (Cont.)

<u>Depth</u>	<u>Time</u>	<u>Remarks</u>	<u>Depth</u>	<u>Time</u>	<u>Remarks</u>
2150'-60'	90 min.		2680'-90'	150 min.	
70	50		2700	120	
80	25		10	128	
90	50		20	202	
2200	55		30	190	
10	30		40	120	Trip at 2730'
20	25		50	90	
30	30		60	75	
40	45		70	65	
50	40		80	120	
60	45		90	100	
70	40		2800	92	
80	40		10	193	
90	35		20	185	
2300	30		30	180	
10	35		40	200	
20	38		50	165	
30	23		60	135	
40	27		70	-	
50	78		80	90	
60	36		90	70	
70	29		2900	75	
80	28		10	60	
90	27		20	70	
2400	32		30	50	
10	38		40	100	
20	34		50	135	
30	29		60	130	
40	34		70	120	
50	38		80	105	
60	50		90	105	
70	35		3000	105	
80	40		10	85	
90	35		20	105	
2500	55		30	115	
10	40		40	95	
20	125	Trip	50	100	
30	70		60	120	
40	80		70	110	
50	80		80	110	
60	73		90	105	
70	62		3100	80	
80	60		10	115	
90	55		20	110	
2600	48		30	90	
10	80		40	125	
20	102		50	60	Trip
30	125		60	60	
40	190		70	75	
50	150		80	50	
60	145		90	60	
70	125		3200	80	
80	175		10	75	

Jones A.I. Brief Time (cont.)

Depth	Time	Remarks	Depth	Time	Remarks
1100'-50'	50 min.		1080'-50'	150 min.	
70	50		1700	150	
50	50		15	150	
30	50		30	150	
1000	50		50	150	
70	50		40	150	
50	50		30	150	
30	50		20	150	
40	50		10	150	
30	50		50	150	
20	50		40	150	
10	50		30	150	
50	50		20	150	
30	50		10	150	
2000	50		50	150	
50	50		40	150	
30	50		30	150	
20	50		20	150	
10	50		10	150	
50	50		50	150	
30	50		40	150	
20	50		30	150	
10	50		20	150	
50	50		10	150	
30	50		50	150	
20	50		40	150	
10	50		30	150	
50	50		20	150	
30	50		10	150	
2000	50		50	150	
50	50		40	150	
30	50		30	150	
20	50		20	150	
10	50		10	150	
50	50		50	150	
30	50		40	150	
20	50		30	150	
10	50		20	150	
50	50		10	150	
30	50		50	150	
20	50		40	150	
10	50		30	150	
50	50		20	150	
30	50		10	150	
2000	50		50	150	
50	50		40	150	
30	50		30	150	
20	50		20	150	
10	50		10	150	
50	50		50	150	
30	50		40	150	
20	50		30	150	
10	50		20	150	
50	50		10	150	
30	50		50	150	
20	50		40	150	
10	50		30	150	
50	50		20	150	
30	50		10	150	
2000	50		50	150	
50	50		40	150	
30	50		30	150	
20	50		20	150	
10	50		10	150	

Jones #1. Drl'g. Time (Cont.)

<u>Depth</u>	<u>Time</u>	<u>Remarks</u>	<u>Depth</u>	<u>Time</u>	<u>Remarks</u>
3210'-20'	90 min.		3710'-20	150 min.	Trip
20	80		30	135	
40	70		40	105	
50	60		50	100	
60	55		60	120	
70	40		70	150	
80	45		80	140	
90	50		90	100	
3300	55		3800	135	
10	50		10	145	
20	-		20	130	
30	95		30	240	Trip
40	100		40	150	
50	140		50	120	
60	125		60	180	
70	120	Trip at 3362'	70	235	
80	95		80	220	
90	70		90	210	
3400	50		3900	210	
10	90		10	210	
20	100		20	200	
30	75		30	-	Trip
40	40		40	150	
50	100		50	210	
60	90		60	200	
70	75		70	215	
80	150		80	210	
90	160		90	200	
3500	120		4000	205	
10	140		10	260	Trip
20	115	Trip	20	210	
30	120		30	190	
40	120		40	180	
50	90		50	190	
60	100		60	220	
70	90		70	180	
80	120	Trip at 3575'	80	215	
90	170		90	240	Trip
3600	180		4100	135	
10	120		10	140	
20	125		20	170	
30	120		30	235	
40	135		40	125	
50	305	Decreased wt. 1 pt.	50	140	
60	-		60	125	
70	260		70	170	
80	310		80	155	
90	120		90	165	
3700	120		4200	145	
10	230		10	135	
			20	90	Trip at 4200'

Table 1. Time (min.)

Time	Depth	Time	Depth
100 min.	100	100 min.	100
120	120	120	120
140	140	140	140
160	160	160	160
180	180	180	180
200	200	200	200
220	220	220	220
240	240	240	240
260	260	260	260
280	280	280	280
300	300	300	300
320	320	320	320
340	340	340	340
360	360	360	360
380	380	380	380
400	400	400	400
420	420	420	420
440	440	440	440
460	460	460	460
480	480	480	480
500	500	500	500
520	520	520	520
540	540	540	540
560	560	560	560
580	580	580	580
600	600	600	600
620	620	620	620
640	640	640	640
660	660	660	660
680	680	680	680
700	700	700	700
720	720	720	720
740	740	740	740
760	760	760	760
780	780	780	780
800	800	800	800
820	820	820	820
840	840	840	840
860	860	860	860
880	880	880	880
900	900	900	900
920	920	920	920
940	940	940	940
960	960	960	960
980	980	980	980
1000	1000	1000	1000

Jones #1. Drl'g. Time (Cont.)

<u>Depth</u>	<u>Time</u>	<u>Remarks</u>	<u>Depth</u>	<u>Time</u>	<u>Remarks</u>
4220'-30'	90 min.		4730'-40'	130 min.	
40	75		50	145	
50	120		60	135	
60	155		70	135	
70	140		80	140	
80	150		90	180	
90	170	Trip	4800	185	
4300	120		10	180	
10	90		20	150	Trip
20	95		30	70	
30	115		40	100	
40	120		50	105	
50	135		60	130	
60	130		70	175	
70	140		80	160	
80	135		90	150	
90	160		4900	175	
4400	135		10	175	
10	140		20	150	Trip at 4914'
20	135		30	100	
30	125		40	100	
40	150		50	115	
50	180		60	120	
60	120		70	125	
70	90		80	150	Trip
80	105		90	75	
90	165		5000	45	
4500	110		10	70	
10	70		20	100	
20	130		30	110	
30	170		40	150	
40	150		50	180	
50	185		60	160	
60	180	Trip	70	140	
70	90		80	140	
80	70		90	210	Trip at 5093'
90	70		5100	280	
4600	85		10	-	
10	105		20	360	
20	120		30	85	Trip at 5120'
30	125		40	90	
40	95		50	165	
50	105		60	170	
60	130		70	205	Trip
70	160		80	125	
80	160		90	70	
90	-	Trip	5200	110	
4700	120		10	135	
10	110		20	120	
20	110		30	150	
30	145		40	130	

Length	Time	Remarks	Length	Time	Remarks
4380-4500	10 min.		4380-4500	10 min.	
40	78		40	78	
50	100		50	100	
60	125		60	125	
70	150		70	150	
80	175		80	175	
90	200		90	200	
100	225		100	225	
110	250		110	250	
120	275		120	275	
130	300		130	300	
140	325		140	325	
150	350		150	350	
160	375		160	375	
170	400		170	400	
180	425		180	425	
190	450		190	450	
200	475		200	475	
210	500		210	500	
220	525		220	525	
230	550		230	550	
240	575		240	575	
250	600		250	600	
260	625		260	625	
270	650		270	650	
280	675		280	675	
290	700		290	700	
300	725		300	725	
310	750		310	750	
320	775		320	775	
330	800		330	800	
340	825		340	825	
350	850		350	850	
360	875		360	875	
370	900		370	900	
380	925		380	925	
390	950		390	950	
400	975		400	975	
410	1000		410	1000	
420	1025		420	1025	
430	1050		430	1050	
440	1075		440	1075	
450	1100		450	1100	
460	1125		460	1125	
470	1150		470	1150	
480	1175		480	1175	
490	1200		490	1200	
500	1225		500	1225	
510	1250		510	1250	
520	1275		520	1275	
530	1300		530	1300	
540	1325		540	1325	
550	1350		550	1350	
560	1375		560	1375	
570	1400		570	1400	
580	1425		580	1425	
590	1450		590	1450	
600	1475		600	1475	
610	1500		610	1500	
620	1525		620	1525	
630	1550		630	1550	
640	1575		640	1575	
650	1600		650	1600	
660	1625		660	1625	
670	1650		670	1650	
680	1675		680	1675	
690	1700		690	1700	
700	1725		700	1725	
710	1750		710	1750	
720	1775		720	1775	
730	1800		730	1800	
740	1825		740	1825	
750	1850		750	1850	
760	1875		760	1875	
770	1900		770	1900	
780	1925		780	1925	
790	1950		790	1950	
800	1975		800	1975	
810	2000		810	2000	
820	2025		820	2025	
830	2050		830	2050	
840	2075		840	2075	
850	2100		850	2100	
860	2125		860	2125	
870	2150		870	2150	
880	2175		880	2175	
890	2200		890	2200	
900	2225		900	2225	
910	2250		910	2250	
920	2275		920	2275	
930	2300		930	2300	
940	2325		940	2325	
950	2350		950	2350	
960	2375		960	2375	
970	2400		970	2400	
980	2425		980	2425	
990	2450		990	2450	
1000	2475		1000	2475	

Jones #1. Drl'g. Time (Cont.)

<u>Depth</u>	<u>Time</u>	<u>Remarks</u>	<u>Depth</u>	<u>Time</u>	<u>Remarks</u>
5240'-50'	110 min.		5510'-15'	40 min.	
60	50		20	45	
65	30		25	45	
70	27		30	45	
75	31		35	50	
80	52		40	60	
85	45		45	60	
90	50		50	95	
95	75		55	90	
5300	70		60	80	
05	60		65	60	
10	55		70	70	
15	60	Trip	75	75	
20	30		80	90	
25	25		85	80	
30	20		90	100	
35	20		95	90	
40	30		5600	110	
45	25		05	125	
50	40		10	55	Trip
55	35		15	80	
60	35		20	70	
65	30		25	70	
70	30		30	60	
75	25		35	75	
80	45		40	70	
85	45		45	75	
90	55		50	75	
95	40		55	70	
5400	40		60	110	
05	40		65	100	
10	35		70	90	
15	40		75	105	
20	45		80	115	
25	35		85	100	
30	35		90	80	
35	35		95	75	
40	30		5700	70	
45	40		05	85	
50	55		10	65	
55	60		15	85	
60	55		20	95	
65	60		25	40	Trip
70	65		30	35	
75	75		35	40	
80	80		40	35	
85	60		45	55	
90	80		50	55	
95	100		55	65	
5500	90		60	70	
05	40		65	75	
10	40		70	65	

Year	Rate	Rate	Year	Rate	Rate
1904	10.1	10.1	1904	10.1	10.1
05	10.2	10.2	05	10.2	10.2
06	10.3	10.3	06	10.3	10.3
07	10.4	10.4	07	10.4	10.4
08	10.5	10.5	08	10.5	10.5
09	10.6	10.6	09	10.6	10.6
10	10.7	10.7	10	10.7	10.7
11	10.8	10.8	11	10.8	10.8
12	10.9	10.9	12	10.9	10.9
13	11.0	11.0	13	11.0	11.0
14	11.1	11.1	14	11.1	11.1
15	11.2	11.2	15	11.2	11.2
16	11.3	11.3	16	11.3	11.3
17	11.4	11.4	17	11.4	11.4
18	11.5	11.5	18	11.5	11.5
19	11.6	11.6	19	11.6	11.6
20	11.7	11.7	20	11.7	11.7
21	11.8	11.8	21	11.8	11.8
22	11.9	11.9	22	11.9	11.9
23	12.0	12.0	23	12.0	12.0
24	12.1	12.1	24	12.1	12.1
25	12.2	12.2	25	12.2	12.2
26	12.3	12.3	26	12.3	12.3
27	12.4	12.4	27	12.4	12.4
28	12.5	12.5	28	12.5	12.5
29	12.6	12.6	29	12.6	12.6
30	12.7	12.7	30	12.7	12.7
31	12.8	12.8	31	12.8	12.8
32	12.9	12.9	32	12.9	12.9
33	13.0	13.0	33	13.0	13.0
34	13.1	13.1	34	13.1	13.1
35	13.2	13.2	35	13.2	13.2
36	13.3	13.3	36	13.3	13.3
37	13.4	13.4	37	13.4	13.4
38	13.5	13.5	38	13.5	13.5
39	13.6	13.6	39	13.6	13.6
40	13.7	13.7	40	13.7	13.7
41	13.8	13.8	41	13.8	13.8
42	13.9	13.9	42	13.9	13.9
43	14.0	14.0	43	14.0	14.0
44	14.1	14.1	44	14.1	14.1
45	14.2	14.2	45	14.2	14.2
46	14.3	14.3	46	14.3	14.3
47	14.4	14.4	47	14.4	14.4
48	14.5	14.5	48	14.5	14.5
49	14.6	14.6	49	14.6	14.6
50	14.7	14.7	50	14.7	14.7
51	14.8	14.8	51	14.8	14.8
52	14.9	14.9	52	14.9	14.9
53	15.0	15.0	53	15.0	15.0
54	15.1	15.1	54	15.1	15.1
55	15.2	15.2	55	15.2	15.2
56	15.3	15.3	56	15.3	15.3
57	15.4	15.4	57	15.4	15.4
58	15.5	15.5	58	15.5	15.5
59	15.6	15.6	59	15.6	15.6
60	15.7	15.7	60	15.7	15.7
61	15.8	15.8	61	15.8	15.8
62	15.9	15.9	62	15.9	15.9
63	16.0	16.0	63	16.0	16.0
64	16.1	16.1	64	16.1	16.1
65	16.2	16.2	65	16.2	16.2
66	16.3	16.3	66	16.3	16.3
67	16.4	16.4	67	16.4	16.4
68	16.5	16.5	68	16.5	16.5
69	16.6	16.6	69	16.6	16.6
70	16.7	16.7	70	16.7	16.7
71	16.8	16.8	71	16.8	16.8
72	16.9	16.9	72	16.9	16.9
73	17.0	17.0	73	17.0	17.0
74	17.1	17.1	74	17.1	17.1
75	17.2	17.2	75	17.2	17.2
76	17.3	17.3	76	17.3	17.3
77	17.4	17.4	77	17.4	17.4
78	17.5	17.5	78	17.5	17.5
79	17.6	17.6	79	17.6	17.6
80	17.7	17.7	80	17.7	17.7
81	17.8	17.8	81	17.8	17.8
82	17.9	17.9	82	17.9	17.9
83	18.0	18.0	83	18.0	18.0
84	18.1	18.1	84	18.1	18.1
85	18.2	18.2	85	18.2	18.2
86	18.3	18.3	86	18.3	18.3
87	18.4	18.4	87	18.4	18.4
88	18.5	18.5	88	18.5	18.5
89	18.6	18.6	89	18.6	18.6
90	18.7	18.7	90	18.7	18.7
91	18.8	18.8	91	18.8	18.8
92	18.9	18.9	92	18.9	18.9
93	19.0	19.0	93	19.0	19.0
94	19.1	19.1	94	19.1	19.1
95	19.2	19.2	95	19.2	19.2
96	19.3	19.3	96	19.3	19.3
97	19.4	19.4	97	19.4	19.4
98	19.5	19.5	98	19.5	19.5
99	19.6	19.6	99	19.6	19.6
00	19.7	19.7	00	19.7	19.7
01	19.8	19.8	01	19.8	19.8
02	19.9	19.9	02	19.9	19.9
03	20.0	20.0	03	20.0	20.0

Jones #1. Drl'g. Time (Cont.)

<u>Depth</u>	<u>Time</u>	<u>Remarks</u>	<u>Depth</u>	<u>Time</u>	<u>Remarks</u>
5770'-75'	60 min.		6030'-35'	120 min.	
80	60		40	115	
85	50		45	80	
90	35		50	80	
95	45		55	105	
5800	55		60	110	
05	65		65	85	
10	55		70	80	
15	60		75	85	
20	90		80	135	
25	75		85	70	
30	80		90	55	
35	95		95	65	
40	95		6100	70	
45	115		05	80	
50	100		10	70	
55	75	Trip	15	95	
60	90		20	105	
65	70		25	140	
70	70		30	70	Trip
75	80		35	60	
80	120		40	70	
85	130		45	80	
90	105		50	75	
95	95		55	75	
5900	75		60	75	
05	65		65	70	
10	75		70	85	
15	55		75	80	
20	75		80	120	
25	75		85	105	
30	70		90	100	
35	65		95	95	
40	65		6200	80	
45	75		05	95	
50	75		10	100	
55	90		15	110	
60	130		20	95	
65	105		25	90	
70	95		30	95	
75	80		35	60	Trip
80	75		40	100	
85	95	Trip	45	115	
90	85		50	120	
95	75		55	115	
6000	70		60	105	
05	70		65	95	
10	70		70	100	
15	70		75	110	
20	75		80	120	
25	80		85	165	
30	95		90	140	

(b)(7)(D) excluded from review.

Depth	Time	Remarks	Depth	Time	Remarks
00	00		00	00	
01	00		01	00	
02	00		02	00	
03	00		03	00	
04	00		04	00	
05	00		05	00	
06	00		06	00	
07	00		07	00	
08	00		08	00	
09	00		09	00	
10	00		10	00	
11	00		11	00	
12	00		12	00	
13	00		13	00	
14	00		14	00	
15	00		15	00	
16	00		16	00	
17	00		17	00	
18	00		18	00	
19	00		19	00	
20	00		20	00	
21	00		21	00	
22	00		22	00	
23	00		23	00	
24	00		24	00	
25	00		25	00	
26	00		26	00	
27	00		27	00	
28	00		28	00	
29	00		29	00	
30	00		30	00	
31	00		31	00	
32	00		32	00	
33	00		33	00	
34	00		34	00	
35	00		35	00	
36	00		36	00	
37	00		37	00	
38	00		38	00	
39	00		39	00	
40	00		40	00	
41	00		41	00	
42	00		42	00	
43	00		43	00	
44	00		44	00	
45	00		45	00	
46	00		46	00	
47	00		47	00	
48	00		48	00	
49	00		49	00	
50	00		50	00	
51	00		51	00	
52	00		52	00	
53	00		53	00	
54	00		54	00	
55	00		55	00	
56	00		56	00	
57	00		57	00	
58	00		58	00	
59	00		59	00	
60	00		60	00	
61	00		61	00	
62	00		62	00	
63	00		63	00	
64	00		64	00	
65	00		65	00	
66	00		66	00	
67	00		67	00	
68	00		68	00	
69	00		69	00	
70	00		70	00	
71	00		71	00	
72	00		72	00	
73	00		73	00	
74	00		74	00	
75	00		75	00	
76	00		76	00	
77	00		77	00	
78	00		78	00	
79	00		79	00	
80	00		80	00	
81	00		81	00	
82	00		82	00	
83	00		83	00	
84	00		84	00	
85	00		85	00	
86	00		86	00	
87	00		87	00	
88	00		88	00	
89	00		89	00	
90	00		90	00	
91	00		91	00	
92	00		92	00	
93	00		93	00	
94	00		94	00	
95	00		95	00	
9					

Jones #1. Drl'g. Time (Cont.)

<u>Depth</u>	<u>Time</u>	<u>Remarks</u>	<u>Depth</u>	<u>Time</u>	<u>Remarks</u>
6290'-95'	150 min.		6550'-55'	60 min.	
6300	150		60	60	
05	150		65	55	
10	140		70	65	
15	140		75	70	
20	125		80	90	
25	125		85	85	
30	75	Trip	90	75	
35	70		95	100	
40	90		6600	85	
45	80		05	85	
50	65		10	90	
55	55		15	90	
60	65		20	95	
65	75		25	65	
70	55		30	70	
75	55		35	75	
80	65		40	80	
85	50		45	75	
90	65	Trip 6387	50	80	
95	60		55	105	
6400	40		60	75	
05	50		65	125	
10	60		70	80	Trip
15	45		75	90	
20	45		80	90	
25	70		85	90	
30	90		90	50	
35	120		95	70	
40	80		6700	70	
45	85		05	65	
50	90		10	70	
55	80		15	80	
60	75		20	130	
65	75		25	100	
70	75		30	75	
75	70		35	75	
80	50		40	110	
85	55		45	115	
90	80		50	130	
95	70		55	110	
6500	75		60	95	
05	60		65	90	
10	50		70	90	
15	80		75	90	Trip
20	140		80	80	
25	135		85	100	
30	75	Trip	90	105	
35	80		95	75	
40	85		6800	75	
45	70		05	70	
50	60		10	70	

Line	Time	Lat	Long	Alt	Speed	Course	Wind	Sea	Weather	Remarks
1	00:00	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
2	00:05	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
3	00:10	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
4	00:15	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
5	00:20	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
6	00:25	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
7	00:30	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
8	00:35	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
9	00:40	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
10	00:45	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
11	00:50	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
12	00:55	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
13	01:00	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
14	01:05	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
15	01:10	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
16	01:15	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
17	01:20	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
18	01:25	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
19	01:30	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
20	01:35	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
21	01:40	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
22	01:45	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
23	01:50	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
24	01:55	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
25	02:00	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
26	02:05	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
27	02:10	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
28	02:15	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
29	02:20	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
30	02:25	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
31	02:30	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
32	02:35	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
33	02:40	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
34	02:45	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
35	02:50	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
36	02:55	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear
37	03:00	38° 15' N	122° 00' W	10	10	000	000	0	0	Clear

Jones #1. Drl'g. Time (Cont.)

<u>Depth</u>	<u>Time</u>	<u>Remarks</u>	<u>Depth</u>	<u>Time</u>	<u>Remarks</u>
6810'-15'	70 min.		7055'-60'	60 min.	
20	65		65	90	
25	65		70	120	
30	95		75	105	
35	95		80	100	
40	95		85	90	
45	90		90	85	
50	90		95	65	
55	110		7100	65	
60	90		05	85	
65	90		10	90	
70	90		15	50	
75	90		20	100	
80	85		25	40	
85	70		30	110	
90	65		35	120	
95	85		40	90	
6900	80		45	75	
05	80		50	85	
10	85		55	100	
15	90		60	115	
20	120	Trip	65	100	
25	60		70	95	
30	70		75	70	
35	60		80	85	
40	75		85	80	S.L.W. 7182' = 7192'
45	65		92	--	
50	60		95	80	
55	65		7200	75	
60	65		05	95	Total Depth
65	75				
70	85				
75	80				
80	105				
85	75				
90	75				
95	105				
7000	85				
05	85				
10	95				
15	75				
20	80				
25	100				
30	95				
35	100				
40	100				
45	60				
50	60				
55	60				

(.ctm0) only .y' f'g' -f' mms.

[illegible]