

Agip
Rel. No. 1479

10/3/71

Summary of DST's 13 -

E K O F I S K 2/4 - 3x

T.D. 11235' (m 3424,40)

Pool 2 (Danian - Upper Cretaceous 10698' - T.D.)

DST n° 1 - Liner Ø 7" perforated from 10740' to 10770'

Tested for 23 h.30' of which:

Flow = 11 hours

Shut in = 12 h.30'

<u>Choke Ø</u>	<u>Shut in THP PSI</u>	<u>BHP PSI</u>	<u>Water BPD</u>
1"	2278	4555	250
1"	2287	4650	48

Cushion amount: Full of sea water

Recovered: 100 BBLs of formation water with traces of oil and gas.

Pressure comparison (PSI) results:

Recorders	n° 2758	n° 2759	n° 2760
IHP	8100	8117	8137
ISIP	7133	7150	7172
IHP	5000	5011	5032
FTP	4554	4557	4587
FSIP	7040	7043	7070
FHP	8100	8117	8137

Pool 1 ? (Dense Zone 10632' to 10698')

DSIT n° 2 - Liner ϕ 7" perforated from 10650' to 10680'

Tested for 9h.52' of which:

Flow = 8 h.47'

Shut in = 1 h.05'

<u>Choke</u> <u>ϕ</u>	<u>BHP</u> <u>PSI</u>
1"	4869

Cushion amount: Full of fresh water

Reversed out 2 bbls gas out drilling mud + water cushion

Pressure comparison (PSI) results:

Recorders	n° 2758	n° 2759	n° 2761
IHP	8024	8064	8068
ISIP	4757	4791	4772
IFP	4843	4875	4863
FFP	4841	4859	4860

Pool 1 (Danian 10242' to 10632')

DST n° 3 - Liner Ø 7" perforated from 10606' to 10618'

Tested for 27 h.40' of which:

Flow = 15 h.10'

Shut in = 12 h.30'

Choke Ø	Shut in THP PSI	BHP PSI	Water BPD
1"	2412	4795	24
1"	1530	4437	30

Cushion amount: Full of fresh water

Recovered: pumped out 42 bbls water cushion and 20 bbls salt water with traces of oil and gas and rathole mud.

Pressure comparison (PSI) results:

Recorders	n° 2758	n° 2759	n° 2760
IHP	8000	7989	8040
ISIP	7090	7078	7111
IFP	4795	4768	4815
FFP	4427	4392	4440
FSIP	7011	6972	7038
FHP	7962	7941	7989

Pool 1 (Danian)

DST n° 4 - Liner ϕ 7" perforated from 10560' to 10580'

Tested for 21 h.56' of which

Flow = 11 n.56'

Shut in = 10 hours

Choke ϕ	Shut in THP PSI	Flow THP PSI	BHP PSI	Q OIL BPD	Q GAS MMCFD	GOR CuFt/STB	API°
3/4"	4022	593	2274	1060	1,148	1083	34,2

Water cut = 0,1 %

Oil to surface after 54 mins.

Pressure comparison (PSI) results:

Recorders	n° 2758	n° 2759	n° 2760
IHP	7939	7963	7968
IFP	1424	1359	1329
FFP	2261	2223	2185
FSIP	7088	7059	7027
FHP	8116	8087	8100

Pool 1 (Danian)

DST n° 5A - Liner Ø 7" perforated from 10420' to 10500'

Tested for 33 h.58' of which

Flow = 21 h.08' Shut in = 12 h.50'

Choke Ø	Shut in THP PSI	Flow THP PSI	BHP PSI	Q OIL BPD	Q GAS MMCFD	GCR CuFt/STB	API°
11/64"	4121	3525	6552	653	0,746	1142	36,2
5/32"	-	3642	6638	586	0,674	1150	35,4
3/4"	-	890	3334	2719	2,744	1009	35,3

Pressure comparison (PSI) results:

Recorders	n° 2758	n° 2759	n° 2760
IHP	7957	7693	7973
ISIP	7115	7118	7124
IFP	2750	2753	2859
Flow (1)	6535	6535	6537
FSIP	7075	7076	7073
Flow (2)	6618	6615	6608
Flow (3)	3314	3300	3438
FHP	7957	7963	7968

Pool 1 (Danian)

DST n° 6 - Liner ϕ 7" perforated from 10375' to 10390'

Tested for 28 h. 30' of which:

Flow = 18 h. 30' Shut in = 10 hours

Choke ϕ	Shut in THP PSI	BHP PSI
Open	2305	4664

Reversed out water vushion and 2 bbls of oil and gas

Cut mud

Pressure comparison (PSI) results:

Recorders	n° 2758	n° 2759	n° 2760
IHP	7893	7888	7909
IFP	4638	4627	4650
FFP	4649	4635	4655
FSIP	6832	6826	6840
FHP	8005	8005	6936

Pool 1 (Danian)

DST n° 7 - Liner ϕ 7" perforated from 10260' to 10340'

Tested for 28 h.21' of which

Flow = 15 h.51' Shut in = 12 h. 30'

<u>Choke</u> <u>ϕ</u>	<u>Shut in THP</u> <u>PSI</u>	<u>Flow THP</u> <u>PSI</u>	<u>BHP</u> <u>PSI</u>	<u>Q OIL</u> <u>BPD</u>	<u>Q GAS</u> <u>MMCFD</u>	<u>GOR</u> <u>CuFt./STB</u>	<u>API°</u>
3/4"	3512	340	1398	676	0,954	1417	35

Gas to surface after 1h.56'

Oil to surface after 2h.16'

Pressure comparison (PSI) results:

Recorders	n° 2758	n° 2759	n° 2760
IHP	7798	7802	7812
ISIP	7069	7086	7097
IHP	1000	1036	1163
PPP	1353	1375	1511
PSIP	7641	6754	6754
FHP	7798	7802	7812

Pool 1 (Danian)

DST n° 8 - Liner ϕ 7" perforated from 10260' to 10360'
from 10375' to 10390'
from 10420' to 10500'

Tested fro 31 h.45' of which:
Flow = 19 h.45' Shut in = 12 hours

Oil to surface after 33 mins.

Choke ϕ	Shut in THP PSI	Flow THP PSI	BHP PSI	Q OIL BPD	Q GAS MMCFD	GOR CuFt/STE	API°
5/32"	3496	3515	6585	641	0,715	1115	35,5
3/4"	4124	1200	4366	3779	0,010	1023	35,6

Water cut = 0,1 %

Pressure comparison (PSI) results:

Recorders	n° 2758	n° 2759	n° 2760
IHP	7946	7958	7971
IFP	3136	3260	3446
F.Flow (1)	6433	6444	6551
F.Flow (2)	6439	6543	6578
PSIP	7066	7076	7073
F.Flow (3)	4186	4324	4353
FHP	7931	7941	7933