

**STUART
PETROLEUM**

NL

ACN 059 146 226
ABN 58 059 146 226

Wednesday, 6 March 2002

The Director Petroleum Group
Department of Primary Industries and Resources
101 Grenfell Street
ADELAIDE SA 5000

ATTN: Michael Malavazos

**Re: Amendments to Declaration of Environmental Factors and
Environment Impact Report Acrasia No.1 PEL 90**

Dear Michael,

I have put in amendments to Tim Fatchen's report and used his numbering system to expand the sources of fill material from the nearby creek, the dam and a new borrow pit adjacent to Mulka Bore.

A rough map from Bardrill is attached showing the lease, the borrow pits and the roads. The two turkey nest dams at Mulga Bore have been constructed and the access track to the dams for the water trucks will be the initial road construction starting 7-8 March 2002.

Road upgrade from Cordillo Road to Reg Sprigg will be next, followed by new road from Reg Sprigg to Acrasia and building of Acrasia #1 lease.

I have also attached an O.D&E. diagram of rig 30 with the total level area to be constructed. This is smaller than the standard Santos gibber area lease, which is also attached.

I hope this meets your requirements for coverage of expected environmental factors associated with lease building, water provision and road building for Acrasia #1.

Best Regards,
STUART PETROLEUM N.L.



Robert Frears
Exploration Manager

Amendment to:-

**Declaration of Environmental Factors and Environmental Impact Report
Acrasia No.1 June 2000 by Fatchen Environmental Pty Ltd.**

Section 1.2 Wellsite Requirements

1.2.1 Pad and Sump

The level and firm pad area to provide a base for the drilling rig and a safe working area will be built up by using borrow material from the mud sump. In addition, a borrow pit located approximately 300 metres WSW of the wellsite in a shallow creek will provide additional pad material.

Surface gravel at the creek will be moved to one side and scrapers will be used to transport the material to the wellsite. During cleanup of the lease, the borrow pit will be re-shaped to minimize changes to the creek-bed gradient and the surface gravel will be re-spread.

Since the original EIR report, a dam has been partially constructed in a creek approximately half way between Reg Sprigg No. 1 and Acrasia No. 1.

Road building material will be taken from a by-wash area on the southern end of the dam for road construction between Reg Sprigg and Acrasia.

1.2.2 Water Supply

The main water supply for Acrasia will come from the Mulga Bore, which is approximately 2km north of the Reg Sprigg/Acrasia road intersection with the Cordillo Downs road.

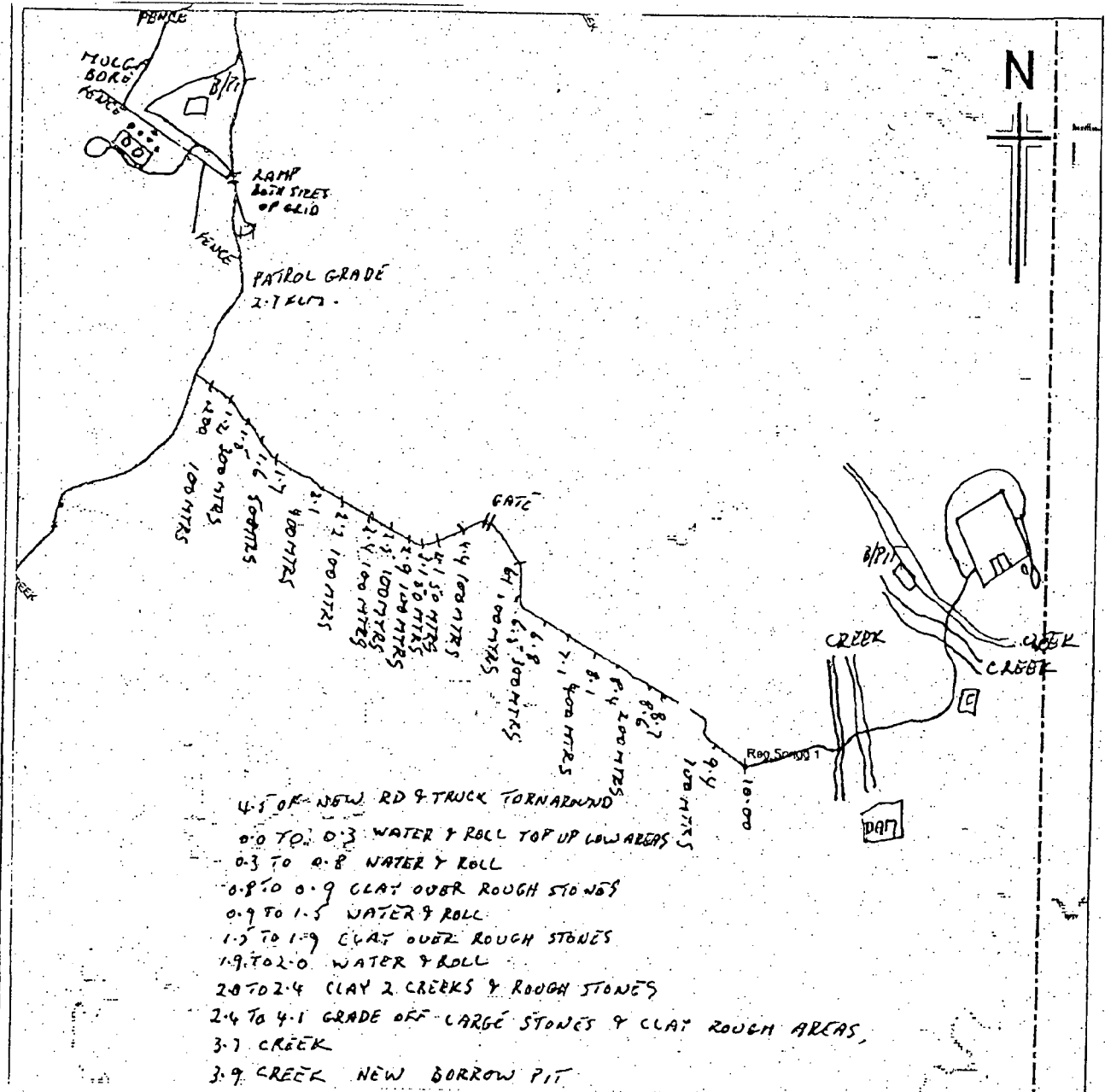
Two turkey nest dams will be constructed and plastic lined adjacent to the bore. The dams will be fenced and an access road and turning loop for water trucks will be constructed using material from a new borrow pit located between the bore and the Cordillo Downs road.



R.A. Frears

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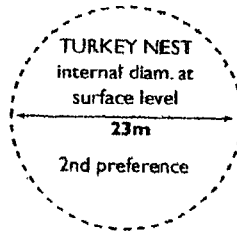
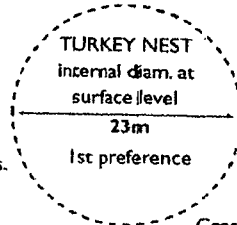


NOTE: REFERENCE LINE = RIGHT HAND EDGE OF SUMP,
AS VIEWED FROM SHADED AREA.

NOTE: FLARE PIT TO HAVE
PUSHED UP ON ALL

- Approximate:
1) 9m x 15m x 1
2) 4.5m x 12m x 1

Location of Turkey Nest
determined by terrain conditions.
Horizontal tolerance at
Top of Turkey Nest = 100mm



NOTE: Shaded Area to be
clayed from borrow pit

Base of cut* 1m lower than
wall level

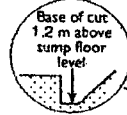
Sump soil not
to encroach on
flarepit access

Flare pit for all
rigs except ODE #32

Double width
flarepit

2 Flare pits at 90°
to each other and at
66m from hole centre,
one as trash pit

Cross section of
Sump bank cut away



SECT A-A

Area to be levelled
(Not compacted or clayed)

DIMENSIONS FOR CELLAR LOCATIONS

- CENTURY 3 : 10.7m in from front of sump
2.4m to right of reference line
- CENTURY 18 : 12.2m in from front of sump
4.5m to left of reference line
- CENTURY 26/27 : 20.12m in from front of sump
3.1m to left of reference line
- O.D.E. 32 : 13.1m in from front of sump
3.1m to left of reference line

This area may require claying
on some
locations when
pad area has
large buildup.

Access to Flare Pit
from lease to be level
with location or
ramped down only

COMPACTED LEVEL AREA

SURVEY HOLE CENTRE

WATER & ROLL THIS AREA

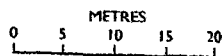
LEVEL PAD FOR SHACKS

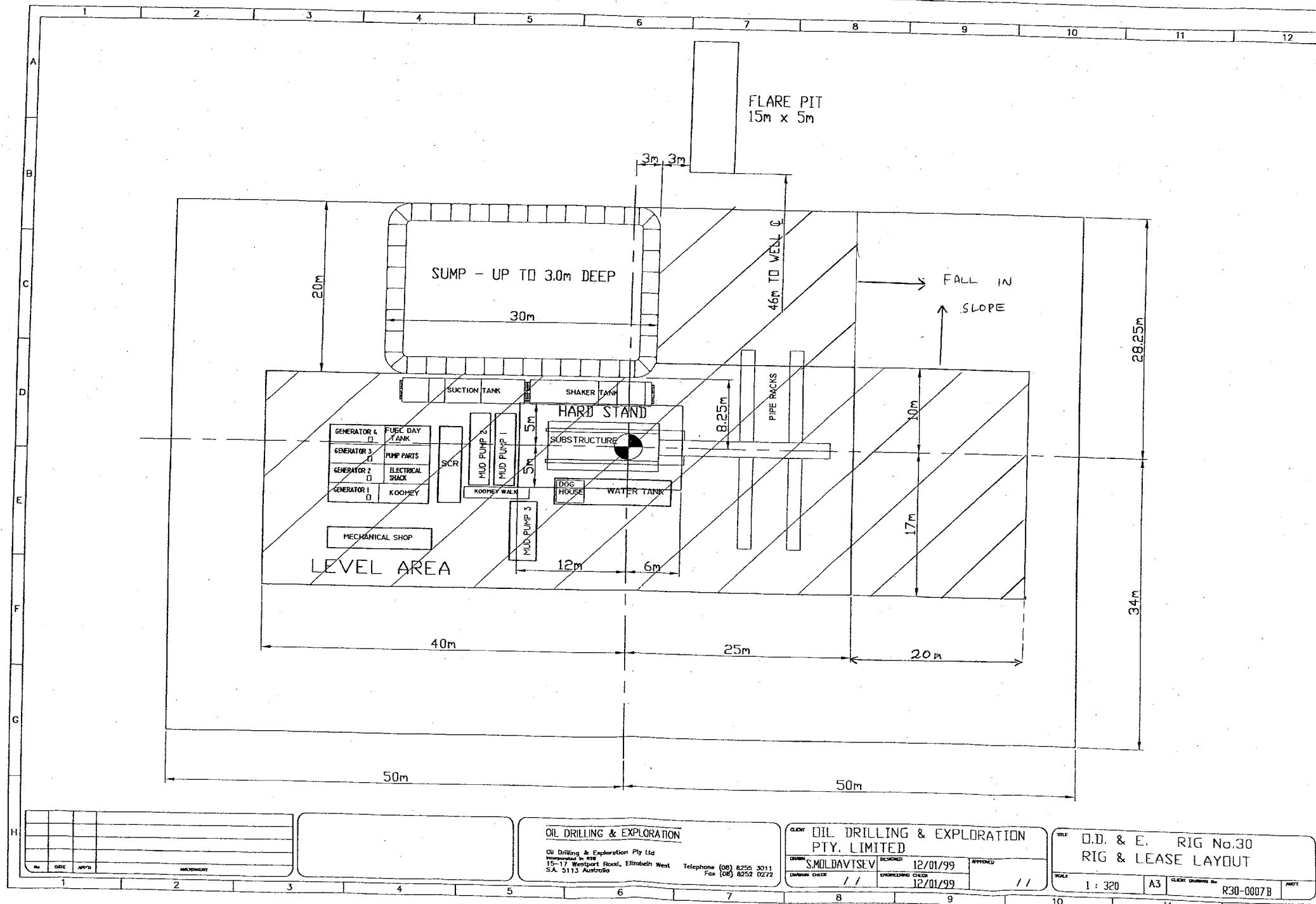
SHACKS

Blue box dug where required
6m behind shack when cellar is built

Lease level tolerance in
lease pad area (shaded) = 25mm (max)

GIBBER COUNTRY STANDARD WELL LEASE PLAN





REV	DATE	APPROVED	REVISION

OIL DRILLING & EXPLORATION

Oil Drilling & Exploration Pty Ltd
 Incorporated in NSW
 15-17 Westport Road, Elizabeth West
 S.A. 5113 Australia
 Telephone (08) 8255 3011
 Fax (08) 8252 0272

OIL DRILLING & EXPLORATION PTY. LIMITED

DESIGNED BY **S.MOLDAVITSEV** CHECKED **12/01/99** APPROVED **12/01/99**
 DRAWING CHECK **12/01/99**

**RIG No.30
RIG & LEASE LAYOUT**

SCALE **1 : 320** A3 CLIENT DRAWING NO **R30-0007B** PART