



906791 001

Page 1 of 8

WELL ELEMENTARY

REPORT

S.A. OIL WELLS

JENNAWARRA-8

W 344

906791 002

PE904043

This is an enclosure indicator page.  
The enclosure PE904043 is enclosed within the  
container PE906791 at this location in this  
document.

The enclosure PE904043 has the following characteristics:

ITEM\_BARCODE = PE904043  
CONTAINER\_BARCODE = PE906791  
NAME = Well Card SAOW Jennawarra-8  
BASIN = OTWAY  
OFFSHORE? = Y  
DATA\_TYPE = WELL\_CARD  
DATA\_SUB\_TYPE = HARDCOPY-PAPER  
DESCRIPTION =  
REMARKS = 01-JUN-1922  
DATE\_WRITTEN =  
DATE\_PROCESSED = South Australian Oil Wells Co No  
Liability  
DATE\_RECEIVED =  
RECEIVED\_FROM =  
WELL\_NAME =  
CONTRACTOR =  
AUTHOR = 277.00000  
ORIGINATOR = xls\_kb00  
TOP\_DEPTH =  
BOTTOM\_DEPTH =  
ROW\_CREATED\_BY =

(Inserted by DNRE - Vic Govt Mines Dept)

~~August~~:- The Commonwealth Government offer for oil

in payable quantities attracted attention, and ~~and~~ it was stated in August, 1921, that in a shallow bore near Moutajup, a small township on the railway line between Dunkeld and Hamilton in Western Victoria, ~~that~~ petroleum had been found. This was referred to by Mr. H. C. Dod, B.Sc., who, in a report to the Directors on the South Australian Oil Wells Company, recommended the exercising of an option over the holdings of the Western District Oil Syndicate, with the object of immediately developing the area. The Directors adopted his recommendation, and secured leases to the extent of 5,000 acres in the vicinity. ~~and~~ [When boring for water about 1910, a contractor observed indications of "oil." Nothing was done until 1921, when a syndicate was formed and the matter was brought under the notice of the South Australian Oil Wells Company who secured an option over the leases. A bore which had reached a depth of 175 feet was ~~deepened~~ deepened. Samples of the material from the bore were tested in the field and it was reported that positive petroleum results were obtained. Mr. Dod stated ~~that~~ that the work already done had proved "the presence of thick beds of carbonaceous shale containing all the organic matter necessary for the formation of oil in quantity, also the proper series of strata favorable to the concentration of oil. The ground consists of alternating sands, clays, and shales covered by thick layer of basalt." "The basalt and layers of clay," he asserts, "account for the absence of surface indications and the presence of oil sand containing visible oil in small percentage was only proved by chance while boring for water." Reports received in Melbourne at the end of July that "oil had been discovered" led to speculation in South Australian Oil Wells shares, which rose from 18d. on 19th July to 12/- on the 10th August. On the receipt of Dod's report, however, share values declined sharply to 9/-. The following day, 11th August, 1921, Mr. Barnes, Minister for Mines, said ~~that~~ when commenting upon the claim that petroleum had been discovered at Moutajup "that he would advise the public to exercise caution. The Mines Department, he explained,

did not wish to damp the ardour of oil searchers or to force its views upon those who thought their knowledge was superior to that of the geological staff, but he would urge that those who claimed to have discovered free mineral oil and to be in possession of samples should submit them for test to Commonwealth or State Government analysts."

A Company, the Moutajup Oil Wells, N.L., was formed in September, 1921; the legal Manager was Mr. H. E. Connelly, and boring operations were commenced on Mt. Sturgeon Estate. The South Australian Oil Wells Company was interested in the <sup>adjoining</sup> area, and the drilling was carried out by the Goldfields Diamond Drilling Company. Huts ~~was~~ for the men, an office, and a laboratory were erected.

Mr. Charles <sup>M'Lennan</sup> ~~McLellan~~, the discoverer of the oil indications, was the Field Superintendent of Moutajup Oil Wells Company.

Another Company, the Jennawarra Oil Wells, 40,000 shares at 5/- each, was formed to test a large area of country adjacent to the South Australian Oil Wells and Moutajup Oil Wells holdings at Moutajup. This property was reported on by Mr. <sup>M'Lennan</sup> ~~McLellan~~, and the prospectus set out that "immediately on the formation of the company, a site would be chosen for a bore." By the beginning of November, 1921, ~~four companies~~ <sup>companies</sup>, the Moutajup, South Australian, and Jennawarra, had been formed, while the Rockefeller Oil Wells and the Meudell Standard Oil Wells were being floated to prospect on properties adjacent to that of the South Australian Oil Wells. A rotary plant, capable of drilling to a depth of 1000 feet, was to be used.

Another Company, the Boonah Wah Oil Wells N.L. located Moutajup was floated with a capital of £10,000 <sup>in</sup> ~~and~~ 40,000 shares 5/-. Twenty-five thousand of these shares <sup>were</sup> issued to the public 6d. per share on application. The company was formed to acquire <sup>boring</sup> ~~options~~ options over property ~~near~~ Moutajup in the vicinity of <sup>the</sup> bores being operated by the South Australian Oil Wells, the Moutajup Oil Wells, and the Jennawarra Oil Wells Companies, where discoveries of petroleum have been reported over a wide area.

No. 8 Bore, Moutajup, Allotment 3B of Section C, Jennawarra  
Parish. Owner, O. B. Mibus.

Packed up some plant @ ready for removal to Anglesea, Victoria. 27/1/22

Covering work done to 14th June, 1922:

No. 8 bore -

Log: 0' - 16' .. clay, alluvial  
16' - 22' .. Clay and decomposed basalt.  
W344 22' - 201' .. Basalt, very hard in parts  
201' @ 223' .. Clay, sandy, yellow.  
223' - 231' .. Sand and gravel  
231' - 262' .. Sandstone, calcareous concretions, tertiary  
shells.  
262' - 270' .. Conglomerate sand and gravel  
270' - 272' .. Clay, yellowish  
272' - 277' .. Clay, changing to shale or slate, yellow with  
blue inclusions, probably Ordovician in  
@@@ age.

Remarks: Water at 12', 38', 60', and on through the basalt. Oil  
films at 248'. Pulled all casing. Left in 25' of 6 $\frac{3}{8}$ " casing high  
at top for a water well.

-----  
SOUTH AUSTRALIAN OIL WELLS

Anglesea Bore:

Bore No. 1, Section 13, Parish Angahook, County Polworth,  
near Anglesea River.

Log: 0' - 39' .. Clay, yellow  
39' - 186' .. Mudstone, black, carbonaceous, pyritic  
186' - 274' .. Clay, sandy  
274' - 282' .. Brown coal  
282' @ - 294' .. Sand with fragments of charcoal  
294' - 301' .. Clay, brown with lignite  
301' - 312' .. Brown coal  
312' - 317' .. Clay  
317' - 319' .. Sand, grey, medium  
319' - 324' .. Clay, brown

LOGS OF BORES.

SOUTH AUSTRALIAN OIL WELLS.

906791 006

Anglesea Bores, p. 131 -

No. 1 Bore, Sec. XIII, Parish Angahook, near Anglesea River -

39' - 186' Black carbonaceous mudstone  
 274' - 282' Brown coal  
 301' - 312' Brown coal  
 418' - 429' Brown coal  
 455' - 462' Coarse sand.

No. 2 Bore, Noble Lease, 46 ch. west of No. 1 and 250 ft. higher, p. 131

105' - 300' Black mudstone  
 366' - 439' Brown clay; beds of fossil shells  
 580' - 582' Brown coal  
 736' - 741' Brown coal  
 742' Whitish clay.

Jennawarra group  
 first record of  
 Turritella

Janjukian  
 Lower Jannokian  
 I. Tokajima  
 17/2

Moutajup -

S A O W Moutajup

No. 8 Bore, Allot. 3B, Sec. C, Parish Jennawarra - 1, 1A, 2, 3,

16' - 201' Basalt  
 231' - 262' Tertiary shells  
 272' Bedrock (Ordovician)

4, 5, 6, 7, 8.

No. 7 Bore, Allot 8, Sec. 14, Parish of Warrayure (North) -

4' - 124' Basalt  
 6" lignite at 135'  
 143' Blue shale with quartz veins.

No. 6 Bore, p. 130, on Allot. 3, Sec. XX, Parish Warrayure -

6' - 154' Basalt  
 195' - 225' Limestone mass of shells toward base.  
 225' - 236' Pale blue shale; bedrock ?.

No. 5 Bore, Allot. 1, Sec. 9, Parish Jennawarra, opposite Moutajup  
 Oil Wells No. 1 bore -

8' - 18' Basalt  
 sand to 36' pulled casing.. water bore.

No. 4 Bore - see next page

213' - 216' shell fragments upper Tertiary  
 260' - 283' Blue shales with quartz.

No. 3 Bore - see next page

222' - 228' Mud  
 228' - 239' Quartzite

South Australian Oil Wells -

No. 1 Bore, Sec. 121, Parish Moutajup -  
 to 165 feet in coarse sand.

No. 1a, 60 yards southwest of No. 1, Elevation 785 feet -

2' - 60' Basalt  
 131' - 134' 6" Lignite  
 217' - 430' Blue shale Bedrock?  
 430' - 504' Pale blue shale, Stopped at 504 feet.

SOUTH AUSTRALIAN OIL WELLS.

906791 007

Anglesea Bore, p. 131 -

No. 1 Bore, Sec. XIII, Parish Angahook, near Anglesea River -

39'	-	126'	Black carbonaceous mudstone
274'	-	282'	Brown coal
301'	-	312'	Brown coal
418'	-	429'	Brown coal
455'	-	462'	Coarse sand.

No. 2 Bore, Noble Lease, 46 ch. west of No. 1 and 250 ft. higher, p.134-

105'	-	300'	Black mudstone
366'	-	459'	Brown clay; beds of fossil shells
530'	-	582'	Brown coal
736'	-	741'	Brown coal
		742'	Whitish clay.

*Scaphites cuneata*  
(*Scaphites cuneata*)  
*Turritella*

*Tangukian*  
*Lower Tangukian*  
*F. Chapman*  
*17/2/35*

Moutajup -

No. 3 Bore, Allot. 3B, Sec. C, Parish Jennawarra -

16'	-	201'	Basalt
231'	-	262'	Tertiary shells
		272'	Bedrock (Ordovician)

No. 7 Bore, Allot 8, Sec. 14, Parish of Wurrayure (North) -

4'	-	124'	Basalt
			6" lignite at 135'
		143'	Blue shale with quartz veins.

No. 6 Bore, p. 130, on Allot. 3, Sec. XX, Parish Wurrayure -

6'	-	154'	Basalt
195'	-	225'	Limestone mass of shells toward base
225'	-	236'	Pale blue shale; bedrock ?.

No. 5 Bore, Allot. 1, Sec. 9, Parish Jennawarra, opposite Moutajup  
Oil Wells No. 1 bore -

8'	-	18'	Basalt
			sand to 36' pulled casing.. water bore.

No. 4 Bore - *see next page*

213'	-	216'	shell fragments upper Tertiary
260'	-	283'	Blue shales with quartz.

No. 3 Bore - *see next page*

222'	-	228'	Mud
228'	-	239'	Quartzite

South Australian Oil Wells -No. 1 Bore, Sec. 121, Parish Moutajup -  
to 165 feet in coarse sand.

No. 1a, 60 yards southwest of No. 1, Elevation 785 feet -

2'	-	60'	Basalt
131'	-	134'6"	Lignite
317'	-	430'	Blue shale Bedrock?

Spudded June 1922 El.

906791 008

Abandoned June 1922. T.D 277.

Ph. Mountajup

Location, Allot. 38, Sec. C. Ph. Jennawana.

Alluvial, clay. 0 - 16'

Clay &amp; decomp. basalt. 16' - 22'

Basalt 22' - 201'

Clay, sandy, yellow 201 - 223'

Sand &amp; gravel 223 - 231

Sandstone, calc. concretions 231' - 262'  
& tertiary shells

Conglomerate sand &amp; gravel 262 - 270'

Clay, yellow. 270 - 272.

Clay, changing to shale, or slate,  
yellow with blue inclusions 272 - 277.  
Probably Ordovician in ageWater at 12', 38', 60'Oil films at 248'Pulled all casing. Left in 25' of 6 3/8" at top, for  
water well.

Cased.