

W 337

WELL SOUTH AUSTRALIAN OIL WELLS No 1A.		TYPE	BASIN
Tenement Holder	Map Used Hamilton 4 Mile Geol. Pt. Mountajup. S. 121.		
Operator	Latitude $\phi$ 37°41' 30" S		Days SW of No. 1. 60
Tenement	Longitude $\lambda$ 142°14' 00" E		
Elevation 785	Total Depth 504	Status	
Spud 17 <sup>th</sup> Oct 1921	Completed	Abandoned Dec 1921	
Casing 8" to 134' : 6 5/8" (1716) to 231' : 5" (1116) cemented to 327' 8" & 6 3/8" casing pulled.			

STRATIGRAPHY

Company's Log. (copy in Bureau of Geology 1922 p 6162)	
0'-2' Sandy soil	
2'-60' Basalt decomposed in spots to clay.	
60'-123' Sand, red, yellow, wearn	
123'-131 1/2" Sand, brownish, darkening	
131 1/2"-134 1/2" Lignite with clay streaks	
134 1/2"-136' Sand, bleached by coal, dark clay	
136'-167' Dark sand with traces of oil (formed by seepage from top).	
167'-167 1/2" Sandstone	
167 1/2"-168' Dark clay	
168'-209' Sand + gravel brown to yellow (with good water).	
209'-217' Clay, dark brown, sandy, with layers of concretionary limestone.	
217'- <del>430'</del> Shale, blue, with thin beds hard blue sandstone. Caliche seams from 363 ft onwards. Much black scum on mud with traces of light oil at times	
430'-504' Shale, paler blue, shattered at times + (T.D. 504). filled with caliche (probably Jurassic) Scum as above. Inflammable gas occurs all through the shale, increasing with depth. Oily film frequent.	



FORMATION TESTS

5" casing (cemented) did not shut off water.

LOG SUMMARY AND INTERPRETATION

S.A. OIL WELLS No 1 A (Montajup)

# CORES

No.	Interval	Rec.	No.	Interval	Rec.	No.	Interval	Rec.	No.	Interval	Rec.

**CHEMICAL ANALYSES (Oil, water, gas.)**

*to be reported -*  
Water : at 65' Fresh + increasing in quantity with depth.  
Oil : Films first seen on water from 95' continuing to 117'  
 Film stronger & darker in dark sand 123' - 126'

**GENERAL (Conclusion, structure, plugging, etc.)**