

ENCLOSURE 2 MAGELLAN PETROLEUM (N.T.) PTY. LTD. COMPOSITE WELL LOG

PETROLEUM TENEMENT: OIL PERMIT NO. 43 WELL: WEST WATERHOUSE NO. 1
STATE: NORTHERN TERRITORY 4 MILE SHEET: HERMANSBURG & HENBURY BASIN: AMADEUS WELL STATUS: SHUT-IN WATER WELL

LOCATION: 24° 00' 00" SOUTH
133° 06' 30" EAST
ELEVATION: KB 2,214'
GRD 2,197'
DATE SPUNDED: 30-8-69
DATE DRILLING STOPPED: 8-10-69
DATE RIG RELEASED: 9-10-69
TOTAL DEPTH: 6,526'

HOLE SIZE		
Inches	From (KB=0)	To
26	0'	41'
17 1/2	41'	470'
12 1/2	470'	4,479'
9 1/2	4,479'	6,520'
9 3/8	6,520'	6,520.25'
7 1/8	6,520.25'	6,526'

CASING				
Inches	Wt (Lbs/Gr)	Depth (ft)	Cnt (Lbs)	Cnt's To
20 Cond	—	41'	37	Surface
13 1/2	48 #40	466'	374	Surface
9 1/2	36 #40 355	4,479'	360	3,400'

CEMENT PLUGS		
From	To	Sacks
4,319'	4,580'	150
5,394'	6,000'	250

Perforation	Type	Size	From	To	No./Ft
Casing	Link-Jet	2 1/2"	3,825'	3,845'	1
Well			3,780'	3,780'	1
			3,700'	3,720'	1
			3,600'	3,620'	1

Well Head Fittings: Steel plate bolted and spot welded to 13 1/2" Casing Bowl
 Drilled by: Oil Drilling and Exploration (N.T.) Pty Ltd
 Logged by: Welox
 Drilling Method: Rotary
 Cement by: Halliburton
 Lithology: L. G. G. Pearce

ELECTRIC LOG DATA	
Run Number	21-5-69
Floorage Logged	4,008'
Logged from	4,474'
Logged to	466'
Total Depth-Electric Log	4,479'
Total Depth-Driller	4,479'
Casing Shoe-Electric Log	466'
Casing Shoe-Driller	466'
Bit Size	12 1/2"
Mud Type	Fresh water
Treatment	—
— Water loss (cc/30")	—
— Weight (lb/cu ft)	8.3
— Viscosity (centipoise)	25
— pH @ Measured Temperature	7.9 @ 74°F
RH @ Measured Temperature	7.4 @ 74°F
RH @ Measured Temperature	9.4 @ 74°F
RH @ Measured Temperature	—
RH @ Measured Temperature	—
Max. Record Temperature	117°F @ 6,450'
Recorded	L. Patterson

RADIO-METRIC LOG DATA		
Type of Log	Gamma	Gamma
Run Number	21-5-69	6-10-69
Date	21-5-69	6-10-69
Total Depth-Driller	4,479'	6,500'
Top of Logged Interval	466'	4,480'
Bottom of Logged Interval	4,474'	6,518'
Type of Fluid in Hole	Fresh water	Salt water
Fluid level	710'	Surface
Min. recorded temp.	117°F @ 4,450'	165°F @ 6,500'
Neutron source, strength, type	—	—
Source Spacing	—	—
Length of measuring device	—	—
O.D. of instrument in	3 1/2"	3 1/2"
Time Constant—secs	2	2
Logging speed—ft/min	25	25
Statistical Variation in	—	—
Sensitivity Reference	186	186
Recorded by	L. Patterson	L. Patterson

OTHER ELECTRICAL LOGS
 GAMMA 6,500'—4,480'
 FORMO 6,300'—4,480'
 ACOUSTIC VELOCITY 6,500'—710'
 CALIPER 6,500'—466'

WELL SYMBOLS

- Gas show, slight
- Gas show, strong
- Oil show, slight
- Oil show, strong
- Nit and gas show
- Fluorescence
- Convulsion loss potential and sp mud
- Crustaceous loss concrete and sp mud
- Loss
- Casing shoe
- Well bit
- Blowout
- Core interval, no and recovery
- Side-wall core
- Particulate interval
- Formation test interval in no. 2 in CDS
- Plugged interval
- Reamer
- Core bit

ROCK TYPES

- Sandstone
- Siltstone
- Shale
- Limestone
- Dolomite

LITHOLOGIC REFERENCE

- Pebbly
- Silty
- Silty
- Shaly
- Argillaceous
- Limestone
- Beds
- Dolomite
- Beds

ACCESSORIES

- K1 Robin
- Chert
- Pyrite
- Glauconitic
- Phosphatic
- Nodules
- Biconcave
- Colonic
- Dolomitic
- Ferruginous
- No Scales
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