



DAILY DRILLING REPORT

REPORT # 02413/08/2021

SPUD: 21/07/2021DAY # 026

WELL

West Mereenie 28

24:00 MD/ TVD

1243m BRT

DRILLED

61m

AFE DAYS / COST

23

\$6,507,879

RIG

EWG 27

FORMATION

Pacoota P1: Upper and Lower

DAILY COST

\$3,226

CUM.

\$4,158,014

DAILY OP'S SUMMARY

Continued to RIH with New 8-1/2" PDC Bit and DHM. Off-loaded Well bore fluids. Continue to drill ahead with Polymer/Foam-N2 from 1182m, Drilled to CSG point prior to the P3 at 1243m. Sump free board 1.85m.

FORECAST OP'S

Conducted Flow test and Shut-in Well bore pressure Build-up test. Conducted a 90m Wiper trip. Kill Well. POOH to log Well.

LAST CASING

244mm

9.625"

SET AT

459.4m

FIT

12.7 EMW

MAASP

110psi

BOP TEST

04/08

DUE

25/08

LAST L.T.I.

830 Days

SAFETY

1. PJSM: Unloading Well bore fluids. Hazrds and control measures discussed

2. TBMs: Relating to Under balanced Drilling operations. Mixing Kill fluids and Exclusion zones.

WEATHER: Day

Fine 28 deg C

Night

Fine 4 deg C

| BIT INFORMATION    |                    |             |   | BHA # 5                  |          | MUD PROPERTIES                 |          | OPERATION                | HRS          | CUM    |
|--------------------|--------------------|-------------|---|--------------------------|----------|--------------------------------|----------|--------------------------|--------------|--------|
| WOB(Klb)           | 2-12               | JET V(fps)  |   | TOOL                     | LENGTH   | Mud Type                       | KCL/ NIF | 1 Move/ Rig Up/Down      |              | 48.00  |
| RPM                | 50                 | H S I       |   | Bit - PDC                | 0.28     | Depth (m)                      | 1243     | 2 Drilling               | 1.00         | 251.75 |
| BIT NUMBER         | 6                  | 5           | 5 | Down Hole Motor          | 8.22     | Density (ppg)                  | 11.30    | 3 Wash / Ream            | 0.75         | 32.75  |
| Size (inches)      | 8.5                | 8.5         |   | Crossover Sub            | 0.34     | ECD (ppg)                      |          | 4 Coring                 |              |        |
| Make               | Reed               | Smith       |   | 2x Drill Collar- 5 1/2"  | 18.19    | Temp (° C)                     |          | 5 Circ & Condition       | 17.00        | 33.00  |
| Type               | PDC Hycalog        | Hammer      |   | Crossover Sub            | 0.74     | Viscosity (sec)                | 52       | 6 Tripping- Bit / Casing | 5.25         | 55.75  |
| IADC Code          | TK-66              |             |   | MWD                      | 9.90     | PV / YP (cp/lb)                | 16 / 21  | 6.1 Tripping- Other      |              | 18.00  |
| Serial Number      | AT278400           | SA7178      |   | Crossover Sub            | 0.77     | Gels (10s/m)                   | 9 / 10   | 6.2 Wiper Trip           |              | 4.00   |
| T.F.A. (in)        | 14.137             |             |   | 4x Drill Collar- 5 1/2"  | 36.36    | API Filt. (cc)                 | 5.0      | 6.3 Handle BHA           |              | 39.25  |
| Depth In (m)       | 1182               | 467         |   | Crossover Sub            | 0.60     | Sand (% Vol)                   |          | 7 Service / Slip Line    |              | 1.75   |
| Depth Out (m)      | IN                 | 1182        |   | Float Sub                | 0.91     | KCl (%)                        |          | 8 Repairs                |              | 16.50  |
| Total Meters       | 61                 | 715         |   | FS / XO / FS             | 0.91     | pH (strip)                     | 9.0      | 10 Survey                |              | 0.75   |
| Hours IADC   OnBtm | 6.8   6.8          | 108   103.8 |   | 18x Heavy Weight DP      | 168.43   | LGS %/Vol                      | 8.1      | 11 Logging               |              |        |
| ROP IADC   OnBtm   | 9   9              | 6.6   6.9   |   | Crossover Sub            | 0.81     | Chlorides (ppm)                | 100000   | 12 RU for Csg / Cmt      |              | 7.50   |
| Condition Out      | 1 2 WT G X 0 BT PR |             |   | Drilling Jars            | 9.56     | Surface Vol. (Bbls)            | 293      | 12.1 Run Casing          |              | 7.50   |
| FLOW DATA          |                    |             |   | BHA LENGTH               | 256.02   | Hole Vol.                      | 265      | 12.2 Cementing           |              | 14.25  |
| RATE (gpm/lps)     |                    |             |   | BHA WEIGHT               | 28.41    | Mud Mixed                      | 159      | 13 Wait on Cement        |              | 21.00  |
| AV - DP (fpm/mpm)  |                    |             |   | STRING WT                | 70.77    | New Hole Drilled               | 13.9     | 14 BOP's / Wellhead      |              | 13.50  |
| AV - DC (fpm/mpm)  |                    |             |   | HOOK LOAD                | 90.00    | Downhole Losses                | 60       | 15 Test BOP / Formation  |              | 16.25  |
| SPP (psi/atm)      | 736                | 50          |   | WT BELOW JARS            | 25.84    | Surface Losses                 | 161      | 19 Tight hole / Fishing  |              | 0.50   |
| SPP (Calculated)   |                    |             |   | HOURS: JAR   MTR         | 7.0      | CHEMICAL USAGE                 |          | 21 Completion            |              |        |
| PUMP DATA          |                    |             |   | DRAG: UP   DOWN          | 2 2      | Baryte                         | 96       | 21.1 Well Control        |              | 24.50  |
| #1: Emsco F-800    | STROKE             | 9.0"        |   | TORQUE: ON   OFF         | 3900 200 | Soda Ash                       | 3        | 21.2 Other               |              | 17.50  |
| RATE               |                    |             |   | SURVEYS: MD   INC'   AZ' |          | Xanthan Gum                    | 2        | TOTALS                   | 24.00        | 576.00 |
| LINER              | 6.75"              |             |   | 1156   1.7   38.2        |          | DrillFoam X IBC                | 1        | NON PRODUCTIVE           |              | 72.75  |
| #2: Emsco F-800    | STROKE             |             |   | 1185   1.7   34.3        |          | PRODUCTS: USED   REC   ON SITE |          |                          |              |        |
| RATE               |                    |             |   | 1203.8   1.4   35.1      |          | DIESEL (L)                     |          |                          |              |        |
| LINER              |                    |             |   |                          |          | BARITE (T)                     |          |                          |              |        |
| #3: 0              | STROKE             |             |   |                          |          | DRILL WATER                    |          | 75k                      |              |        |
| RATE               |                    |             |   |                          |          | DAILY MUD COSTS                |          |                          | \$3,225.79   |        |
| LINER              |                    |             |   |                          |          | CUM. MUD COSTS                 |          |                          | \$281,590.65 |        |

HOURLY OPERATIONS SUMMARY 0000 to 2400

| From  | To    | [IADC Code] Description   |
|-------|-------|---|
| 0:00  | 1:30  | [ 6 ] RIH Drilling BHA #5 on 4" Drill pipe to 444m  |
| 1:30  | 1:30  | [ 7 ] Rig service. Slip and Cut Drill line.   |
| 1:30  | 3:15  | [ 5 ] Held PJSM. Circulated Well bore and Geo-services obtained Gas sample from the Gas migration from Well bore. PJSM. Unload Well bore with Bit located at 445m. Engaged Air/Nitrogen packs and unloaded Well bore fluids. SPP reached max 888psi. Recovered 60bbls of drill mud from Well bore into mud tanks. Well bore opened to blooie line with primary jet engaged. Well bore flowed gas and flame burning at the end of blooie line. |
| 3:15  | 5:00  | [ 6 ] Continued to RIH with Drilling BHA #5 down to ~1150m on 4" Drill pipe. Installed String float and New RCD rubber.   |
| 5:00  | 6:45  | [ 6 ] Change out RCD rubber, ADA replaced rubber, reinstall RCD   |
| 6:45  | 7:00  | [ 6 ] RIH from 1150m to 1166m tagged obstruction.   |
| 7:00  | 9:00  | [ 5 ] Install string float, PJSM, Unload well at 1157m with 1300cfm N2, taking return through Rig choke and poor-boy degasser max pressure 1516psi, max annular press 250psi, Recovered 150bbls to mud tanks.   |
| 9:00  | 9:45  | [ 3 ] Ream and wash down from 1166m to 1182.5m, WOB 0-5k, 40RPM, 946ft.lbs TRQ, 823psi SPP.   |
| 9:45  | 12:30 | [ 2 ] Drill ahead 8 1/2" hole with PDC and DHM from 1182.5m to 1200m, WOB 10k, RPM 55, TRQ 1790ft.lbs, SPP 873psi, Mist 30gpm, Foam 20gph, 1330 CFM 95%N2, Avg ROP 6.36m/hr   |
| 12:30 | 15:00 | [ 2 ] Drill ahead 8 1/2" hole with PDC and DHM from 1200m to 1215m, WOB 10k, RPM 55, TRQ 3750ft.lbs, SPP 873psi, Mist 30gpm, Foam 20gph, 1400CFM 95%N2, 1.5GPH hammer oil Avg ROP 6m/hr   |
| 15:00 | 10:45 | [ 2 ] Drill ahead 8 1/2" hole with PDC and DHM from 1215m to 1243m, WOB 10-15k, RPM 55, TRQ 3800ft.lbs, SPP 725psi, Mist 30gpm, Foam 20gph, 1400CFM 95%N2, 1.5GPH hammer oil Avg ROP 3.6m/hr  |
| 10:45 | 11:15 | [ 5 ] Conducted clean-up circulation. With Well returns cleaned, stopped foam injection and continued to circulate with Air package Mist30gpm with deformer added. 1400CFM 95%N2, 1.5GPH hammer oil   |
| 11:15 | 0:00  | [ 5 ] Disengaged Air package. Allowed Well to vent for 15 minutes. Lined up to flow Well through Rig choke line. EWG crews conducted crew change.   |

HOURLY OPERATIONS SUMMARY 0000 to 0600 on 14/08/21

|      |      |   |
|------|------|---|
| 0:00 | 1:00 | Commenced Well flow test as directed by onsite Geo's. 1in Adjustable Choke set at 48/64th (3/4") with a flow pressure of 208psi.  |
| 1:00 | 1:15 | Well flow test completed. Shut-in Well and monitored Well Shut-in pressures. Well pressures increased to 435psi in 35 minute. (Note: Pressure did not stabilise, A longer shut-in period would have obtained a higher Shut-in pressure) |
| 1:15 | 1:00 | Bled down Shut-in pressures. Lined up Well bore to flow down blooie line, engage primary jet and flare Well to flare pit. (Note: Sufficient time taken to bled down Well pressures to full open blooie line)                            |
| 5:00 | 6:00 | Repair mud pump   |

POB-42: EWG - 19, CTP - 4, ADA - 4, Howco - 2, G/Services - 3, O/Creek - 2, Coho - 2, IOT - 4, NMT - 0, Expro - 0, Cactus - 0, Enermech - 2

RECEIVED:DISPATCHED:

11,952 Hrs

MAXIMUM GAS: 4999 U @ 1118m

BACKGROUND GAS: 2700 U

CONNECTION GAS: 4900 U

TRIP GAS:

SUPERVISOR: Kev Dau / Norm Nixon.

GEOLOGIST: Phil Allen, Paul Elliot

RIG MGR: Trevor Wigley