

US ROCKIES REGION  
**Operation Summary Report**

|  |  |  |                               |
|--|--|--|-------------------------------|
| Well: <b>MAGNESS 7-1A</b>                              |  | Spud date: 1/16/2002                             |                               |
| Project: COLORADO-WELD-NAD83-UTM13                     |  | Site: MAGNESS 7-1A                               | Rig name no.: BASIC 1549/1549 |
| Event: ABANDONMENT                                     |  | Start date: 3/1/2017                             | End date: 3/17/2017           |
| Active datum: RKB @4,840.99usft (above Mean Sea Level) |  | UWI: 0/2/N/67/W/1/0/NESW/6/0/N/1845/E/0/1883/0/0 |                               |

| Date      | Time Start-End | Duration (hr) | Phase  | Code | Sub Code | P/U | MD from (usft) | Operation   |
|-----------|----------------|---------------|--------|------|----------|-----|----------------|---|
| 2/14/2017 | -              |               |        |      |          |     |                |   |
| 2/16/2017 | -              |               |        |      |          |     |                |   |
| 3/1/2017  | 0:00 -         |               | ABANDP | 52   | I        | P   |                | SF 0 CSI 600 TBG 600, OPEN SF ALL DAY NO GAS OR FLUID   |
|           | 9:30 - 10:30   | 1.00          | ABANDP | 30   | A        | P   |                | SPOT IN EQUIPMENT & RU RIG, PUMP, & TANK  |
|           | 10:30 - 11:00  | 0.50          | ABANDP | 48   | B        | P   |                | HELD JSA (SEE SAFETY COMMENTS ON SAFETY TAB)  |
|           | 11:00 - 12:30  | 1.50          | ABANDP | 30   | F        | P   |                | BLEED DOWN PSI FROM WELL, FUNCTION TEST BOPS TESTED GOOD, PUMP 30BBLs OF BIO WATER DOWN TBG, 30BBLs OF BIO WATER DOWN CSI TO CONTROL WELL, NU BOPS ON 5K WH, TRY TO UNLAND TBG HANGER, ND BOPS PULLED 40K BEAT AROUND WH W/ HAMMER TBG HANGER CAME OUT FREE, NU BOPS & UNLAND TBG HANGER  |
|           | 12:30 - 15:00  | 2.50          | ABANDP | 31   | I        | P   |                | TALLY OUT W/ 245JTS OF 2 3/8" 4.7# J55, XN, & NC, @ 7750'   |
|           | 15:00 - 17:00  | 2.00          | ABANDP | 34   | I        | P   |                | <b>RU RELIANCE OILFIELD SVS</b> , RIH W/ 3.75" GUAGE RING RUN TO 7690' POOH, <b>RIH W/ 4.5" 11.6# CIBP SET @ 7680'</b> POOH, RD WIRELINE SHUT IN WELL, DRAIN PUMP & HARLINES, CLEAN LOC, PICK UP TOOLS  |
|           | 17:00 - 17:30  | 0.50          | ABANDP | 30   | I        | P   |                | DRAIN PUMP & HARLINES, CLEAN LOC, PICK UP TOOLS   |
|           | 17:30 - 18:30  | 1.00          | ABANDP | 30   | G        | P   |                | CREW TRAVEL HOME  |
| 3/2/2017  | 0:00 -         |               | ABANDP | 52   | I        | P   |                | SF 0, CSI 0, OPEN SF ALL DAY NO GAS OR FLUID ON SF  |
|           | 6:00 - 7:00    | 1.00          | ABANDP | 30   | G        | P   |                | CREW TRAVEL TO LOC.   |
|           | 7:00 - 7:30    | 0.50          | ABANDP | 48   | B        | P   |                | INSPECT AND START EQUIPMENT, HELD JSA (SEE SAFETY COMMENTS ON SAFETY TAB), PREPARE PROPER TOOLS   |
|           | 7:30 - 10:30   | 3.00          | ABANDP | 31   | I        | P   |                | RU ANYTIME TESTING TEST IN HOLE W/ SN & 242JTS TAG PLUG ON JT 243, 7' OUT @ 7680' RD HYDRO TESTER   |
|           | 10:30 - 11:30  | 1.00          | ABANDP | 31   | H        | P   |                | RU TIW & KELLY HOSE PUMP 80BBLs OF BIO WATER TO ESTABLISH CIRCULATION W/ RIG PUMP 3BBLs PER/MIN 500# OF PSI, CIRCULATE GAS OUT, PT CSI TO 1000# FOR 15MIN. PT WAS GOOD BLEED DOWN PSI, RD KELLY & TIW   |
|           | 11:30 - 12:30  | 1.00          | ABANDP | 51   | D        | P   |                | SPOTTED <b>SCHLUMBERGER, RU CEMENTERS</b> , HELD SAFETY MEETING (SEE SAFETY COMMENTS ON SAFETY TAB) PUMP 2BBLs PRESSURE TEST LINES TO 2000# FOR 3MIN, MAX PSI 1500#, <b>PUMP 16.3BBLs 60SKS CLASS G 15.8# 1.53 YIELD</b> , THROUGH 2 3/8" 4.7# J55 TBG FALLOW BY 24BBLs OF FRESH WATER DISPLACEMENT, GOOD CIRCULATION THROUGHOUT CEMENT JOB, RD CEMENTERS |
|           | 12:30 - 13:30  | 1.00          | ABANDP | 31   | H        | P   |                | LD 49JTS OF 2 3/8" 4.7# J55 TBG, RU TIW & KELLY HOSE, CIRCULATE OVER 85BBLs OF BIO WATER W/ RIG PUMP TO ENSURE TBG IS CLEAN, RD KELLY & TIW   |

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| Well: MAGNESS 7-1A                                     |  | Spud date: 1/16/2002                             |                               |
| Project: COLORADO-WELD-NAD83-UTM13                     |  | Site: MAGNESS 7-1A                               | Rig name no.: BASIC 1549/1549 |
| Event: ABANDONMENT                                     |  | Start date: 3/1/2017                             | End date: 3/17/2017           |
| Active datum: RKB @4,840.99usft (above Mean Sea Level) |  | UWI: 0/2/N/67/W/1/0/NESW/6/0/N/1845/E/0/1883/0/0 |                               |

| Date     | Time Start-End | Duration (hr) | Phase  | Code | Sub Code | P/U | MD from (usft) | Operation  |
|----------|----------------|---------------|--------|------|----------|-----|----------------|--|
|          | 13:30 - 14:30  | 1.00          | ABANDP | 31   | I        | P   |                | LD 63JTS OF 2 3/8" 4.7# J55 TBG & SB 130JTS  |
|          | 14:30 - 15:30  | 1.00          | ABANDP | 34   | H        | P   |                | RU RELIANCE OILFILED SVS, RIH W/ 3 1/8" PERF GUN, SHOOT 2' OF SQZ HOLE @ 4560' & 4' OF SQZ HOLES @ 4070', RD WIRELINE SHUT IN WELL   |
|          | 15:30 - 16:00  | 0.50          | ABANDP | 30   | I        | P   |                | DRAIN PUMP & HARDLINE, CLEAN LOC, PICK UP TOOLS  |
|          | 16:00 - 17:00  | 1.00          | ABANDP | 30   | G        | P   |                | CREW TRAVEL TO LOC.  |
| 3/3/2017 | 0:00 -         |               |        |      |          |     |                |  |
|          | 1:00 - 1:30    | 0.50          | ABANDP | 30   | I        | P   |                | DRAIN PUMP & HARDLINES, CLEAN LOC, PICK UP TOOLS   |
|          | 6:00 - 7:00    | 1.00          | ABANDP | 30   | G        | P   |                | CREW TRAVEL TO LOC   |
|          | 7:00 - 7:30    | 0.50          | ABANDP | 48   | B        | P   |                | INSPECT & START EQUIPMENT, HELD JSA (SEE SAFETY COMMENTS ON SAFETY TAB) PREPARE PROPER TOOLS FOR WORK  |
|          | 7:30 - 8:30    | 1.00          | ABANDP | 31   | I        | P   |                | RIH W/ T-BIRD 4.5 11.6 CIRC 4' & 2 3/8" 4.7# J55 TBG 4107' SET CICR @ 4111', SHEAR OF CICR & STING BACK IN   |
|          | 8:30 - 9:30    | 1.00          | ABANDP | 31   | H        | P   |                | RU TIW & KELLY HOSE PUMP 80BBLs OF BIO WATER W/ RIG PUMP @ 2.5 BBLs/PER MIN, 600# OF PSI REMOVE GAS OUT, SHUT PUMP OFF, RD KELLY & TIW   |
|          | 9:30 - 10:30   | 1.00          | ABANDP | 51   | D        | P   |                | SPOTTED IN SCHLUMBERGER RU, HELD SAFETY MEETING (SEE SAFETY COMMENTS ON SAFETY TAB) PRESSURE TEST LINES TO 2000# FOR 3MIN, MAX PSI FOR JOB 1500#, PUMP 8BBLs OF FRESH WATER ESTABLISH CIRCULATION, 10BBLs OF SMS, 10BBLs OF RESH WATER SPACER, PUMP 43BBLs 160SKS CLASS G 15.8# 1.51 YIELD THROUGH CICR FOLLOW BY 13BBLs OF FRESH WATER DISPLACEMENT, STING OUT CICR LEAVING 3.2BBLs 12 SXS OF CEMENT ON TOP OF RETAINER, GOOD CIRCULATION THROUGHOUT CEMENT JOB, RD CEMENTERS |
|          | 10:30 - 11:00  | 0.50          | ABANDP | 31   | H        | P   |                | LD 20JTS OF 2 3/8" 4.7# J55, RU TIW & KELLY HOSE REVERSE CIRCULATION TO ENSURE TBG IS CLEAN @ 3479' W/ 110JTS, RD KELLY & TIW  |
|          | 11:00 - 12:30  | 1.50          | ABANDP | 31   | I        | P   |                | SB 38JTS OF 2 3/8" 4.7# J55 LD 72JTS & STINGER   |
|          | 12:30 - 13:30  | 1.00          | ABANDP | 34   | L        | P   |                | RU RELIANCE OILFIELD SVS, RIH HOLE W/ JET CUTTER CUT 4.5 11.6 CSI @ 1100' RD WIRELINE, SHUT IN WELL FOR THE DAY  |
|          | 13:30 - 14:30  | 1.00          | ABANDP | 30   | G        | P   |                | CREW TRAVEL HOME   |
| 3/6/2017 | 0:00 -         |               | ABANDP | 52   | I        | P   |                | SF 0 OPEN SF NO GAS OR FLUID   |
|          | 6:00 - 7:00    | 1.00          | ABANDP | 30   | G        | P   |                | CREW TRAVEL TO LOC   |
|          | 7:00 - 7:30    | 0.50          | ABANDP | 48   | B        | P   |                | INSPECT & START EQUIPMENT, HELD JSA (SEE SAFETY COMMENTS ON SAFETY TAB) PREPARE PROPER TOOLS,  |
|          | 7:30 - 8:30    | 1.00          | ABANDP | 31   | H        |     |                | ESTABLISH CIRCULATION W/ RIG PUMP, @ 3BBLs PER MIN, 300# OF PSI CIRCULATE OVER 100BBLs OF BIO WATER DOWN CSI UP SURFACE, REMOVE GAS OR OIL FROM WELL, SHUT PUMP OFF  |

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Well: MAGNESS 7-1A

Spud date: 1/16/2002

Project: COLORADO-WELD-NAD83-UTM13

Site: MAGNESS 7-1A

Rig name no.: BASIC 1549/1549

Event: ABANDONMENT

Start date: 3/1/2017

End date: 3/17/2017

Active datum: RKB @4,840.99usft (above Mean Sea Level)

UWI: 0/2/N/67/W/1/0/NESW/6/0/N/1845/E/0/1883/0/0

| Date      | Time Start-End | Duration (hr) | Phase  | Code | Sub Code | P/U | MD from (usft) | Operation   |
|-----------|----------------|---------------|--------|------|----------|-----|----------------|---|
|           | 8:30 - 9:30    | 1.00          | ABANDP | 30   | J        | P   |                | CHANGE OVER TO 4 1/2" EQUIPMENT, ND BOPS & 5K WH, REMOVE SF NUT RIG UP T-BIRD 4 1/2" 11.6# CSI SPEAR, PULLED 15K TO REMOVE CSI SLIPS, NU T-BIRD P&A SPOOL & BOPS, ON SF HEAD FUNCTION TEST BOPS TESTED GOOD,  |
|           | 9:30 - 10:30   | 1.00          | ABANDP | 31   | I        | P   |                | LD 1100' 25JTS & CUT JT OF CSI 4 1/2" 11.6#, CHANGE OVER TO 2 3/8" EQUIPMENT, TIH W/ MULE SHOE & 38JTS OF 2 3/8" 4.7# J55 @ 1204', RIG UP TIW & KELLY HOSE PUMP 35BBLs ESTABLISH CIRCULATION, RIG DOWN KELLY HOSE & TIW WAITING ON SCHLUMBERGER   |
|           | 10:30 - 12:00  | 1.50          | ABANDP | 46   | B        | P   |                |   |
|           | 12:00 - 13:30  | 1.50          | ABANDP |      |          |     |                | SPOTTED SCHLUMBERGER, RU CEMENTERS, HELD SAFETY MEETING (SEE SAFETY COMMENTS ON SAFETY TAB) PUMP 2BBLs PRESSURE TEST LINES TO 2000# FOR 3MIN, MAX PSI 1000#, PUMP 15BBLs OF CHEMICAL WASH, 64BBLs 240SKS CLASS G 15.8# 1.5 YIELD, THROUGH 2 3/8" 4.7# J55 TBG FOLLOW BY 1BBLs OF FRESH WATER DISPLACEMENT, GOOD CIRCULATION THROUGHOUT CEMENT JOB, RD CEMENTERS |
|           | 13:30 - 14:30  | 1.00          | ABANDP | 31   | I        | P   |                | LD 35JTS OF 2 3/8" 4.7# J55, RU TIW & KELLY HOSE REVERSE CIRCULATION TO ENSURE TBG IS CLEAN @ 94' W/ 3JTS RD KELLY & TIW, LD 3JTS SHUT IN WELL  |
|           | 14:30 - 15:30  | 1.00          | ABANDP | 30   | I        | P   |                | DRAIN PUMP & HARDLINE, RACK PUMP & HARDLINE, CLEAN LOC, PICK UP TOOLS, CREW TRAVEL HOME   |
|           | 15:30 - 16:30  | 1.00          | ABANDP | 30   | G        | P   |                |   |
| 3/7/2017  | 0:00 -         |               | ABANDP | 52   | I        | P   |                | SF 0  |
|           | 6:00 - 7:00    | 1.00          | ABANDP | 30   | G        | P   |                | CREW TRAVEL TO LOC  |
|           | 7:00 - 7:30    | 0.50          | ABANDP | 48   | B        | P   |                | INSPECT & START EQUIPMENT, HELD JSA (SEE SAFETY COMMENTS ON SAFETY TAB) PREPARE PROPER TOOLS FOR WORK   |
|           | 7:30 - 8:00    | 0.50          | ABANDP | 30   | J        | P   |                | ND DOWN BOPS P&A SPOOL, & FLANGE, FROM SF HEAD  |
|           | 8:00 - 8:30    | 0.50          | ABANDP | 34   | I        | P   |                | RU RELIANCE OILFIELD SVS RIH W/ SINNKER BAR TAG CEMENT @ 225' POOH RIH W/ 8 5/8" 24# CIBP SET @ 80' INSIDE SF CSI RD WIRELINE   |
|           | 8:30 - 9:30    | 1.00          | ABANDP | 30   | C        | P   |                | RD RIG, CLEAN LOC. MOVE WELLHEAD PARTS CLOSE TO WELL HEAD, MOVE RIG TO THE FANTASTYK RED V 1-09   |
| 3/17/2017 | 12:00 - 13:00  | 1.00          | ABANDP | 52   |          | P   |                | pressure tested CIBP, surface casing to 500 psi   |
|           | 13:00 - 14:00  | 1.00          | ABANDP | 53   | B        | P   |                | dug up surface casing   |
|           | 14:00 - 15:00  | 1.00          | ABANDP | 53   | C        | P   |                | cut casing 6' below GL, tagged @ 70'  |
|           | 15:00 - 16:00  | 1.00          | ABANDP | 53   | B        | P   |                | filled casing stub with 30 bags 5000 psi cement   |
|           | 16:00 - 17:00  | 1.00          | ABANDP | 53   | A        | P   |                | capped casing with a metal plate containing well info   |
|           | 17:00 - 18:00  | 1.00          | ABANDP | 53   | B        | P   |                | backfilled  |
|           | 17:00 - 17:00  | 0.00          | ABANDP | 50   |          | P   |                | P&A'd OFFLINE. JSND.  |