

ABRAXAS PETROLEUM CORPORATION

Daily Drilling Report

BGT # 20190010 AREA WOLFCAMP WELL WOODBERRY 3 #101H (3rd BS-L)

PROPOSAL DRILL & COMPLETE A HORIZONTAL 3RD BONE SPRINGS WITH A 5000' LATERAL.

AFE NUMBER 190107 START DATE : 1/12/2019 MIRU DATE : 2/12/2019 SPUD DATE : 2/17/2019

GROSS AFE : \$7,895 RDMO DATE : PROD Start DATE : FINALIZED DATE :

DR DATE 03/23/2019

G-DC : \$44,404 G-CC : \$1,408,748 DR TD : 4,890 PBTD : 0

ONE LINER: Walk rig from 201H to 101H. PJSM. Test BOPE.

DAILY ACTIVITY:

Walked rig and centered up over Woodberry 3 101H. Held safety meeting with all personnel.
Removed capping flange and set BOP's. Torqued all BOP connections.
Removed BOP Wrangler, hooked up turnbuckles and installed mousehole.
Held PJSM with all personnel. Tested BOPE to 250 psi low and 5000 psi high. Tested Annular to 250 psi low and 3500 psi high.

♦Note: (---No---) Accidents / Incidents reported □
♦Rig Diesel: (11,121) gal •Used: (361) gal •Total Used: (12,834) gal •Rec: (7201) gal. □
♦Mud Diesel: (0) gal •Used: (0) gal •Total Used: (0) gal •Rec: (0) gal.

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AFE NUMBER 190107 START DATE : 1/12/2019 MIRU DATE : 2/12/2019 SPUD DATE : 2/17/2019

GROSS AFE : \$7,895 RDMD DATE : PROD Start DATE : FINALIZED DATE :

DR DATE 03/24/2019

G-DC : \$47,466 G-CC : \$1,408,748 DR TD : 4,890 PBTD : 0

ONE LINER: Test BOPE. Test csg. PU rock bit. TIH to 2801'. Tag cmt @ 2808'. Drill cmt. Top of DV tool @ 2844'.

DAILY ACTIVITY:

Tested all BOPE to 250 psi low and 5000 psi high. Tested Annular to 250 psi low and 3500 psi high.
Tested casing to 1500 psi for 30 minutes.
Serviced rig and Top Drive.
Changed out Top Drive saver sub and IBOP.
Installed wear bushing and trip nipple. Centered BOP stack.
Picked up RR 9-7/8" Rock bit and bit sub. Installed float valve and made up bit.
Tripped in hole to 2801'. Tag cement @ 2808'.
Drilled cement, DV Tool and secondary baffle plate. Top of DV Tool @ 2844'.

♦Note: (---No---) Accidents / Incidents reported ☐

♦Rig Diesel: (10,378) gal •Used: (743) gal •Total Used: (13,577) gal •Rec: (0) gal. ☐

♦Mud Diesel: (0) gal •Used: (0) gal •Total Used: (0) gal •Rec: (0) gal.

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AFE NUMBER 190107 START DATE : 1/12/2019 MIRU DATE : 2/12/2019 SPUD DATE : 2/17/2019

GROSS AFE : \$7,895 RDMO DATE : PROD Start DATE : FINALIZED DATE :

DR DATE 03/25/2019

G-DC : \$50,343 G-CC : \$1,408,748 DR TD : 5,525 PBTD : 635

ONE LINER: Drill cmt. Top of DV tool @ 2844'. Wash dwn 90'-3025'. TIH 2935'-4840'. Test csg. Drill cmt 4840'-4890'. Drill 4890'-4900'. Circ. TOOH 4900'-bit. PU dir tools. TIH 127'-4890'. Drill 4900'-5525'.

DAILY ACTIVITY:

Drilled cement, DV Tool and secondary baffle plate. Top of DV Tool @ 2844'. Worked through DV Tool and baffle plate @ 2935' multiple times for safety. Washed down 90' to 3025'.
Tripped in hole 2935' - 4840'.
Tested casing to 1500 psi for 30 minutes.
Drilled cement and float equipment 4840' - 4890'. Top of float collar @ 4847', Top of float shoe @ 4888'.
Rotate drilled 4890' - 4900' (10' @ 20.0 fph).
Circulated and tested casing shoe to 11.0 ppg EMW. Pressured up to 330 psi with 9.7 ppg mud weight.
Circulated and flow checked. Pumped slug.
Tripped out of hole 4900' - bit.
Serviced rig and Top Drive. Leveled rig.
Picked up directional tools. Picked up motor and scribed. Picked up IBS, Shock sub, NMPC, UBHO sub and NMDC. Installed MWD and surface tested. Made up 9-7/8" Ulterra Bit.
Tripped in hole 127' - 4890'.
Pulled trip nipple and installed rotating element.
Rotate drilled 4900' - 5525' (625' @ 83.3 fph).

♦Note: (---No---) Accidents / Incidents reported ☐

♦Rig Diesel: (9032) gal •Used: (1346) gal •Total Used: (14,923) gal •Rec: (0) gal. ☐

♦Mud Diesel: (0) gal •Used: (0) gal •Total Used: (0) gal •Rec: (0) gal.

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GROSS AFE : \$7,895 RDMO DATE : PROD Start DATE : FINALIZED DATE :

DR DATE 03/26/2019

G-DC : \$46,676 G-CC : \$1,455,424 DR TD : 7,372 PBTD : 1,847

ONE LINER: Drill 5525'-7372'. Circ.

DAILY ACTIVITY:

Rotate drilled 5525' - 6782' (1257' @ 93.1 fph).
Circulated and changed out swab on #2 pump #2 pot.
Serviced rig and topdrive.
Rotate drilled 6782' - 7372' (590' @ 62.1 fph).

♦Note: (---No---) Accidents / Incidents reported ☐

♦Rig Diesel: (6861) gal •Used: (2171) gal •Total Used: (17,094) gal •Rec: (0) gal. ☐

♦Mud Diesel: (0) gal •Used: (0) gal •Total Used: (0) gal •Rec: (0) gal.

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AFE NUMBER 190107 START DATE : 1/12/2019 MIRU DATE : 2/12/2019 SPUD DATE : 2/17/2019

GROSS AFE : \$7,895 RDMO DATE : PROD Start DATE : FINALIZED DATE :

DR DATE 03/27/2019

G-DC : \$42,986 G-CC : \$1,498,410 DR TD : 8,188 PBTD : 816

ONE LINER: Rot & sld 7372'-8188'. Circ.

DAILY ACTIVITY:

Rotate drilled 7372' - 7685' (313' @ 44.7 fph), Slide drilled 7685' - 7705' (20' @ 20.0 fph).
Circulated bottoms up and flow checked. No flow and well was static.
Rotate drilled 7705' - 7842' (137' @ 45.6 fph), Slide drilled 7842' - 7862' (20' @ 10.0 fph).
Rotate drilled 7862' - 8030' (168' @ 42.0 fph).
Circulated bottoms up and flow checked. No flow and well was static.
Serviced rig and top drive.
Slide drilled 8030' - 8040' (10' @ 10.0 fph), Rotate drilled 8040' - 8188' (148' @ 37.0 fph).

♦Note: (---No---) Accidents / Incidents reported ☐
♦Rig Diesel: (4162) gal •Used: (2694) gal •Total Used: (19,788) gal •Rec: (0) gal. ☐
♦Mud Diesel: (0) gal •Used: (0) gal •Total Used: (0) gal •Rec: (0) gal.

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PROPOSAL DRILL & COMPLETE A HORIZONTAL 3RD BONE SPRINGS WITH A 5000' LATERAL.

AFE NUMBER 190107 START DATE : 1/12/2019 MIRU DATE : 2/12/2019 SPUD DATE : 2/17/2019

GROSS AFE : \$7,895 RDMO DATE : PROD Start DATE : FINALIZED DATE :

DR DATE 03/28/2019

G-DC : \$63,853 G-CC : \$1,562,263 DR TD : 8,440 PBTD : 252

ONE LINER: Drill 8188'-8386'. Circ. TOO H 8386'-127'. Inst new MWD MU bit #5. TIH 127'-8386'. Circ btms up. Drill 8386'-8440'.

DAILY ACTIVITY:

Rotate drilled 8188' - 8386' (198' @ 39.6 fph). P-Rate dropped from 45 fph to 20 fph.
Circulated sweep to surface and flow checked. No flow and well was static. Mixed and pumped slug.
Tripped out of hole 8386' - 1064'. No drag observed and hole took proper fill.
Pulled rotating element and installed trip nipple.
Tripped out of hole 1064' - 127'. Hole took proper fill.
Pulled MWD and laid out. Drained motor and Broke off bit. Checked scribe on motor. Installed new MWD.
Tested motor and MWD. Bit #4 was Rung Out. Made up bit #5.
Tripped in hole 127' - 1225'.
Slipped and cut drill line.
Serviced rig and top drive.
Pulled trip nipple and installed rotating element.
Tripped in hole 1225' - 8386'.
Circulated bottoms up through Gasbuster for safety. Max gas was 682 units.
Rotate drilled 8386' - 8440' (54' @ 54.0 fph).

♦Note: (----No----) Accidents / Incidents reported ☐

♦Rig Diesel: (9032) gal •Used: (2030) gal •Total Used: (21,818) gal •Rec: (6900) gal. ☐

♦Mud Diesel: (0) gal •Used: (0) gal •Total Used: (0) gal •Rec: (0) gal.

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AFE NUMBER 190107 START DATE : 1/12/2019 MIRU DATE : 2/12/2019 SPUD DATE : 2/17/2019

GROSS AFE : \$7,895 RDMO DATE : PROD Start DATE : FINALIZED DATE :

DR DATE 03/29/2019

G-DC : \$67,141 G-CC : \$1,629,404 DR TD : 8,786 PBTD : 346

ONE LINER: Drill 8440'-8480'. Circ. TOOH 8480'-127'. Inst new MWD. Bit #5 rung out. MU bit #6. TIH 127'-8480'. Circ btms up. Chg leaking rot element. Drill 8480'-8786'.

DAILY ACTIVITY:

Rotate drilled 8440' - 8480' (40' @ 40.0 fph). P-Rate dropped from 30 fph to 15 fph.
Circulated sweep to surface and flow checked. No flow and well was static. Mixed and pumped slug.
Tripped out of hole 8480' - 1060'. No drag observed and hole took proper fill.
Pulled rotating element and installed trip nipple.
Tripped out of hole 1060' - 127'. Hole took proper fill.
Drained motor and Broke off bit. Checked scribe on motor. Installed new MWD. Tested motor and MWD.
Bit #5 was Rung Out. Made up bit #6.
Tripped in hole 127' - 4867'.
Pulled trip nipple and installed rotating element.
Serviced rig and Top Drive.
Tripped in hole 4867' - 8480'.
Circulated bottoms up through Gasbuster for safety. Max gas was 161 units.
Changed out leaking rotating element.
Rotate drilled 8480' - 8786' (306' @ 36.0 fph).

♦Note: (----No----) Accidents / Incidents reported ☐

♦Rig Diesel: (7256) gal •Used: (1776) gal •Total Used: (23,594) gal •Rec: (0) gal. ☐

♦Mud Diesel: (0) gal •Used: (0) gal •Total Used: (0) gal •Rec: (0) gal.

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GROSS AFE : \$7,895 RDMO DATE : PROD Start DATE : FINALIZED DATE :

DR DATE 03/30/2019

G-DC : \$58,412 G-CC : \$1,834,748 DR TD : 8,944 PBTD : 158

ONE LINER: Drill 8786'-8828'. Circ. TOOH 8828'-127'. MU bit #7. TIH 127'-8828'. Circ. Drill 8828'-8944'.

DAILY ACTIVITY:

Rotate drilled 8786' - 8828' (43' @ 21.5 fph). P-Rate dropped from 26 fph to 15 fph.
Circulated sweep to surface and flow checked. No flow and well was static. Mixed and pumped slug.
Tripped out of hole 8828' - 1050'. No drag observed and hole took proper fill.
Pulled rotating element and installed trip nipple.
Tripped out of hole 1050' - 127'. Hole took proper fill.
Drained motor and Broke off bit. Checked scribe on motor. Installed new MWD. Tested motor and MWD.
Bit #6 was Cored Out. Made up bit #7 Insert Bit.
Tripped in hole 127' - 4867'.
Pulled trip nipple and installed rotating element.
Tripped in hole 4867' - 8828'.
Circulated bottoms up through Gasbuster for safety. Max gas was 804 units.
Rotate drilled 8828' - 8890' (62' @ 17.7 fph).
Serviced rig and Top Drive.
Rotate drilled 8890' - 8944' (54' @ 18.0 fph).

* Total Bit K-Rev's = 51.21

◆Note: (----No----) Accidents / Incidents reported ☐

◆Rig Diesel: (5683) gal •Used: (1573) gal •Total Used: (25,167) gal •Rec: (0) gal. ☐

◆Mud Diesel: (0) gal •Used: (0) gal •Total Used: (0) gal •Rec: (0) gal.

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GROSS AFE : \$7,895 RDMO DATE : PROD Start DATE : FINALIZED DATE :

DR DATE 03/31/2019

G-DC : \$104,359 G-CC : \$1,834,748 DR TD : 9,125 PBTD : 181

ONE LINER: Drill 8944'-9125'. Circ. TOOH 9125'-127'. MU bit #8. TIH 127'-8216'.

DAILY ACTIVITY:

Rotate drilled 8944' - 9125' (181' @ 16.4 fph).
Circulated sweep to surface and flow checked. No flow and well was static. Mixed and pumped slug.
Serviced rig and top drive.
Tripped out of hole 9125' - 4719'. No drag observed and hole took proper fill.
Pulled rotating element and installed trip nipple.
Tripped out of hole 4719' - 127'. Hole took proper fill.
Drained motor and Broke off bit. Checked scribe on motor. Installed new MWD. Tested motor and MWD.
Bit #7 in good shape. Made up bit #8 Baker PDC Bit.
Tripped in hole 127' - 4816'.
Pulled trip nipple and installed rotating element.
Tripped in hole 4816' - 8216'.

♦Note: (---No---) Accidents / Incidents reported ☐

♦Rig Diesel: (10,938) gal •Used: (2045) gal •Total Used: (27,212) gal •Rec: (7300) gal. ☐

♦Mud Diesel: (0) gal •Used: (0) gal •Total Used: (0) gal •Rec: (0) gal.

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GROSS AFE : \$7,895 RDMO DATE : PROD Start DATE : FINALIZED DATE :

DR DATE 04/01/2019

G-DC : \$42,573 G-CC : \$1,834,748 DR TD : 9,669 PBTD : 544

ONE LINER: TIH 8216'-9125'. Circ btms up. Drill 9125'-9544'. Circ btms up. H2S alarm sounded. SI well & dump pits. Disp w/ 10.0 ppg brine. Chg out leaking rot elem. Drill 9544'-9669'.

DAILY ACTIVITY:

Tripped in hole 8216' - 9125'.
Circulated bottoms up through Gasbuster for safety. Max gas was 965 units.
Rotate drilled 9125' - 9544' (419' @ 41.9 fph). H2S alarms sounded. H2S at shakers was 100 ppm.
Circulated bottoms up through Choke and Gasbuster with 195 ppm H2S. Max gas was 3593 units.
Shut well in and dumped pits. Transferred 10# Brine to active system.
Displaced well with 10.0 ppg brine through Choke and Gasbuster with 25 ppm H2s to 0 ppm. Max gas was 2750 units.
Serviced rig and top drive.
Changed out leaking rotating element.
Rotate drilled 9544' - 9669' (125' @ 35.7 fph).

♦Note: (---No---) Accidents / Incidents reported ☐
♦Rig Diesel: (9615) gal •Used: (1323) gal •Total Used: (28,535) gal •Rec: (0) gal. ☐
♦Mud Diesel: (0) gal •Used: (0) gal •Total Used: (0) gal •Rec: (0) gal.

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AFE NUMBER 190107 START DATE : 1/12/2019 MIRU DATE : 2/12/2019 SPUD DATE : 2/17/2019

GROSS AFE : \$7,895 RDMO DATE : PROD Start DATE : FINALIZED DATE :

DR DATE 04/02/2019

G-DC : \$66,198 G-CC : \$1,900,946 DR TD : 10,203 PBTD : 534

ONE LINER: Drill 9669'-10203'. Circ. TOOH 10203'-484'. PU curve assy.

DAILY ACTIVITY:

Rotate drilled 9669' - 10,203' (534' @ 48.5 fph).
Circulated sweep to surface and flow checked. No flow and well was static. Mixed and pumped slug.
Tripped out of hole 10,203' - 1095'. No drag observed and hole took proper fill.
Pulled rotating element and installed trip nipple.
Tripped out of hole 1095' - 484'. Hole took proper fill.
Laid down 9 6-1/2" drill collars and 3 8" drill collars 484' - 127'.
Laid down directional tools. Bit was in good shape 1-1-WT-A-X-I.
Serviced rig and top drive.
Picked up Curve assembly.

♦Note: (---No---) Accidents / Incidents reported ☐
♦Rig Diesel: (7256) gal •Used: (2359) gal •Total Used: (30,894) gal •Rec: (0) gal. ☐
♦Mud Diesel: (0) gal •Used: (0) gal •Total Used: (0) gal •Rec: (0) gal.

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GROSS AFE : \$7,895 RDMO DATE : PROD Start DATE : FINALIZED DATE :

DR DATE 04/03/2019

G-DC : \$44,887 G-CC : \$1,945,833 DR TD : 10,492 PBTD : 289

ONE LINER: PU curve assy. MU bit #9. TIH 178'-10203'. Circ. Rot & sld 10203'-10492'.

DAILY ACTIVITY:

Picked up Curve assembly and scribed. Installed MWD. Tested motor and MWD.
 Made up bit #9 Halliburton MMD64C.
 Tripped in the hole From 178' - 4890'
 Pulled trip nipple and Installed Rotating head.
 Tripped in the hole From 4890' - 10203'
 Circulated bottom up. Max gas: 1221 units. 0 PPM Max H2S. McGuire safety gave all clear.
 Slide drilled 10,203' - 10,240' (37' @ 15.1 fph), Rotate drilled 10,240' - 10,243' (3' @ 25.0 fph).
 Slide drilled 10,243' - 10,271' (28' @ 28.0 fph).
 Rotate drilled 10,271' - 10,276' (5' @ 20.0 fph), Slide drilled 10,276' - 10,303' (27' @ 21.6 fph).
 Rotate drilled 10,303' - 10,309' (6' @ 24.0 fph), Slide drilled 10,309' - 10,335' (26' @ 11.6 fph).
 Rotate drilled 10,335' - 10,339' (4' @ 16.0 fph), Slide drilled 10,339' - 10,366' (27' @ 21.6 fph).
 Rotate drilled 10,366' - 10,370' (4' @ 16.0 fph), Slide drilled 10,370' - 10,397' (27' @ 15.4 fph).
 Rotate drilled 10,397' - 10,402' (5' @ 20.0 fph), Slide drilled 10,402' - 10,429' (27' @ 36.0 fph).
 Rotate drilled 10,429' - 10,433' (4' @ 16.0 fph), Slide drilled 10,433' - 10,460' (27' @ 36.0 fph).
 Serviced rig and top drive.
 Rotate drilled 10,460' - 10,467' (7' @ 28.0 fph), Slide drilled 10,467' - 10,492' (25' @ 14.3 fph).

 McGuire Safety on site to monitor for H2S

 ♦Note: (---No---) Accidents / Incidents reported ☐
 ♦Rig Diesel: (5296) gal •Used: (1960) gal •Total Used: (32,854) gal •Rec: (0) gal. ☐
 ♦Mud Diesel: (0) gal •Used: (0) gal •Total Used: (0) gal •Rec: (0) gal.

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DR DATE 04/04/2019

G-DC : \$75,334 G-CC : \$2,021,167 DR TD : 11,090 PBTD : 598

ONE LINER: Rot & sld 10492'-11090'. Circ.

DAILY ACTIVITY:

Rotate drilled 10,492' - 10,500' (8' @ 16.0 fph), Slide drilled 10,500' - 10,523' (23' @ 46.0 fph).
 Rotate drilled 10,523' - 10,528' (5' @ 10.0 fph), Slide drilled 10,528' - 10,587' (59' @ 23.6 fph).
 Rotate drilled 10,587' - 10,593' (6' @ 12.0 fph), Slide drilled 10,593' - 10,618' (25' @ 50.0 fph).
 Rotate drilled 10,618' - 10,623' (5' @ 10.0 fph), Slide drilled 10,623' - 10,681' (58' @ 58.0 fph).
 Rotate drilled 10,681' - 10,689' (8' @ 16.0 fph), Slide drilled 10,689' - 10,712' (23' @ 46.0 fph).
 Rotate drilled 10,712' - 10,722' (10' @ 20.0 fph), Slide drilled 10,722' - 10,775' (53' @ 35.3 fph).
 Rotate drilled 10,775' - 10,781' (6' @ 12.0 fph), Slide drilled 10,781' - 10,806' (25' @ 16.6 fph).
 Rotate drilled 10,806' - 10,810' (4' @ 8.0 fph), Slide drilled 10,810' - 10,869' (59' @ 39.3 fph).
 Rotate drilled 10,869' - 10,872' (3' @ 6.0 fph), Slide drilled 10,872' - 10,900' (28' @ 28.0 fph).
 Rotate drilled 10,900' - 10,910' (10' @ 20.0 fph), Slide drilled 10,910' - 10,932' (22' @ 22.0 fph).
 Rotate drilled 10,932' - 10,935' (3' @ 6.0 fph), Slide drilled 10,935' - 10,995' (60' @ 40.0 fph).
 Rotate drilled 10,995' - 11,005' (10' @ 20.0 fph), Slide drilled 11,005' - 11,027' (22' @ 44.0 fph).
 Serviced rig and top drive.
 Rotate drilled 11,027' - 11,042' (15' @ 30.0 fph), Slide drilled 11,042' - 11,058' (16' @ 16.0 fph).
 Rotate drilled 11,058' - 11,062' (4' @ 8.0 fph), Slide drilled 11,062' - 11,090' (28' @ 28.0 fph). Curve Landed
 Circulated sweeps surface to surface.

♦Note: (----No----) Accidents / Incidents reported ☐
 ♦Rig Diesel: (9807) gal •Used: (2790) gal •Total Used: (35,644) gal •Rec: (7301) gal. ☐
 ♦Mud Diesel: (0) gal •Used: (0) gal •Total Used: (0) gal •Rec: (0) gal.

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GROSS AFE : \$7,895 RDMO DATE : PROD Start DATE : FINALIZED DATE :

DR DATE 04/05/2019

G-DC : \$42,457 G-CC : \$2,063,624 DR TD : 11,090 PBTD : 0

ONE LINER: Cont crc. TOOH 11090'-BHA. LD MWD & curve assy. PU & MU reamer assy. TIH w/ reamer assy to 10100'. Wash & ream 10100'-10440'. Pipe stuck @ 10440' w/full circ. Currently working pipe.

DAILY ACTIVITY:

Continued Circulated sweeps surface to surface till shakers clean. Flow check. Well Static. Pump Slug.
 Tripped out of the hole 11,090' - 2330'. Hole had no drag and took proper fill.
 Pulled rotating element and installed trip nipple.
 Tripped out of the hole 2330' - BHA'. Hole had no drag and took proper fill.
 Laid down MWD and curve assembly. Bit was in gauge and 2-4-BT-S-X-1/4".
 Picked up and made up Phantom reamer assembly. Made up #RR8 Bit.
 Tripped in hole with Phantom reamer assembly to 4890'.
 Pulled trip nipple and installed rotating element.
 Slipped and cut drill line.
 Serviced rig and topdrive.
 Tripped in hole 4890' - 10,100'.
 Washed and reamed 10,100' - 10,395'.
 Pipe became stuck at 10,395' with full circulation. Worked pipe free.
 Washed and reamed 10,395' - 10,440'.
 Pipe Became stuck at 10,440' with full circulation. Currently working pipe.

♦Note: (----No----) Accidents / Incidents reported ☐

♦Rig Diesel: (8246) gal •Used: (1561) gal •Total Used: (37,205) gal •Rec: (0) gal. ☐

♦Mud Diesel: (0) gal •Used: (0) gal •Total Used: (0) gal •Rec: (0) gal.

ABRAXAS PETROLEUM CORPORATION

Daily Drilling Report

BGT # 20190010 AREA WOLFCAMP WELL WOODBERRY 3 #101H (3rd BS-L)

PROPOSAL DRILL & COMPLETE A HORIZONTAL 3RD BONE SPRINGS WITH A 5000' LATERAL.

AFE NUMBER 190107 START DATE : 1/12/2019 MIRU DATE : 2/12/2019 SPUD DATE : 2/17/2019

GROSS AFE : \$7,895 RDMO DATE : PROD Start DATE : FINALIZED DATE :

DR DATE 04/06/2019

G-DC : \$75,710 G-CC : \$2,212,300 DR TD : 11,090 PBTD : 0

ONE LINER: Worked stuck pipe @ 10440', pipe came free, backreamed 10440'-10100', checked flow, well static, pumped slug, TH 10100' - BHA, broke bit, LD reamer & stablizer, made up new bit & reamer. TIH to 4890'-10141'. Washed & reamed 10141'-10440'.

DAILY ACTIVITY:

Worked Stuck pipe at 10440'. Pumped two 75 Bbl High vis 10 ppb nut plug, 5lb ppb beads sweeps while working pipe. Pipe became free with full circulation.
Backreamed out of hole from 10,440' to 10,100'. Flow check. Well static. Pumped slug.
Tripped out of hole 10,100' to BHA. Bit was 1-3-CT-S-X-I. Reamer had 24 chipped or missing cutters.
Broke off Baker bit. Made up Smith Bit #10 MSI 813. Broke out Phantom reamer laid down same picked up and made up new 9 5/8" Phantom Reamer. Laid down stabilizer.
Serviced rig and top drive
Tripped in the hole to 4890'. (Picked up Yellowjacket Drilling jar at 1982'.)
Pulled trip nipple and installed rotating element.
Tripped in the hole 4890' - 10,141'.
Washed and reamed 10,141' - 10,440'.

♦Note: (---No---) Accidents / Incidents reported ☐

♦Rig Diesel: (10,660) gal •Used: (1886) gal •Total Used: (39,091) gal •Rec: (4300) gal. ☐

♦Mud Diesel: (0) gal •Used: (0) gal •Total Used: (0) gal •Rec: (0) gal.

ABRAXAS PETROLEUM CORPORATION

Daily Drilling Report

BGT # 20190010 AREA WOLFCAMP WELL WOODBERRY 3 #101H (3rd BS-L)

PROPOSAL DRILL & COMPLETE A HORIZONTAL 3RD BONE SPRINGS WITH A 5000' LATERAL.

AFE NUMBER 190107 START DATE : 1/12/2019 MIRU DATE : 2/12/2019 SPUD DATE : 2/17/2019

GROSS AFE : \$7,895 RDMO DATE : PROD Start DATE : FINALIZED DATE :

DR DATE 04/07/2019

G-DC : \$39,289 G-CC : \$2,212,300 DR TD : 11,090 PBTD : 0

ONE LINER: Washed & reamed 10440'-11090', circ sweep, pumped slug, TOH 11090'-10209', circ sweeps. TOH 11090' - 10191'. LD DP 10191'-2042', Installed trip nipple, LD DP to 2042' to BHA, broke bit and LD reamer. TIH 10 stds 5" DP to 1200'. LD 5" DP to 1200'-500'

DAILY ACTIVITY:

Washed and reamed 10,440' - 11,090'. 703 GPM, 95 RPM, 15K WOB.
Circulated sweep surface to surface till shakers clean. Flow check. Well Static. Pump Slug.
Tripped out of hole 11,090' to TOC 10,209' for short trip. Tripped back to bottom at 11,090'. Hole Slick no drag.
Circulated sweeps surface to surface till shakers clean. Spotted 100 BBL high vis pill in curve. Flow Check
Well Static. Pumped Slug.
Tripped out of hole 11,090' - 10,191'. 1 stand above KOP. Hole slick no drag.
Tripped out of hole laying down 5" D.P. From 10,191' - 2042'.
Removed rotating element and installed trip nipple.
Laid down 5" drill pipe 2042' to bit. Laid down reamer and broke bit.
Serviced rig and top drive.
Tripped in the hole with 11 stands 5" drill pipe to 1200'.
Laid down 5" drill pipe 1200' to 500'.

♦Note: (---No---) Accidents / Incidents reported ☐

♦Rig Diesel: (9032) gal •Used: (1628) gal •Total Used: (40,719) gal •Rec: (0) gal. ☐

♦Mud Diesel: (0) gal •Used: (0) gal •Total Used: (0) gal •Rec: (0) gal.

ABRAXAS PETROLEUM CORPORATION

Daily Drilling Report

BGT # 20190010 AREA WOLFCAMP WELL WOODBERRY 3 #101H (3rd BS-L)

PROPOSAL DRILL & COMPLETE A HORIZONTAL 3RD BONE SPRINGS WITH A 5000' LATERAL.

AFE NUMBER 190107 START DATE : 1/12/2019 MIRU DATE : 2/12/2019 SPUD DATE : 2/17/2019

GROSS AFE : \$7,895 RDMO DATE : PROD Start DATE : FINALIZED DATE :

DR DATE 04/08/2019

G-DC : \$33,677 G-CC : \$2,212,300 DR TD : 11,090 PBTD : 0

ONE LINER: LD 5" DP, cleaned and cleared rig floor, pulled wear bushing, RU csg crew, ran 7-5/8" csg to 6442', DV took at 3588', installed rot element, ran 7-5/8" csg 6422'-11090', circ hole clean for cmt, switched over to C&J cmt, cmt 1st stage.

DAILY ACTIVITY:

Laid down 5" drill pipe 500' to 0'.
Cleaned and cleared rig floor. Attempt to Break off bit from bit sub. Rig Bit breaker broke and was unable to break bit. Laid bit with bit sub down. Will break when new breakers arrive.
Pulled Wear Bushing.
Rigged up Pipe Pros casing crew, Torque Turn and CRT. Held safety meeting with all personnel. Innovex DV tool hand & Thread Rep on location.
Ran float shoe, 2 shoe joints, float collar, 87 joints 7-5/8", 29.7#, HCL80, BTC casing to 3,588.85', DV Tool assembly to 3,616.52', 68 joints 7-5/8", 29.7#, HCL80, BTC casing to 6422'.
Pulled trip nipple and installed rotating element. Filled pipe and broke circulation.
Ran 112 joints 7-5/8", 29.7#, HCL80, BTC casing 6422' to 11,090'. DV Tool set @ 7490'.
Filled pipe and broke circulation at 10,085'.
Circulated and conditioned hole for cementing with full returns. Max gas was 533 units at bottoms up.
Held safety meeting with C&J Energy. Rigged down CRT and rigged up cementing equipment.
Switched lines to C&J Energy cementers and tested to 4000 psi. Pumped 20 bbls 8.3# Fresh water ahead.
Cemented with 360 sacks Class H:POZ 50:50 + 10% Gel + 1% SM + .55% Retarder + .3% Antifoam + .25% Flake + 5.0% Salt (188 bbls, 11.3 ppg, 2.94 yield). Tailed in with 100 sx Class H + .1% Retarder + .2% Antifoam + .1% HP Fluid Loss + .15% LT Fluid Loss (21 bbls, 15.6 ppg, 1.19 yield). Dropped plug and displaced with 350 bbls water Gone at 0600.

Notified Audri Op#2 @ RRC of intent to run/cement 2nd intermediate casing @ 14:30 4-7-19
McGuire Safety on site to monitor for H2S. 0 H2S observed. Max gas 533 units.
♦Note: (---No---) Accidents / Incidents reported □
♦Rig Diesel: (8048) gal •Used: (984) gal •Total Used: (41,703) gal •Rec: (0) gal. □
♦Mud Diesel: (0) gal •Used: (0) gal •Total Used: (0) gal •Rec: (0) gal.

ABRAXAS PETROLEUM CORPORATION

Daily Drilling Report

BGT # 20190010 AREA WOLFCAMP WELL WOODBERRY 3 #101H (3rd BS-L)

PROPOSAL DRILL & COMPLETE A HORIZONTAL 3RD BONE SPRINGS WITH A 5000' LATERAL.

AFE NUMBER 190107 START DATE : 1/12/2019 MIRU DATE : 2/12/2019 SPUD DATE : 2/17/2019

GROSS AFE : \$7,895 RDMO DATE : PROD Start DATE : FINALIZED DATE :

DR DATE 04/09/2019

G-DC : \$95,885 G-CC : \$2,308,185 DR TD : 11,090 PBTD : 0

ONE LINER: Displaced 1st stage, set pkr & tested 3513 psi. Dropped bom and opened DV tool. Circ btms up, returned 10 bbls cmt & 20 bbls spacer. Cmt 2nd stage. ND, set slips, cut csg, NU BOP's, changed out rams, RD NU crew. RU, test BOP's 250 PSI low 5000 psi.

DAILY ACTIVITY:

Displaced total 505 bbls water. Bumped plug with 2050 psi final displacement pressure. Bled pressure to 0 and floats held. Bled off 4.0 bbls. Good returns through out cementing job. Pressured up and set packer. Tested packer to 3513 psi. Dropped DV bomb and waited to seat. DV Tool set @ 7490'. Opened DV tool with 510 psi and circulated bottoms up. Returned 10 bbls cement and 20 bbls spacer. Switched lines to C&J Energy cements. Pump 20 bbls 8.3# Fresh water ahead. Cemented with 295 sacks Class H:POZ 50:50 + 10% Gel + 1.0% SM + .3% Antifoam + .25 pps Flake + 5.0% Salt (154 bbls, 11.3 ppg, 2.95 yield). Tailed in with 105 sx Class H + 1% LT Fluid Loss (22 bbls, 15.6 ppg, 1.19 yield). Dropped plug and displaced with 343 bbls water. Bumped plug with 2460 psi final displacement pressure. Bled pressure to zero and floats held. Bled off 3.5 bbls. Returned 0 bbls cement to surface. Waited on cement. Washed through BOP stack and flowline with sugar water for safety. Prepared for nipple down. Removed mousehole and turnbuckles. Installed BOP wrangler on BOPE. Held safety meeting with all personnel, and cleaning crew. Rigged up Monahans Nipple Up crew. Nipped down BOP's and raised BOP. Never seized bowl & Set slips at 325k. Made rough cut on 7-5/8" L/D. Made final cut and Installed bit guide and lowered stack. Torqued up BOP's. Changed out guide and lowered stack. Torqued up BOP's. Changed out upper pipe rams from 5"X7" VBR's to 3-1/2" x 5" VBR's. Rigged down Monahans Nipple Up crew. Changed out saver sub and grabbers on Top Drive. Picked up 4" handling tools. Held safety meeting with all personnel. Rigged up Monahans Test crew. Tested BOP related equipment to 250 psi low and 5000 psi high. Hydrill 250low 3500 high.

Cleaning crew started on pits at 1900.

♦Note: (---No---) Accidents / Incidents reported ☐

♦Rig Diesel: (13,151) gal •Used: (1197) gal •Total Used: (42,900) gal •Rec: (6300) gal. ☐

♦Mud Diesel: (8900) gal •Used: (0) gal •Total Used: (0) gal •Rec: (8900) gal.

ABRAXAS PETROLEUM CORPORATION

Daily Drilling Report

BGT # 20190010 AREA WOLFCAMP WELL WOODBERRY 3 #101H (3rd BS-L)

PROPOSAL DRILL & COMPLETE A HORIZONTAL 3RD BONE SPRINGS WITH A 5000' LATERAL.

AFE NUMBER 190107 START DATE : 1/12/2019 MIRU DATE : 2/12/2019 SPUD DATE : 2/17/2019

GROSS AFE : \$7,895 RDMO DATE : PROD Start DATE : FINALIZED DATE :

DR DATE 04/11/2019

G-DC : \$52,599 G-CC : \$2,427,898 DR TD : 11,100 PBTD : 0

ONE LINER: P/U 4" DP to 7539', drilled baffle plate, P/U DP to 10915', displace well w/ 11.6 ppg OBM. Drilled cmt and float equip. Rot & drilled 11090'-11100', performed FIT, TOH to 7038'. TOH to the bit. LD bit and sub. PU lateral assembly. TIH to 143'-5844'.

DAILY ACTIVITY:

Picked up 4" drill pipe off rack and run in hole to 7539'. Drifted all drill pipe while picking up from racks.
 Drilled Baffle plate. From 7539' to 7541'. Worked through 4 times. No drag.
 Picked up 4" drill pipe off rack and run in hole to 10900'. Drifted all drill pipe while picking up from racks.
 Tagged up on hard cement at 10915'. Tested casing to 3000 psi for 30 minutes.
 Circulate and Displace hole with 11.6 PPG OBM
 Drilled cement and float equipment 10,915' - 11,090'. Top of float collar @ 10998', Top of shoe @ 11,090'.
 Rotate drilled 11,090' - 11,100' (10' @ 20 fph).
 Circulated and tested casing shoe to 14.0 ppg EMW. Pressured up to 1345 psi with 11.6 ppg OBM.
 Flow checked, well static. Pumped slug.
 Tripped out of hole for lateral drilling assembly to 7038'.
 Pulled rotating element and installed trip nipple.
 Tripped out of hole for lateral drilling assembly to bit. Laid down bit and bit sub.
 Serviced rig and topdrive.
 Picked up lateral assembly. Scribed motor and installed MWD. Tested motor and MWD. Made up 6-3/4" bit.
 Tripped in hole 143' - 5844'.

DTI pipe inspectors on location @ 0830 am. Left @ 7:30pm

♦Note: (---No---) Accidents / Incidents reported ☐
 ♦Rig Diesel: (11,302) •Used: (1213) gal •Total Used: (44,749) gal •Rec: (0) gal. ☐
 ♦Mud Diesel: (5892) gal •Used: (581) gal •Total Used: (3008) gal •Rec: (0) gal.

ABRAXAS PETROLEUM CORPORATION

Daily Drilling Report

BGT # 20190010 AREA WOLFCAMP WELL WOODBERRY 3 #101H (3rd BS-L)

PROPOSAL DRILL & COMPLETE A HORIZONTAL 3RD BONE SPRINGS WITH A 5000' LATERAL.

AFE NUMBER 190107 START DATE : 1/12/2019 MIRU DATE : 2/12/2019 SPUD DATE : 2/17/2019

GROSS AFE : \$7,895 RDMO DATE : PROD Start DATE : FINALIZED DATE :

DR DATE 04/12/2019

G-DC : \$69,796 G-CC : \$2,882,210 DR TD : 12,040 PBTD : 940

ONE LINER: TIH 5844'-11100'. Rot & Sld 11100'-12040'.

DAILY ACTIVITY:

Tripped in hole 5844' - 11100'.
Slide drilled 11,100' - 11,124' (24' @ 24.0 fph).
Rotate drilled 11,124' - 11,245' (121' @ 80.66 fph).
Slide drilled 11,245' - 11,260' (15' @ 15.0 fph).
Rotate drilled 11,260' - 11,432' (172' @ 68.8 fph).
Slide drilled 11,432' - 11,442' (10' @ 20.0 fph).
Rotate drilled 11,442' - 11,526' (84' @ 168 fph).
Serviced rig and topdrive.
Slide drilled 11,526' - 11,545' (19' @ 19.0 fph).
Rotate drilled 11,545' - 11,724' (179' @ 71.6 fph).
Slide drilled 11,724' - 11,738' (14' @ 28.0 fph).
Rotate drilled 11,738' - 11,781' (43' @ 86 fph).
Slide drilled 11,781' - 11,852' (71' @ 23.6 fph).
Rotate drilled 11,852' - 11,871' (19' @ 38 fph).
Slide drilled 11,871' - 11,893' (22' @ 14.6 fph).
Rotate drilled 11,893' - 11,965' (72' @ 72 fph).
Slide drilled 11,965' - 11,972' (7' @ 14.0 fph).
Rotate drilled 11,972' - 12,040' (68' @ 45.3 fph).

DTI pipe inspectors on location @ 0830 hrs. Left @ 2000 hrs.

♦Note: (---No---) Accidents / Incidents reported □

♦Rig Diesel: (10,753) •Used: (1549) gal •Total Used: (46,298) gal •Rec: (1000) gal. □

♦Mud Diesel: (9452) gal •Used: (2740) gal •Total Used: (5748) gal •Rec: (6300) gal.