

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 :

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

DR DATE 02/12/2019

G-DC : \$27,905 G-CC : \$243,183 DR TD : 108 PBTD : 0

ONE LINER: PJSM. MIRU. Beg move from Hackberry 201H to Woodberry 101H. 90%RD, 50% moved, 25% RU.

DAILY ACTIVITY:

Held PJSM with Abraxas, Patterson, Stellar, Mangum trailer Houses. Lowered Substructure to ground. bleed any trapped air. Lowered Derrick to Headache rack at 12:00 AM Noon. Broke apart trip tank skid, Shaker skid, and Mud Tanks. Loaded and Hauled to Woodberry 3 101H. Rigged Down Generators and VFD house. Loaded and hauled same to New location. Dress out Derrick and prepare for lower to Ground. Began Spotting mud tanks on New location. Spotted Mud pump #1 and #2.
Dressed out derrick. Removed ST80 and BOP handler from subs and load out. Removed cylinders from derrick. Broke crown section and A-leg sections of derrick apart and set on racks for cleaning. Continued hauling all tubulars and misc. to Woodberry pad. Moved Abraxas, and Patterson camp to the new location. Wait on Daylight

Began move from Hackberry 201H to Woodberry 3 101H
90% Rigged Down - 50% Moved - 25% Rigged Up
Trucks Shut down @ 1800 hrs.(56 loads hauled to new location)
5J Trucking Equipment and personnel:
18 Trucks - 3 Cranes - 1 Tandem - 1 Pole Truck - 2 Forklifts.
Personnel: 36. Lightning Safetyman on location.

♦Note: (---N0---) Accidents / Incidents reported. □
♦Rig Diesel: (2248) gal •Used: (0) gal •Total Used: (0) 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 :

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

DR DATE 02/13/2019

G-DC : \$60,912 G-CC : \$243,183 DR TD : 108 PBTD : 0

ONE LINER: PJSM. 100%RD, 85% moved, 45 % RU. Waiting on daylight.

DAILY ACTIVITY:

Held PJSM with Abraxas, Patterson, Stellar, and 5J trucking. Cleaned derrick of OBM mud. Clean sub sides. Removed draw works from mud boat. Rigged down subs. Pull Center steel from sub. Remove doghouses. Broke apart, loaded, and hauled substructure to Woodberry 3 101H. Had to remove pony subs from Substructure due to over weight. Loaded Drill pipe, and hauled to new location. Loaded all Misc. items and hauled to new location. Spotted and set Shaker Skid. Set Gen package, and diesel tank. Set mats , and Set substructure. Installed center steel. Set off drillers side Doghouse. Installed Mud Boat. Pin lower Derrick section to rig floor. Waited on Daylight.

100% Rigged Down - 85% Moved - 45% Rigged Up
Trucks Shut down @ 1800 hrs.(37 loads hauled to new location)
Cleaning crew cleaned derrick of OBM from 7AM to 3PM

5J Trucking Equipment and personnel:
18 Trucks - 3 Cranes - 1 Tandem - 1 Pole Truck - 2 Forklifts.
Personnel: 36. 5J Safetyman on location.

◆Note: (---N0---) Accidents / Incidents reported.□
◆Rig Diesel: (9148) gal •Used: (0) gal •Total Used: (0) gal •Rec: (6900) gal. □
◆Mud Diesel: (0) gal •Used: (0) gal •Total Used: (0) gal •Rec: (0) gal.

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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 :

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

DR DATE 02/14/2019

G-DC : \$30,136 G-CC : \$243,183 DR TD : 108 PBTD : 0

ONE LINER: PJSM. 100% RD, 100% moved, 70% RU.

DAILY ACTIVITY:

Held PJSM with Abraxas, 5J Trucking and Patterson-UTI.
Attempted to change out topdrive track cylinder. Pinned crown section to lower section. Pinned derrick cylinders to derrick. Raised and dressed out derrick board. Dressed out derrick and performed NPI on service loop track. Changed out derrick climber weight bucket. Performed derrick inspection.
Performed PJSM with all personnel. Raised derrick and pinned to floor.
Unpinned derrick cylinders and retrack. Installed mud line to stand pipe. Ran electric, air and water lines.
Held PJSM with all personnel. Raised sub-structure and pinned.
Crews released at 1900hrs. Bring night crew back at 0200hrs.
Retracked cylinders. Rolled up hydraulic lines. Spooled up hydraulic hoist. Made up electric lines to junction box. Spooled up boom pole hoist. Made up water and air lines under floor. Rolled out walking package lines.

100% Rigged Down - 100% Moved - 70% Rigged Up
Trucks Shut down @ 1800 hrs.(0 loads hauled to new location)

5J Trucking Equipment and personnel:
2 Cranes - 1 Tandem - 1 Pole Truck - 2 Forklifts.
Personnel: 15. 5J Safetyman on location.

♦Note: (---N0---) Accidents / Incidents reported. □
♦Rig Diesel: (8836) gal •Used: (312) gal •Total Used: (312) gal •Rec: (0) gal. □
♦Mud Diesel: (0) gal •Used: (0) gal •Total Used: (0) gal •Rec: (0) gal.

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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 :

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

DR DATE 02/15/2019

G-DC : \$129,062 G-CC : \$372,245 DR TD : 108 PBTD : 0

ONE LINER: PJSM. 100% RD, 100% moved, 85% RU

DAILY ACTIVITY:

Held PJSM with Abraxas, 5J Trucking and Patterson-UTL.
Set mud boat and Drawworks skid. Pinned same. Set Pipe wrangler. Raised Grasshopper to rig floor and pinned same. Raised grasshopper to drawworks and pinned same. Set staircases to rig floor. Set Accumulator Skid. Installed V-door. Set parts houses. Set Fresh water and Brine frac tanks. Hooked up same. Installed pumps and all hoses to reserve pit for drilling water. Installed pump to OBM Frac tanks. Offload all directional tools and stabilizers.
Hooked up misc. electric lines. Hooked up air lines to drawworks. Hooked up water lines from grasshopper. Made up mud lines from pumps to sub-structure. Made up mud lines from sub-structure to rig floor. Made up kill line to rig floor. Began loading handling tools to rig floor. Rigged up water lines to water tanks.

Note: Working with electricians to troubleshoot communication issues with topdrive, drawworks and pumps.

100% Rigged Down - 100% Moved - 85% Rigged Up

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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 02/16/2019

G-DC : \$61,164 G-CC : \$623,830 DR TD : 108 PBTD : 0

ONE LINER: Inst wraps on drawworks. NU Flowline, kill line, & csg fill hose. RU PVC lines from mud tanks. Hook up water lines. Staged out BHA. Strap & caliper BHA components. Mix spud mud.

DAILY ACTIVITY:

Installed wraps on drawworks. Spooled up drawworks and installed wraps on horses head. Unhang blocks and pin to topdrive. Undock topdrive and calibrate drawworks, check stop points. Swapped power from camp power to rig power.
Welded 20" riser on conductor, installed turnbuckles and centered conductor. Nipped up flowline, kill line and casing fill hose. Rigged up PVC lines from mud tanks to reserve pit. Rigged up shaker slide and pump. Hooked up water line to shaker slide. Installed shaker screens. Installed cellar pump and hoses. Performed pre-spud inspection.
Staged out BHA on racks for picking up. Strapped and calipered BHA components. Mix spud mud.

Rig on company time at 1400 hrs. on 02/15/2019

♦Note: (---N0---) Accidents / Incidents reported.□
♦Rig Diesel: (8147) gal •Used: (493) gal •Total Used: (1001) gal •Rec: (0) gal. □
♦Mud Diesel: (0) gal •Used: (0) gal •Total Used: (0) gal •Rec: (0) gal.

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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 02/17/2019

G-DC : \$47,108 G-CC : \$623,830 DR TD : 1,475 PBTD : 1,371

ONE LINER: Fin strapping & caliper BHA. PU & MU motor, monels & inst MWD. Rot & sld 104'-1475'. Short TOOH 1475'-339'.

DAILY ACTIVITY:

Finished Strapping and caliper BHA components , and Mixing spud mud.
Picked up and made up motor, monels and installed MWD. Tested motor and MWD. Made up 17-1/2" bit. Picked up 1 stand of heavyweight drill pipe as Kelly joint.
Tested mud lines. Replaced O ring in Stand pipe. Cleared calcium scale from liner washer cooling lines.
Rotate drilled 104' - 312' (208' @ 46.2 fph). Ran reduced GPM's, WOB and RPM's to 500'.
Slide drilled 312' - 327' (15' @ 30 fph)
Rotate drilled 327' - 1475' (1148' @ 104.3 fph). TD Surface.
Circulated sweep surface to surface. Flow checked and well was static. Mixed and pumped slug.
Short tripped out of hole 1475' to 339'. Hole took proper fill and observed no drag.

Spud Well on 02/16/2019 @ 1100 hrs.
Notified Audry with TRRC of intent to spud well and run casing/cement surface on 02/16/2019 @ 1600 hrs.
♦Note: (---N0---) Accidents / Incidents reported. □
♦Rig Diesel: (6861) gal •Used: (1286) gal •Total Used: (2287) 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 02/18/2019

G-DC : \$143,313 G-CC : \$623,830 DR TD : 1,475 PBTD : 0

ONE LINER: Short TOO H from 339'-BHA. LD MWD. TIH to 1475'. Circ. TOO H 1475'-134'. RU csg crew & CRT. PJSM. Circ & cond for cmtng. PJSM. Cmted w/1005 sxs. Tailed in w/225 sxs. Return 150 bbls cmt to surf. Wait on cmt. RD CRT & RU cmtrs.

DAILY ACTIVITY:

Short tripped out of hole from 339' - BHA. Hole took proper fill and observed no drag.
Cleaned stabilizers and bit. Pulled and laid down MWD. Laid down UBHO and 1 IBS Stabilizer.
Tripped in hole to 1475'.
Circulated sweep surface to surface. Flow checked and well was static. Mixed and pumped slug.
Tripped out 1475' - 134' for 13-3/8" casing. Racked NMDC in derrick. Hole took proper fill and had no drag.
Broke bit, laid down stabilizer and motor.
Cleaned and cleared rig floor for casing run.
Rigged up Pipe Pros casing crew and CRT. Held safety meeting with all personnel.
Ran float shoe, shoe joint, float collar and 35 joints 13-3/8", 48#, J55, STC casing to 1475'.
Circulated and conditioned hole for cementing.
Held safety meeting with all personnel. Rigged down CRT and rigged up BJ Cementers.
Switched lines to C&J Energy cementers and tested to 3500 psi. Pumped 20 bbls fresh water spacer ahead.
Cemented with 1005 sacks Class C + 2% Sodium Metasilicate + .25 pps Flake (426.8 bbls, 12.0ppg, 2.39 yield). Tailed in with 225 sacks Class C + 1% Calcium Chloride (53 bbls, 14.8 ppg, 1.34 yield).
Dropped top plug and displaced with 224.5 bbls fresh water. Bumped plug with 500 psi over final displacement pressure. Bled pressure to zero and floats held. Had full returns and returned 150 bbls cement to surface. Rigged down C&J Energy.
Waited on cement. Washed through conductor and flowline with sugar water. Nippled down flowline, fill up lines and turnbuckles.

♦Note: (---N0---) Accidents / Incidents reported.□

♦Rig Diesel: (6861) gal •Used: (591) gal •Total Used: (2878) 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 02/19/2019

G-DC : \$10,673 G-CC : \$634,503 DR TD : 1,475 PBTD : 0

ONE LINER: Wait on cmt. Prep to walk rig to Woodberry 201H. Well paused.

DAILY ACTIVITY:

Waited on cement.
Cut off 20" conductor and 13-3/8" casing. Pumped down cellar and made final cuts on conductor and casing.
Welded on 13-5/8" 3M x 13-3/8" SOW head. Tested weld on head to 500 psi.
Prepared rig for walk from Woodberry 3 101H to Woodberry 3 201H.

*****Well paused*****

♦Note: (---N0---) Accidents / Incidents reported. □
♦Rig Diesel: (6861) gal •Used: (591) gal •Total Used: (2878) 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 03/01/2019

G-DC : \$67,272 G-CC : \$701,775 DR TD : 1,475 PBTD : 0

ONE LINER: Walk rig from 201H to 101H. PJSM. Set BOP. PJSM. Test BOPE. PU directional tools.

DAILY ACTIVITY:

Walked rig from Woodberry 3 201H to Woodberry 3 101H. Center and leveled rig over hole. Set matting boards, pumped out cellar and moved Geronimo line. Installed cellar cover on Woodberry 3 201H. Walked Pipe Wrangler and lowered V-Door. Connected mud lines and safety cables. Disconnected walking package hydraulic lines, connected HPU to floor, connected BOP Wrangler hydraulics. Connected vibrator hose from HPU skid to substructure. Nippled up Flowline and connected to flowline skid. Held safety meeting with Monahans Nipple Up torque crew. Removed capping flange. Set BOP stack on Woodberry 3 101H well. Torqued all BOP connections and installed turnbuckles. Held safety meeting with all personnel. Tested BOPE with 250 psi low and 3000 psi high. Tested Annular to 250 psi low and 3000 psi hi. Test casing to 750 psi for 30 minutes. Rigged down Monahans testers. Installed wear bushing. Cleaned and cleared floor. Picked up directional tools. Picked up motor and scribed. Installed MWD and surface tested. Made up 12-1/4" bit #2.

♦Note: (---N0---) Accidents / Incidents reported.□

♦Rig Diesel: (13,592) gal •Used: (462) gal •Total Used: (3340) gal •Rec: (7193) 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 03/02/2019

G-DC : \$59,944 G-CC : \$849,086 DR TD : 2,648 PBTD : 1,173

ONE LINER: TIH 135'-1410'. Tag cmt @ 1410'. Disp FW out of wellbore. Drill cmt 1410'-1475'. Rot & sld 1475'-2648'. Circ & test csg.

DAILY ACTIVITY:

Tripped in hole 135' - 1410'. Tagged cement at 1410'.
 Displaced fresh water out of wellbore with 9.8 ppg Brine.
 Drilled cement and float equipment 1410' to 1475'. Top of float collar @ 1430', top of shoe @ 1473'.
 Rotate drilled 1475' - 1485' (10' @ 20.0 fph).
 Circulated and tested casing seat to 10.5 ppg EMW. Pressured up to 61 psi with 9.8 ppg mud weight.
 Rotate drilled 1485' - 1515' (30' @ 30.0 fph). Ran reduced rates while stabilizers in casing.
 Pulled flowline and clear rubber from flowline.
 Rotate drilled 1515' - 1610' (95' @ 95.0 fph), Slide drilled 1610' - 1625' (15' @ 30.0 fph).
 Rotate drilled 1625' - 1750' (125' @ 125.0 fph).
 Lost returns @ 1750'. Worked pipe and added cut brine to active closed loop system. Regained returns, mixed and pumped LCM and paper sweeps. Mud weight cut to 9.6 ppg.
 Rotate drilled 1750' - 2177' (427' @ 106.75 fph), Slide drilled 2177' - 2192' (15' @ 15.0 fph).
 Rotate drilled 2192' - 2271' (79' @ 79.0 fph), Slide drilled 2271' - 2283' (12' @ 24.0 fph).
 Rotate drilled 2283' - 2365' (82' @ 82.0 fph), Slide drilled 2365' - 2377' (12' @ 24.0 fph).
 Rotate drilled 2377' - 2460' (83' @ 83.0 fph), Slide drilled 2460' - 2475' (15' @ 30.0 fph).
 Rotate drilled 2475' - 2648' (173' @ 86.5 fph).

♦Note: (---N0---) Accidents / Incidents reported. □
 ♦Rig Diesel: (12,009) gal •Used: (1583) gal •Total Used: (4923) 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 03/03/2019

G-DC : \$45,808 G-CC : \$849,086 DR TD : 3,315 PBTD : 667

ONE LINER: Rot & sld 2648'-3138'. Circ. TOOH 3138'-134' for MWD. Chng out MWD. TIH 135'-3138'. Ream tight spots. Rot & sld 3138'-3322'.

DAILY ACTIVITY:

Rotate drilled 2648' - 3122' (474' @ 67.7 fph), Slide drilled 3122' - 3138' (16' @ 32.0 fph).
 Troubleshoot MWD.
 Circulated sweep surface to surface. Flow checked and well was static. Mixed and pumped slug.
 Tripped out 3138' - 134' for MWD. Racked NMDC in derrick. Hole took proper fill and had tight spots at 2806', 1866', 1755'.
 Broke top stabilizer and NMDC and set in mousehole. Drained motor and broke bit. Bit in good shape.
 Changed out MWD. Scribed motor, tested motor and MWD. Made up RR Bit #2.
 Tripped in hole 135' - 1044'.
 Serviced rig and top drive.
 Tripped in hole 1044' - 3138'. Reamed tight spots at 1614', 1754', 1769', 3063' and 3103'. Surveyed last 500'. Safety reamed last stand to bottom.
 Rotate drilled 3138' - 3216' (78' @ 52.0 fph), Slide drilled 3216' - 3228' (12' @ 24.0 fph).
 Rotate drilled 3228' - 3310' (82' @ 82.0 fph), Slide drilled 3310' - 3322' (5' @ 10.0 fph).

◆Note: (---N0---) Accidents / Incidents reported. □
 ◆Rig Diesel: (10,378) gal •Used: (1631) gal •Total Used: (6554) 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 03/04/2019

G-DC : \$41,559 G-CC : \$849,086 DR TD : 4,518 PBTD : 1,203

ONE LINER: Rot & sld 3315'-4518'.

DAILY ACTIVITY:

Slide drilled 3315' - 3328' (13' @ 26.0 fph).
 Rotate drilled 3328' - 3405' (77' @ 77.0 fph), Slide drilled 3405' - 3419' (14' @ 28.0 fph).
 Rotate drilled 3419' - 3593' (174' @ 58.0 fph), Slide drilled 3593' - 3605' (12' @ 12.0 fph).
 Rotate drilled 3605' - 3972' (367' @ 81.6 fph), Slide drilled 3972' - 3984' (12' @ 24.0 fph).
 Rotate drilled 3984' - 4067' (83' @ 55.3 fph), Slide drilled 4067' - 4076' (9' @ 9.0 fph).
 Rotate drilled 4076' - 4162' (86' @ 86.0 fph).
 Serviced rig and top drive.
 Slide drilled 4162' - 4179' (17' @ 34.0 fph).
 Rotate drilled 4179' - 4257' (78' @ 78.0 fph), Slide drilled 4257' - 4282' (25' @ 16.7 fph).
 Rotate drilled 4282' - 4352' (70' @ 70.0 fph), Slide drilled 4352' - 4387' (35' @ 23.3 fph).
 Rotate drilled 4387' - 4447' (60' @ 60.0 fph), Slide drilled 4447' - 4472' (25' @ 25.0 fph).
 Rotate drilled 4472' - 4518' (46' @ 46.0 fph).

♦Note: (---N0---) Accidents / Incidents reported. □
 ♦Rig Diesel: (8246) gal •Used: (2132) gal •Total Used: (8686) 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 03/05/2019

G-DC : \$49,328 G-CC : \$898,414 DR TD : 4,890 PBTD : 372

ONE LINER: Rot & sld 4518'-4890'. Circ. Short TOOH 4890'-134'. TIH 134'-4890'. Wash & ream tight spots. Circ. Short TOOH 4890'-4300'.

DAILY ACTIVITY:

Rotate drilled 4518' - 4730' (212' @ 53.0 fph), Slide drilled 4730' - 4750' (20' @ 13.3 fph).
 Rotate drilled 4750' - 4890' (140' @ 46.6 fph).
 Circulated sweeps surface to surface. Flow checked and well was static. Pumped slug.
 Short tripped 4890' - 134'. Racked back NMDC's. Laid down MWD. Inspected bit and bit had chipped cutters on shoulder. Hole took proper fill. Encountered tight spots pulling out of the hole @ 4270', 2446', 2048', 2008', 1972, 1741', 1617'.
 Tripped in hole 1422' - 4890'. Washed and reamed through tight spots @ 1617', 1741', 1972', 2008', 2048', 2446', 4270', 4354' - 4890'. Hole was taking mud while trip in hole.
 Circulated Hi-Vis LCM sweeps surface to surface. Flow checked and well was static. Pumped slug.
 Short tripped 4890' - 4300'. Hole took proper fill and had no drag.

◆Note: (---N0---) Accidents / Incidents reported. □
 ◆Rig Diesel: (6861) gal •Used: (1385) gal •Total Used: (10,071) gal •Rec: (0) gal. □
 ◆Mud Diesel: (0) gal •Used: (0) gal •Total Used: (0) gal •Rec: (0) gal.