

ABRAXAS PETROLEUM CORPORATION

Daily Drilling Report

BGT # 20190011 AREA WOLFCAMP WELL WOODBERRY 3 #201H (A1)

PROPOSAL DRILL & COMPLETE A HORIZONTAL WOLFCAMP A1 WITH A 5000' LATERAL.

AFE NUMBER 190108 START DATE : 1/12/2019 MIRU DATE : 2/19/2019 SPUD DATE : 2/19/2019

GROSS AFE : \$7,895 RDMO DATE : 5/7/2019 PROD Start DATE : FINALIZED DATE :

DR DATE 06/14/2019

G-DC : \$19,419 G-CC : \$3,650,644 DR TD : 15,952 PBTD : 0

ONE LINER: MIRU W/O rig & equip. NU BOPE. PJSM. MU seal assy & RIH w/ 5-1/2" 23# P-110. 145 jnts in hole @ RT.

DAILY ACTIVITY:

MIRU Forbes #177 24hr workover rig & equipment.
SICP, "B" section & surface 0#psi. ND cap flange. NU
11" x 10K BOPE dressed w/5 1/2" rams & blinds. Test blind
rams to 3500#psi f/ 30 minuets w/ rig pump. Held ok.
Unload 256 jts 5 1/2" 23# P110 TTRS1 casing on racks.
Ttl of 267 jts on location.Clean,drift & tally same.
Held safety meet. MU 5 1/2" x 20' Team seal assembly &
RIH tallying & PU 5 1/2" 23# frac string. Optimum MU torque
17,200#psi. 145 jts in hole at report time.

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GROSS AFE : \$7,895 RDMO DATE : 5/7/2019 PROD Start DATE : FINALIZED DATE :

DR DATE 06/15/2019

G-DC : \$89,053 G-CC : \$3,747,747 DR TD : 15,952 PBTD : 0

ONE LINER: Cont to RIH frac string. Run 241 jnts. Tag TOL @ 9976'. Landed frac string. RD csg crew. ND BOPE. Inst & NU tbg head. Test csg. RD serv unit. Standby for CTU ops.

DAILY ACTIVITY:

Continue RIH PU 5 1/2" frac string. Run 241 jnts.Pickup weight 180K. Slackoff weight 170K. Tagged TOL @ 9976'. Stung into PBR & set down 6 pts weight. Closed pipe rams. Test 5 1/2"x7 5/8" annulus to 3500#psi f/30 minutes. Held ok. Bled off annulus. Set down 60K on PBR & dropped slips. Landed frac string w/110K on slips. RD casing crew,torque turn & LD machine. ND 11"10K BOPE. Make final cut on casing. Install & NU 11"10M x 7 1/16"15M Tbg head.Pack-off seals to 17,000#psi Test void to 10,000#psi. Install & NU 7 1/16" 15M frac valve. Shell test valve to 250# Low & 14,000# high f/ 30 minuets on chart. Held Ok. Pressure up 5 1/2" x 7 5/8" annulus ti 3500#psi. Test 5 1/2" casing to 11,000#psi in 3000# increments. Held 11,000#psi f/ 30 minuets on chart. Secured well. RD MO Forbes well servicing unit. Standby f/ CTU Ops.

KB 28'
1 JT 5 1/2" 23# P110 TTRS1 CSG Landing JT 28'-42'
240 JTS 5 1/2" 23# P110 TTRS1 CSG 42'- 9,976'
NOGO Sub 9,975'-9,976'
5.750" Seal assembly 9,976'- 9,996'

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GROSS AFE : \$7,895 **RDMO DATE :** 5/7/2019 **PROD Start DATE :** **FINALIZED DATE :**

DR DATE 06/16/2019

G-DC : \$8,050 **G-CC :** \$3,747,747 **DR TD :** 15,952 **PBTD :** 0

ONE LINER: Standby for CTU ops.

DAILY ACTIVITY: Transport C.C. Forbes 177 to Monahans yard. Standby f/ CTU Ops.

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GROSS AFE : \$7,895 **RDMO DATE :** 5/7/2019 **PROD Start DATE :** **FINALIZED DATE :**

DR DATE 06/17/2019

G-DC :

G-CC : \$3,747,747

DR TD : 0

PBTD : 0

ONE LINER: Standby for CTU ops.

DAILY ACTIVITY:

Standby for CTU ops.

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GROSS AFE : \$7,895 RDMO DATE : 5/7/2019 PROD Start DATE : FINALIZED DATE :

DR DATE 06/18/2019

G-DC : \$62,940 G-CC : \$3,810,687 DR TD : 15,952 PBTD : 0

ONE LINER: RU CTU. TIH w/bit & motor assy. Tag @ 15707', drill thru hard spot @ 15872' & washed to 15991'. P/sweep. Disp w/ 2% KCL while POOH. TIH w/ TCP & perf 1 stage @ 15850' to 15990'. POOH w/CT.

DAILY ACTIVITY:

RU Legend energy services 2 3/8 CTU. Made up TEAM BHA as follows:
3.40" External Coil connector, 3.12" dual flapper, 3.12" Bi-Dir Jar,
3.12" Hyd Disconnect, 3.12" Agitator, 3.12" Filter sub, 3.12" Top Notch
HTHF Motor, 3.12", Bit sub, 3.12", 4.5" NOV Rock Bit.
Test Lubricator and chokes to 5000#.
TIH with Bit and motor assembly. Tagged @ 15,707' CTM. Wash to
15,872', hard btm. 1 hr, fell thru to 15,940', 35 min fell thru and washed
to 15,991'. Test 5 1/2" csg 8000#, 30 min 7300#, bleed off pressure.
Pump 10-10-10 sweep, Displace w/ 2% KCL while POOH.
L/D bit and motor BHA, M/U TCP guns, RIH w/ same, Tag bottom @
15,993' CTM.
Pump down 5/8" ball. Pumped 77 bbls to seat ball in firing head.
Pressure increased from 1100# to 3700# to shift firing head.
Perf Stage #1, Perf 15,850', 15,870', 15,890', 15,910', 15,930', 15,950',
15,970', 15,990' w/ 1' guns, 4 SPF 90 degree phasing.
POOH w/ CT

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GROSS AFE : \$7,895 RDMO DATE : 5/7/2019 PROD Start DATE : FINALIZED DATE :

DR DATE 06/19/2019

G-DC : \$66,080 G-CC : \$3,876,767 DR TD : 15,952 PBTD : 0

ONE LINER: POOH w/ coil & TCP guns. Perf inj test. Pressure broke @ 7100 psi, 10 BPM @ 6600 psi, p/100 bbls. SICP 4950#. Secure well. RD. Release all rental equip. Standby f/Frac ops.

DAILY ACTIVITY: POOH w/coil & TCP guns. All guns fired.
Perform Injection test:
2 BPM @ 5400 PSI
4 BPM @ 5800 PSI
10 BPM @ 6600 PSI
Pressure broke @ 7100 PSI, pumped 100 BBLs.
SICP 4950 PSI
Secure well. R/D coil, flowback, and crane. Release all rental equipment. Store excess 5 1/2 TTRS1 casing(26 jts) in Pyote pipe yard.
Standby F/ Frac Ops.

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GROSS AFE : \$7,895 RDMO DATE : 5/7/2019 PROD Start DATE : FINALIZED DATE :

DR DATE 06/28/2019

G-DC : \$5,735 G-CC : \$3,882,502 DR TD : 15,952 PBTD : 0

ONE LINER: NU frac trees & zipper manifold. Set 8 frac tanks & 2 acid tanks. Standby for frac fleet.

DAILY ACTIVITY:

N/U Frac trees and Zipper manifold
Tested to 250# low and 14,500# high for 15 MIN.
Set frac 8 frac tanks and 2 acid tanks in containments.
Standby for frac fleet

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GROSS AFE : \$7,895 RDMO DATE : 5/7/2019 PROD Start DATE : FINALIZED DATE :

DR DATE 06/29/2019

G-DC : \$3,150 G-CC : \$3,885,652 DR TD : 15,952 PBTD : 0

ONE LINER: Frac tanks & acid tanks in place. Hook up water transfer lines & test. Standby for frac ops.

DAILY ACTIVITY:

Frac tanks and acid tanks inplace.
Finished installing and hooking up water transfer lines.
Filled frac tanks half full to check for leaks and delivery rates.
105 BPM @ 95 PSI
Standby for frac ops
Reports suspended until arrival of frac fleet.

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GROSS AFE : \$7,895 RDMO DATE : 5/7/2019 PROD Start DATE : FINALIZED DATE :

DR DATE 07/08/2019

G-DC : \$26,947 G-CC : \$3,912,599 DR TD : 15,952 PBTD : 0

ONE LINER: RU frac crew, WL, & pressure control. RU pump dwn pumps & zipper manifold. Priming pumps @ RT to prep to test frac iron. SICP 3535#

DAILY ACTIVITY:

RU C&J ES WTX 7 frac crew
RU KLW Wireline and pressure control
RU Fesco Pump Down Pumps and Zipper Manifold
C&J priming pumps at report time to prepare to test frac iron.

SI Casing Pressure - 3535 psi

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GROSS AFE : \$7,895 RDMO DATE : 5/7/2019 PROD Start DATE : FINALIZED DATE :

DR DATE 07/09/2019

G-DC : \$73,720 G-CC : \$3,986,319 DR TD : 15,952 PBTD : 0

ONE LINER: Prime frac pumps, test frac iron. Standby frac ops on 101H. Frac stg #1. SI waiting on offset WL work.

DAILY ACTIVITY:

Prime Frac pumps, test frac iron, Set "pop offs".
Stand-by Frac Ops. On 101
Stand by Plug & perf Ops on 101
Frac Stage #1
Begin frac on stage one shut down due to sand screw issues and
backside surface leak at pop off.
Repair leak on backside pop off
Wait on offset wireline ops
Frac Stage #1 continued
Plug Btm perf Top perf Max press Avg press Max Rate
15,952 15,803 9,804 9,502 90.4
Avg Rate Clean bbls Slurry bbls 100 mesh 100 Mesh White
81.3 12,672.9 13,105 363,700 0
Gradient 0.89 ISIP- 4808
SI waiting on offset WL work

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GROSS AFE : \$7,895 RDMO DATE : 5/7/2019 PROD Start DATE : FINALIZED DATE :

DR DATE 07/10/2019

G-DC : \$91,243 G-CC : \$4,077,562 DR TD : 15,952 PBTD : 0

ONE LINER: SI wo offset WL work. Can't get gun down, wo sinker bars, add sinker bars & Perf stg #2. Frac stg #2. Perf stg #3.

DAILY ACTIVITY:

SI waiting on offset WL work
 PU plug/perf string w/ no sinker bar to attempt plug & perf stg#2
 Test KLX riser to 9000#, Equalize Frac tree & attempt to RIH. No success.
 Stand by Frac Ops 101H, And wait on KLX hot shot for correct sinker bars
 for greasless line.
 Perf Stage #2. Set Plug @ 15,783'. Perf 15,773', 15,752', 15,731'
 15,710',15,688', 15,667', 15,646'. Total PDV-306 bbls
 Frac Stage #2

Plug	Btm perf	Top perf	Max press	Avg press	Max Rate
15,982'	15,972'	15,844'	9,968	9,639	86.6

Avg Rate	Clean bbls	Slurry bbls	100 mesh	100 Mesh White
83.6	9,567	9,982	364,820	0

Gradient 0.88 ISIP- 4,734
 With 40,000 lbs of sand remaining lost blender. Displace sand and flush
 Shut down frac. Repair blender and complete frac stage. (1.5 hours down)
 Perf Stage #3. Set Plug @ 15,626'. Perf 15,616', 15,595', 15,573'
 15,552',15,531', 15,510', 15,488'. Total PDV-239 bbls
 Stand by frac ops on 101H
 Stand by WL tool trap repair on 101H

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GROSS AFE : \$7,895 RDMO DATE : 5/7/2019 PROD Start DATE : FINALIZED DATE :

DR DATE 07/11/2019

G-DC : \$190,200 G-CC : \$4,267,762 DR TD : 15,952 PBTD : 0

ONE LINER: Frac stg #3. Perf stg #4. Frac stg #4. Perf stg #5. Frac stg #5. Perf stg #6. Standby for stg 6 frac on 101H. Repair leaks & chg out pumps on frac.

DAILY ACTIVITY:

Stand by WL tool trap repair on 101H
Frac Stage #3
Plug Btm perf Top perf Max press Avg press Max Rate
15,626 15,616 15,488 9,919 9,685 90.4
Avg Rate Clean bbls Slurry bbls 100 mesh 100 Mesh White
87.5 9682 10,109 364,920 0
Gradient 0.91 ISIP- 5,332
Perf Stage #4. Set Plug @ 15,468'. Perf 15,458', 15,437', 15,416'
15,395', 15,373', 15,352', 15,331'. Total PDV-198 bbls
Frac Stage #4
Plug Btm perf Top perf Max press Avg press Max Rate
15468 15458 15331 9,858 9,643 83.8
Avg Rate Clean bbls Slurry bbls 100 mesh 100 Mesh White
80.4 8,865 9,280.4 362,680
Gradient 0.90 ISIP- 5,145
Perf Stage #5. Set Plug @ 15,311'. Perf 15,301', 15,280', 15,258'
15,237', 15,216', 15,195', 15,173'. Total PDV-191 bbls
Wait on frac on 101 H LD and inspect lubricator pack off
Frac Stage #5
Plug Btm perf Top perf Max press Avg press Max Rate
15,311' 15,301' 15,173' 10,008 9,789 88.5
Avg Rate Clean bbls Slurry bbls 100 mesh 100 Mesh White
84.7 10,796 11,197 361,180
Gradient 0.89 ISIP- 4,791
Down 1:45 to repair blender screws and pumps
Perf Stage #6. Set Plug @ 15,153'. Perf 15,143', 15,122', 15,101'
15,080', 15,058', 15,037', 15,016'. Total PDV-258 bbls
Stand by for Stage 6 frac on 101H
Repair leaks and change out pumps on C&J frac crew

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PROPOSAL	DRILL & COMPLETE A HORIZONTAL WOLFCAMP A1 WITH A 5000' LATERAL.				
AFE NUMBER	190108	START DATE :	1/12/2019	MIRU DATE :	2/19/2019
GROSS AFE :	\$7,895	RDMO DATE :	5/7/2019	PROD Start DATE :	
				FINALIZED DATE :	

DR DATE	07/12/2019
G-DC :	\$225,014
G-CC :	\$4,492,776
DR TD :	0
PBTD :	0

ONE LINER: Frac stg #6. Perf stg #7. Frac stg #7. Perf stg #8. Frac stg #8. Repair pack off elements. SD due to weather. Perf stg #9. Frac stg #9.

DAILY ACTIVITY:

Frac Stage #6					
Plug	Btm perf	Top perf	Max press	Avg press	Max Rate
15,153	15,143	15,016	9,943	9,655	91.2
Avg Rate	Clean bbls	Slurry bbls	100 mesh	100 Mesh White	
86.0	9,009	9,419	354,540	0	
Gradient	0.91	ISIP-	5,319		
Perf Stage #7. Set Plug @ 14,996'. Perf 14,986', 14,965', 14,943'					
14,922', 14,901', 14,880', 14,858'. Total PDV-177 bbls.					
Frac Stage #7					
Plug	Btm perf	Top perf	Max press	Avg press	Max Rate
14,996'	14,986'	14,858'	10,074	9,738	87.6
Avg Rate	Clean bbls	Slurry bbls	100 mesh	100 Mesh White	
82.5	8,687	9,115	352,200	0	
Gradient	0.91	ISIP-	5,301		
Perf Stage #8. Set Plug @ 14,838'. Perf 14,828', 14,807', 14,786'					
14,765', 14,743', 14,722', 14,701'. Total PDV-175 bbls.					
Frac Stage #8					
Plug	Btm perf	Top perf	Max press	Avg press	Max Rate
14,838	14,828	14,701	9974	9790	88.1
Avg Rate	Clean bbls	Slurry bbls	100 mesh	100 Mesh White	
84	9092	9509	381261		
Gradient	0.89	ISIP-	4,794		
Closed zipper manifold at end of stage and popoffs went off. Shut down due to severe lightning and wind over location					
Repair pack off elements and hydraulic lines on lubricator while down					
Perf Stage #9. Set Plug @ 14,681'. Perf 14,671', 14,650', 14,628'					
14,607', 14,588', 14,565', 14,543'. Total PDV-172 bbls. Grease Tree					
cont on next page Frac Stage #9					
Plug	Btm perf	Top perf	Max press	Avg press	Max Rate
14,681	14,671	14,543	10,169	9,828	90.6
Avg Rate	Clean bbls	Slurry bbls	100 mesh	100 Mesh White	
86.2	8,737	9,161	359,740	0	
Gradient	0.94	ISIP-	4,793		

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GROSS AFE :	\$7,895	RDMO DATE :	5/7/2019	PROD Start DATE :	
				FINALIZED DATE :	

DR DATE	07/13/2019
G-DC :	\$192,659
G-CC :	\$5,083,925
DR TD :	15,952
PBTD :	0

ONE LINER: Perf stg #10. Frac stg #10. Perf stg #11. Frac stg #11. Perf stg #12. Frac stg #12. Perf stg #13.

DAILY ACTIVITY:

Perf Stage #10. Set Plug @ 14,523'. Perf 14,513', 14,492', 14,471' 14,450', 14,428', 14,407', 14,386'. Total PDV-182 bbls.					
Frac Stage #10					
Plug	Btm perf	Top perf	Max press	Avg press	Max Rate
14,523'	14,513'	14,386'	9,951	9,660	91.6
Avg Rate	Clean bbls	Slurry bbls	100 mesh	100 Mesh White	
87.8	10,705	11,183	359,380	0	
Gradient	0.89	ISIP- 5,013			
Perf Stage #11. Set Plug @ 14,366'. Perf 14,356', 14,334', 14,313' 14,292', 14,271', 14,250', 14,228'. Total PDV-144 bbls.					
Stand-by Frac Ops. 101H					
Frac Stage #11					
Plug	Btm perf	Top perf	Max press	Avg press	Max Rate
14,366'	14,356'	14,228'	10,122	9,813	96.7
Avg Rate	Clean bbls	Slurry bbls	100 mesh	100 Mesh White	
89.7	8,619	9,038	363,700	0	
Gradient	- 0.89	ISIP- 4,787			
Perf Stage #12. Set Plug @ 14,208'. Perf 14,198', 14,177', 14,156' 14,135', 14,113', 14,092', 14,071'. Total PDV-249 bbls.					
Stand-by Frac Ops. 101H					
Frac Stage #12					
Plug	Btm perf	Top perf	Max press	Avg press	Max Rate
14,208'	14,198'	14,071'	10,094	9,887	93.7
Avg Rate	Clean bbls	Slurry bbls	100 mesh	100 Mesh White	
86.9	8,518	8,937	360,680	0	
Gradient	- 0.87	ISIP- 4,783			
Perf Stage #13. Set Plug @ 14,051'. Perf 14,041', 14,020', 13,998' 13,977', 13,956', 13,935', 13,913'. Total PDV- 149 bbls. Grease tree					
Stand by Frac Ops 101 stage 13 and Pump maintance					

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GROSS AFE : \$7,895 RDMO DATE : 5/7/2019 PROD Start DATE : FINALIZED DATE :

DR DATE 07/14/2019

G-DC : \$131,310 G-CC : \$5,083,925 DR TD : 15,952 PBTD : 0

ONE LINER: Frac stg #13. Perf stg #14. Frac stg #14. Perf stg #15. Beg Frac stg #15.

DAILY ACTIVITY:

Frac Stage #13
 Plug Btm perf Top perf Max press Avg press Max Rate
 14,051' 14,041' 14,3 913 10,155 9,790 95.4
 Avg Rate Clean bbls Slurry bbls 100 mesh 100 Mesh White
 91.4 9,125 9,539 359,400 0
 Gradient - 0.88 ISIP- 4,975
 Perf Stage #14. Set Plug @ 13,893'. Perf 13,883', 13,862', 13,841'
 13,820',13,798,', 13,777', 13,756'. Total PDV-130 bbls.
 Standby Frac Ops 101H RD boost pump, RU replacement Boost pump.
 Frac Stage #14
 Plug Btm perf Top perf Max press Avg press Max Rate
 13,893' 13,883 13,756 10,158 9,678 98.2
 Avg Rate Clean bbls Slurry bbls 100 mesh 100 Mesh White
 92.7 8,417 8,836 357,300 0
 Gradient - 0.87 ISIP- 4,779
 RIH to Perf stage #15. WL unable to set pulg. Tool not recognizing
 switches. Reboot system, switches still not recognized. POOH
 Lay down tools and lubricator. Rehead greaseless line, replace lubricator
 packing elements and PU new Eline tool string
 Unable to get lubricator to hold pressure. Discover leak in greaseless head.
 Lay down lubricator and replace O-rings. Test good
 Perf Stage #15. Set Plug @ 13,736'. Perf 13,726', 13,705', 13,683'
 13,662' ,13,641,', 13,620', 13,598'. Total PDV-272 bbls.
 Pressure Test and Begin to Pump Stage 15 frac

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GROSS AFE : \$7,895 RDMO DATE : 5/7/2019 PROD Start DATE : FINALIZED DATE :

DR DATE 07/15/2019

G-DC : \$267,180 G-CC : \$5,083,925 DR TD : 15,952 PBTD : 0

ONE LINER: Frac stg #15. Perf stg #16. Frac stg #16. Perf stg #17. Frac stg #17. Perf stg #18. Frac stg #18. Perf stg #19. Frac stg #19.

DAILY ACTIVITY:

Frac Stage #15
 Plug Btm perf Top perf Max press Avg press Max Rate
 13,736' 13,726' 13,598'` 10,138 9,821 97.2
 Avg Rate Clean bbls Slurry bbls 100 mesh 100 Mesh White
 94.2 8,548 8,972 361,000 0
 Gradient - 0.88 ISIP- 4,978
 Perf Stage #16. Set Plug @ 13,578'. Perf 13,568', 13,547', 13,526'
 13,505', 13,483', 13,462', 13,441'. Total PDV-107 bbls.
 Frac Stage #16
 Plug Btm perf Top perf Max press Avg press Max Rate
 13,578' 13,568' 13,441' 10,046 9,794 94.1
 Avg Rate Clean bbls Slurry bbls 100 mesh 100 Mesh White
 84.8 8,142 8,528 364,300 0
 Gradient - 0.88 ISIP- 4,965
 Perf Stage #17. Set Plug @ 13,421'. Perf 13,411', 13,390', 13,368'
 13,347', 13,326', 13,305', 13,283'. Total PDV-105 bbls.
 Frac Stage #17
 Plug Btm perf Top perf Max press Avg press Max Rate
 13,421 13,411 13,283 9,970 9,772 97.6
 Avg Rate Clean bbls Slurry bbls 100 mesh 100 Mesh White
 90.2 8,448 8,876 362,820
 Gradient - 0.88 ISIP- 4,885
 Perf Stage #18. Set Plug @ 13,263'. Perf 13,253', 13,232', 13,211'
 13,190', 13,168', 13,147', 13,126'. Total PDV-111 bbls.
 Wait on offset frac and frac maintance
 Frac Stage #18
 Plug Btm perf Top perf Max press Avg press Max Rate
 13,263' 13,253' 13,126'` 10,084 9,859 97.2
 Avg Rate Clean bbls Slurry bbls 100 mesh 100 Mesh White
 91.7 8,228 8,627 360,700 0
 Gradient - 0.87 ISIP- 4,764
 Perf Stage #19. Set Plug @ 13,106'. Perf 13,096', 13,075', 13,053'
 13,032', 13,011', 12,990', 12,968'. Total PDV-109 bbls.
 Wait on offset frac on 101H
 Frac Stage #19
 Plug Btm perf Top perf Max press Avg press Max Rate
 13,106' 13,096' 12,968' 10,152 9,815 85.9
 Avg Rate Clean bbls Slurry bbls 100 mesh 100 Mesh White
 77.5 8,900 9,297 366,140 0
 Gradient - 0.87 ISIP- 4,689

ABRAXAS PETROLEUM CORPORATION

Daily Drilling Report

BGT # 20190011 AREA WOLFCAMP WELL WOODBERRY 3 #201H (A1)

PROPOSAL DRILL & COMPLETE A HORIZONTAL WOLFCAMP A1 WITH A 5000' LATERAL.

AFE NUMBER 190108 START DATE : 1/12/2019 MIRU DATE : 2/19/2019 SPUD DATE : 2/19/2019

GROSS AFE : \$7,895 RDMO DATE : 5/7/2019 PROD Start DATE : FINALIZED DATE :

DR DATE 07/16/2019

G-DC : \$218,147 G-CC : \$5,302,072 DR TD : 15,952 PBTD : 0

ONE LINER: Perf stg #20. Frac stg #20. Perf stg #21. Frac stg #21. Perf stg #22. Frac stg #22. Perf stg #23. Frac stg #23. Perf stg #24. Beg Frac stg #24.

DAILY ACTIVITY:

Perf Stage #20. Set Plug @ 12,948'. Perf 12,938', 12,917', 12,896' 12,875', 12,853', 12,832', 12,811'. Total PDV-88 bbls.
Frac Stage #20
Plug Btm perf Top perf Max press Avg press Max Rate
12,948' 12,938' 12,811 10,122 9,812 99.1
Avg Rate Clean bbls Slurry bbls 100 mesh 100 Mesh White
94.5 8,375 8,799 364.000 0
Gradient - 0.88 ISIP- 4,884
Perf Stage #21. Set Plug @ 12,791'. Perf 12,781', 12,760', 12,738' 12,717', 12,696', 12,675', 12,653'. Total PDV-180 bbls.
Frac Stage #21
Plug Btm perf Top perf Max press Avg press Max Rate
12,791 12,781 12,653 10,021 9,732 99.9
Avg Rate Clean bbls Slurry bbls 100 mesh 100 Mesh White
93.9 8,146 8,826 362,640 0
Gradient - 0.87 ISIP- 4,798
Frac maintenance, maintenance to eline riser, grease Frac trees.
Perf Stage #22. Set Plug @ 12,633'. Perf 12,623', 12,602', 12,581' 12,560', 12,538', 12,517', 12,496'. Total PDV-223 bbls.
Frac Stage #22
Plug Btm perf Top perf Max press Avg press Max Rate
12,633 12,602 12,496 9,922 9,679 101.0
Avg Rate Clean bbls Slurry bbls 100 mesh 100 Mesh White
94.7 8,335 8,756 365,500 0
Gradient - 0.87 ISIP- 4,758
Perf Stage #23. Set Plug @ 12,478'. Perf 12,466', 12,445', 12,423' 12,402', 12,381', 12,360', 12,338'. Total PDV-72 bbls.
Frac Stage #23
Plug Btm perf Top perf Max press Avg press Max Rate
12,478' 12,466' 12,338 10,071 9,573 101.3
Avg Rate Clean bbls Slurry bbls 100 mesh 100 Mesh White
94.9 8,112 8,541 363,000 0
Gradient - 0.87 ISIP- 4,755
Perf Stage #24. Set Plug @ 12,318'. Perf 12,308', 12,287', 12,266' 12,245', 12,223', 12,202', 12,181'. Total PDV-80 bbls.
Begin Frac Stage #24

ABRAXAS PETROLEUM CORPORATION

Daily Drilling Report

BGT # 20190011 AREA WOLFCAMP WELL WOODBERRY 3 #201H (A1)

PROPOSAL DRILL & COMPLETE A HORIZONTAL WOLFCAMP A1 WITH A 5000' LATERAL.

AFE NUMBER 190108 START DATE : 1/12/2019 MIRU DATE : 2/19/2019 SPUD DATE : 2/19/2019

GROSS AFE : \$7,895 RDMO DATE : 5/7/2019 PROD Start DATE : FINALIZED DATE :

DR DATE 07/17/2019

G-DC : \$270,904 G-CC : \$5,590,287 DR TD : 15,952 PBTD : 0

ONE LINER: Frac stg #24. Perf stg #25. Frac stg #25. Perf stg #26. Frac stg #26. Perf stg #27. Frac stg #27. Perf stg #28. Frac stg #28.

DAILY ACTIVITY:

Frac Stage #24
 Plug Btm perf Top perf Max press Avg press Max Rate
 12,318' 12,308' 12,181' 10,110 9,809 99.4
 Avg Rate Clean bbls Slurry bbls 100 mesh 100 Mesh White
 93.7 8,202 8,634 360,660 0
 Gradient - 0.88 ISIP- 4,908
 Perf Stage #25. Set Plug @ 12,161'. Perf 12,151', 12,130', 12,108'
 12,087', 12,066', 12,045', 12,023'. Total PDV-183 bbls.
 Frac Stage #25
 Plug Btm perf Top perf Max press Avg press Max Rate
 12,161 12,151 12,023 9,965 9,457 102.0
 Avg Rate Clean bbls Slurry bbls 100 mesh 100 Mesh White
 95.7 7,731 8,137 362,120 0
 Gradient - 0.87 ISIP- 4,780
 Perf Stage #26. Set Plug @ 12,003'. Perf 11,993', 11,972', 11,951'
 11,930', 11,908', 11,887', 11,866'. Total PDV-114 bbls.
 Stand by Frac Ops 101H
 Frac pump maintenance. Grease Frac Tree.
 Frac Stage #26
 Plug Btm perf Top perf Max press Avg press Max Rate
 12,003 11,993 11,866 10,071 9,668 102.3
 Avg Rate Clean bbls Slurry bbls 100 mesh 100 Mesh White
 95.0 8,222 8,646 361,380 0
 Gradient - 0.87 ISIP- 4,743
 Lay down lubricator and change out packing rubbers
 Perf Stage #27. Set Plug @ 11,846'. Perf 11,836', 11,815', 11,793'
 11,772', 11,751', 11,730', 11,708'. Total PDV-60 bbls.
 Frac Stage #27
 Plug Btm perf Top perf Max press Avg press Max Rate
 11,846' 11,836' 11,708' 10,163 9,599 99.8
 Avg Rate Clean bbls Slurry bbls 100 mesh 100 Mesh White
 93.8 8,012 8,433 335,989 0
 Gradient - 0.88 ISIP- 4,737
 Wait on rerun WL on 101H
 Perf Stage #28. Set Plug @ 11,961'. Perf 11,678', 11,657', 11,636'
 11,615', 11,593', 11,593', 11,551'. Total PDV-46 bbls.
 Stand by Frac Ops 101H
 Frac Stage #28
 Plug Btm perf Top perf Max press Avg press Max Rate
 12,161 12,151 12,023 9,965 9,457 102.0
 Avg Rate Clean bbls Slurry bbls 100 mesh 100 Mesh White
 95.7 7,731 8,137 362,120 0
 Gradient - 0.87 ISIP- 4,780