

VSW St.  
APT: 30-01525259

Amended Attachment for  
C-103 dated 3/29/17

NM OIL CONSERVATION  
ARTESIA DISTRICT

Work Over Report

MAY 02 2017

Lease Name: VSW State #1

- 1/30/2017 MIRU J&B Well Servicing. POOH w/  $\frac{3}{4}$  rods and pump. NU BOP. POOH w/ 2 3/8 tbg. Tallied out. Dropped 20 sx sand. SION
- 1/31/2017 RIH to 700'. Circ w/ 70 bbls fresh water. Pumped 30 sx cement w/ 2% CaCl. POOH w/ tbg. SION.
- 2/1/2017 RIH and tagged @ 635'. POOH & laid down all tbg except 498'. Laid down rods in triples. RIH w/ perf tool. Perforated 4 holes @ 620'. PU 7" 81 packer. PU RIH 598' tbg. Set packer. Circ well pumped 155 sx cement plus 15 sx excess. Let set 2 hours. Pressured to 1000 psi. Cement held. Unset 81 packer. And POOH and laid down tbg. SI. RD PU.
- 2/7/2017 MI and spotted Rig/ L&R Well Service. SION
- 2/8/2017 RUPU Set reverse equipment. NU BOP. Changed out Rams to 2 7/8. PU 3 collars and tagged cement @ 85'. Started drilling cement at 11:00am. Drilled cement to 229'. (used 50 bbls water) SION. 5:00 PM
- 2/9/2017 7:00 am started drilling cement. 260' lost circulation. Called Par Five Cementers. POOH w/ 2 joints Tbg & set back 3 stands of collars. RIH w/ 2 7/8 x 7" AD-1 Packer. 3 jts 2 7/8 tbg. Set packer @ 94'. RU Par Five @ 2:00pm. Loaded csg w 5 bbls to 100 psi. Pumped 20 bbl pad, packer holding, Pumped 75 sx cement @ 2 bpm 200 psi. Flushed w/ 3 bbl fresh water. Press 100 psi. let set 1 hour. Press @ 0. Fluid @ surface/ Release packer, laid down 1 jnt and circulated. POOH with packer. SION 6:00 pm
- 2/10/2017 7:00am tagged cement @ 100'. Drilled hard cement to 151. Started going down with no Torge. Tagged up at 253'. Drilled to 271". POOH w/ Tbg. RIH w/ collars. Continued drilling @ 10:110 am. Drilled cement to 585". SION. 5:00pm.
- 2/11/2017 Continued drilling cement. 9:45 am broke through cement @ 733'. Picked up 1 jnt, drilled 10' broke through. Pumped 10 bbls. Caught circulation. RIH w/ tbg to 1710' and tagged sand. Started losing circulation @ 1848'. Cleaned out reverse pit and filled with PW. Circulated sand to 1992'. Started losing 80% returns. Circulated fine sand. 2017' started to circulate gravel. No returns. Pumped 520 bbls water. No returns. Bit Plugged. POOH. Bit was cleaned. SION. 5:30 pm.
- 2/14/2017 RIH w/ Bulldog bailer to 2047'. Worked bailer for 30 min. POOH & has 60' in cavity. RIH to 1000' w/ AD-a packer and set. Press up tbg to 600#, had small leak off. Pumped 15 bbls down backside. No pressure. Pulled up to 170'. No pressure. Pulled to 160'. Didn't hold on backside. POOH w/ packer SI BOP. Will cement in the morning. SION. 12:00pm

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2/15/2017 MIRU Cementing truck. RIH w/ 93' tbg and AD-1 packer. Pumped 20 bbl fresh water pad. Pumped 75 sx cement @ 200 psi and flushed w/ 36 bbls water. SION 10:30 am

2/16/2017 Tagged cement @ 119', cement. Drilled through @ 220'. PU RIH to 2062', tagged. Started losing fluid. Called for additional water truck. Crc to 2360'. Bottom of csg @ 2346'. Lost circ. Bit plugged. POOH w/ bit. SION

2/17/2017 TIH w/ bit. Started circ hole @ 2360'. Mixed LCM pill w/ 3 sx cedar fiber 3 sx paper. Circ hole to 2491', still losing fluid. Cleaned out approx 2 tons solid. Circ hole for 2 hours. POOH and laid down collars. SION 4:00pm

2/18/2017 7:00am PU & RIH w/ 7" AD-1 packer, 76 jts 2 7/8 tbg @ 2231'. RU Crain Acidizing. Had safety meeting. Started pumping. Pumped 10 bbls FW. Starred pumping acid. Took 8 bbls to load 2 bpm @ 800#. 3 bpm @ 1000 psi-, 14 bbls gone @ 1200# 3 bpm, 50 bbls gone 1300# # 3bpm. Acid on formation 1300 # @ 3 bpm. FPP 1150# 5 min-1000 10-980 15-950. Pumped total 1000 gal. 7 1/2 HCl w/ NEFE, 30 bbls FW flush. Left SI for 2 1/2 hours. FSIP 500. Bled down. Unset AD-1 and POOH and laid down work string. PU RIH w/ 31' MA open ended, 3'ps, SN, 78 jts, 2 3/8 tbg, landed tbg SN @ 2420.52', SION 5:30pm

2/21/2017 7:00 am. NDBOP, RIH w/ 95- 3/4 rods/ 2x 1 1/2 x 10 . Pumped w/ 6' GA. Load tbg and tested to 500 psi. Good pump action. RDPU 1:00 pm

Date:	Oil:	Water:	Gas:
2/22/2017	0	22	0
2/23/2017	4	36	0
2/24/2017	1	18	0
2/25/2017	0	9	0
2/26/2017	1	6	0
2/27/2017	1	5	0
2/28/2017	3	3	0

-----End of Report-----

Judah Oil, LLC

VSW State #1

API #30-015-25259

UL-P, Sec 16, T-18-S, R-28-E

Eddy County, NM

Spudded 8-28-1950

After Work over

9-2016

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ARTESIA DISTRICT

MAY 02 2017

RECEIVED

