

Submit 1 Copy To Appropriate District Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Form C-103
 Revised July 18, 2013

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-21814
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Fasken Oil and Ranch, Ltd		6. State Oil & Gas Lease No. NMMN13624
3. Address of Operator 6101 Holiday Hill Road, Midland, TX 79707		7. Lease Name or Unit Agreement Name Avalon Federal
4. Well Location Unit Letter P : 803 feet from the SOUTH line and 350 feet from the EAST line Section 1 Township 21S Range 26E NMPM County Eddy		8. Well Number 1
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 151416
10. Pool name or Wildcat Burton Flat; West (Strawn) (Gas)		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

See attached recompletion to Strawn work procedure performed.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Viola Vasquez TITLE Regulatory Analyst DATE 11-07-2022

Type or print name Viola Vasquez E-mail address: violav@forl.com PHONE: 432-687-1777

For State Use Only

APPROVED BY: Dean R McClure TITLE Petroleum Engineer DATE 11/8/2022

Conditions of Approval (if any):

U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

05/17/2021

Well Name: AVALON FEDERAL**Well Location:** T21S / R26E / SEC 1 /
SESE /**County or Parish/State:** EDDY /
NM**Well Number:** 1**Type of Well:** CONVENTIONAL GAS
WELL**Allottee or Tribe Name:****Lease Number:** NMNM13624**Unit or CA Name:****Unit or CA Number:****US Well Number:** 300152181400S1**Well Status:** Gas Well Shut In**Operator:** FASKEN OIL &
RANCH LIMITED

Subsequent Report

Type of Submission: Subsequent Report**Type of Action:** Recompletion**Date Sundry Submitted:** 04/30/2021**Time Sundry Submitted:** 12:33**Date Operation Actually Began:** 03/26/2021**Actual Procedure:** Fasken recompleted the well to the Burton Flat, West (Strawn). Attached is the daily activities.

SR Attachments

Actual Procedure

Avalon_1_Federal_No._1_Daily_Operations___plug_back_to_strawn_20210430123302.pdf

Well Name: AVALON FEDERAL	Well Location: T21S / R26E / SEC 1 / SESE /	County or Parish/State: EDDY / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM13624	Unit or CA Name:	Unit or CA Number:
US Well Number: 300152181400S1	Well Status: Gas Well Shut In	Operator: FASKEN OIL & RANCH LIMITED

Operator Certification

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: ADDISON GUELKER**Signed on:** APR 30, 2021 12:31 PM**Name:** FASKEN OIL & RANCH LIMITED**Title:** Regulatory Analyst**Street Address:** 6101 HOLIDAY HILL ROAD**City:** MIDLAND**State:** TX**Phone:** (432) 556-8661**Email address:** ADDISONG@FORL.COM**Field Representative****Representative Name:****Street Address:****City:****State:****Zip:****Phone:****Email address:****BLM Point of Contact****BLM POC Name:** Jonathon W Shepard**BLM POC Title:** Petroleum Engineer**BLM POC Phone:** 5752345972**BLM POC Email Address:** jshepard@blm.gov**Disposition:** Accepted**Disposition Date:** 05/14/2021**Signature:** Jonathon Shepard

Fasken Oil and Ranch, LTD.

Daily Operations Report
(All Event Days)
1/1/2021 thru 4/30/2021

Page 1
Printed 4/30/2021

Avalon Federal # 1

Event Date: 3/26/2021

Eddy Co., NM

Well ID: AV1401

AFE # 4146

Recomplete To Strawn.

Mar 26, 2021 Friday Day 1

Contractor delivered and set 55 well service rig mat. RUPU 55 well service rig No. 58.
FCP-68 psi, TP-68 psi. contractor tested and tag mast anchors. (PEH)

	Daily Cost:	\$2,670
AFE Cum. Cost:	\$2,670 Cum. Cost:	\$2,670
	AFE Amount:	

Mar 27, 2021 Saturday Day 2

No activity. (PEH)

	Daily Cost:	\$50
AFE Cum. Cost:	\$2,720 Cum. Cost:	\$2,720
	AFE Amount:	

Mar 28, 2021 Sunday Day 3

No activity. (PEH)

	Daily Cost:	\$50
AFE Cum. Cost:	\$2,770 Cum. Cost:	\$2,770
	AFE Amount:	

Mar 29, 2021 Monday Day 4

SICP-680 psi, SITP-650 psi. Called and left message BLM and called back at 9:18 NM time and informed BLM of intent to rig up for recompletion. Contractor delivered and set catwalk and pipe racks and set flow back tank w/ gas buster and gang piped in blow down tank to well head area. Bled down tubing and casing and pumped 35 bbls 3% KCL w/ clay stabilizers, corrosion inhibitor and O2 scavenger at 2 BPM rate down tubing on light vacuum. NDWH and was not able to break 2-7/8" pin out of head landing mandrel in head would only spin in both directions. POW and LD head and 1 jt w/ wraparound. NU 5K 7-1/16" manual BOP w/ 2-7/8" rams and POW w/ 365 jts 2-7/8" N80 8rd tubing (10,993' by new tally), was 11,016' by old tally and LD SN. Closed BOP blind rams and SDON. (PEH)

	Daily Cost:	\$9,500
AFE Cum. Cost:	\$12,270 Cum. Cost:	\$12,270
	AFE Amount:	

Mar 30, 2021 Tuesday Day 5

SICP-400 psi. Bled down casing pressure. RU The Wireline Group WL unit w/ 3K lubricator and RIW w/ 4-3/4" gauge ring and junk basket and tagged at 10,554', worked through obstruction and RIW to 10,720'. POW and observed no drag on tools and LD gauge ring and found junk basket empty. PU setting tool and 4.50" OD CIBP and RIW with plug to setting depth of 10,665' (middle of jt on casing) and correlated to Schlumberger Cement Bond Log dated 7-1-76 and set plug, PU off and tagged plug. POW and RDWL. Notified Joe Salcido w/ BML, on call at 11:40 NM time of plug being set and intent to spot 31 sx of Class "H" neat cement on plug. RIW w/ 2-7/8" notched collar, SN 353 jts 2-7/8" N-80 tubing and tagged plug at 10,651' by tubing tally w/ plug set at 10,665' by WL depth. PU off bottom 4' w/ EOT at 10,647' tubing depth. RU pump truck and pumped 245 bbls of 3% KCL w/ packer fluid and established circulation, pumped additional 20 bbls w/ fluid cleaning up and SD. Moved out pump truck and spotted and RU Petroplex cement pump

Fasken Oil and Ranch, LTD.**Daily Operations Report**

(All Event Days)

Page 2

1/1/2021 thru 4/30/2021

Printed 4/30/2021

and equipment. Pumped 130 bbls 3% KCL w/ pkr fluid to establish circulated additional 5 bbls, closed casing valve and psi to 500 and SD w/ pressure dropping from 500-0 psi in 5 seconds. RD all pump equipment, pumped a total of 400 bbls 3% KCL w/ packer fluid. SWI and SDON. (PEH)

	Daily Cost:	\$19,492
AFE Cum. Cost:	\$31,762 Cum. Cost:	\$31,762
	AFE Amount:	

Mar 31, 2021 Wednesday Day 6

SICP- vac, SITP- vac, RIW with tubing and lightly tagged CIBP at 10,665'. POW w/ 2-7/8" tubing and LD SN and notched collar. Contractor delivered and set frac tank and loaded tank w/ fw w/ biocide. RIW w/ 5-1/2" HD 17" packer, XO, SN and 298 jts 2-7/8" N80 tubing. PU 2-7/8" x 8' N80 tubing sub and set packer at 9000' w/ 20 pts compression. Loaded casing w/ 132 bfw w/ biocide and tested to 500 psi, isolated truck from casing w/ no pressure loss in 15 minutes and bled down pressure. Loaded tubing w/ 68 bfw w/ biocide and tested down tubing from 9000' to CIBP at 10,665' and established injection rate at 1-3/4" BPM at 500 psi. Released packer, RIW and reset packer at 10,450' below Atoka squeezed perfs from 10,416' to 10,425'. Loaded tubing/casing annulus w/ 25 bfw mixed w/ biocide and tested from surface to packer at 10,450' (Atoka Perfs) to 500 psi and isolated truck and lost 300 psi in 15 minutes. Pressured up to 500 isolated and lost 240 psi in 15 minutes, bled down pressure with large amount of air/foam from casing. Pumped down tubing testing from packer set at 10,450' to CIBP @ 10,665' w/ Morrow squeezed perfs at 10,562'. Loaded tubing w/ 13 bfw w/ biocide pumping into at 1 bpm and increased rate to 1.5 bpm rate at 500 psi. SD tubing and on vacuum in 3 seconds. RIW w/ packer down to top of CIBP and set at 10,662' w/ 20 pts compression and tested down tubing to CIBP and established injection rate of 1.5 bpm rate at 500 psi and SD and on vacuum when SD pump. Tested down casing from surface to packer at 10,662' and CIBP set at 10,665'. Loaded casing w/ 16 bfw w/ biocide and tested to 500 and lost 400 psi in 15 minutes. Tested to 500 on 2nd attempt and lost 320 psi in 15 minutes. Checked casing with heavy foam concentration in casing, left casing open to bled down through pinched valve to gas buster to allow foam to break out overnight. Plan to retest casing in A.M. and SDON. Contractor delivered 520 bfw w/ biocide into frac tank today. Pumped total of 334 bfw w/ biocide. (PEH)

	Daily Cost:	\$10,757
AFE Cum. Cost:	\$42,519 Cum. Cost:	\$42,519
	AFE Amount:	

Apr 1, 2021 Thursday Day 7

Crew late arrival due to Safety meeting. SICP-dead, SITP-vac. Packer set above CIBP at 10,665' w/ bottom of packer at 10,662'. Loaded casing w/ 56 bfw w/ biocide and pressured to 500 psi, isolated truck from well and lost 300 psi in 15 minutes. Pressured casing to 500 psi, isolated truck from well and lost 200 psi in 15 minutes and reported results to Midland Office. Called BLM on call at 10:36 A.M. NM time and spoke w/ Joe Salcido and suggested call the on-call engineer, Rachel responded answering system full at 10:41 A.M. NM time. Plan to continue to attempt to call engineer line. 11:06 A.M. NM time, Rachel called back asked if we could plug back as suggested. Rachel w/BLM reported she would get with BLM Engineer and call back. Released HD packer at 10,662', 3' above plug at 10,665' and POW w/ 353 jts 2-7/8" N80 tubing and LD SN and HD packer. SWI and SDON. Spoke BLM Engineer at 3:01 P.M. NM time and discussed well back not concerned w/ plug at 10'665' not holding w/ top of Morrow perfs above plug that have been previously squeezed. (PEH)

	Daily Cost:	\$6,297
AFE Cum. Cost:	\$48,816 Cum. Cost:	\$48,816

Fasken Oil and Ranch, LTD.**Daily Operations Report**

(All Event Days)

1/1/2021 thru 4/30/2021

Page 3

Printed 4/30/2021

AFE Amount:

Apr 2, 2021 Friday
No activity. (PEH)**Day 8**

	Daily Cost:	\$350
AFE Cum. Cost:	\$49,166 Cum. Cost:	\$49,166
	AFE Amount:	

Apr 3, 2021 Saturday
No activity. (PEH)**Day 9**

	Daily Cost:	\$350
AFE Cum. Cost:	\$49,516 Cum. Cost:	\$49,516
	AFE Amount:	

Apr 4, 2021 Sunday **Day 10**

Called BLM On-Call 6:15 A.M. 4/4/21, and explained that if we set CIBP @ 10,500' and a 25 sx cement plug on top we would have top of cement at 10,273'. This would cover squeezed Atoka perms @ 10,416'-10,425'. We would tag plug before perforating. BLM asked to make sure to send a detailed report. (PEH)

	Daily Cost:	\$350
AFE Cum. Cost:	\$49,866 Cum. Cost:	\$49,866
	AFE Amount:	

Apr 5, 2021 Monday **Day 11**

SICP-20 psi. Bled down pressure and RU Capitan WL. RIW w/ 5-1/2" CIBP on WL and correlated depth to Schlumberger CBL dated 7-1-76 and set CIBP at 10,500'. POW w/ WL and RU Tex-Mex pump truck and LE vac truck and loaded 5-1/2" casing with 138 bfw, pressure tested 5-1/2" to 550 psi with 50 psi loss in 5". Left voice message with BLM Carlsbad at 11:40 am CDT. Received call back from Mr. Law at 12:30 pm and informed him of CIBP setting depth of 10,500', he wanted to calculate cement volume and called back with 35 sx cement volume to be spotted on top of CIBP for new PBTD of 10,200'. RD Capitan WL and RIW with 2-7/8" notched collar, 2-7/8" x 4' perforated sub, SN and 348 jts tubing and tagged CIBP at 10,498' (tubing measurement). RU Petroplex Acidizing cement pump, mixed and pumped 35 sx Cl H cement (s.w. 15.6 ppg, yield 1.18 cuft/sk) and spotted cement with 59 bfw. POW and LD 10 jts tubing to 10,200' and reverse circulated well with 70 bbls 2% KCl water. POW with 40 jts tubing to 9025', RD Petroplex and SWI and SDON. (SRF)

	Daily Cost:	\$19,750
AFE Cum. Cost:	\$69,616 Cum. Cost:	\$69,616
	AFE Amount:	

Apr 6, 2021 Tuesday **Day 12**

SITP-0 psi, SICP-0 psi. RIW with tubing and tagged TOC at 10,282', left message with BLM Carlsbad office at 8:29 am CDT. Downing tech and crew replaced two 2-1/16" FE 5M gate valves on tubinghead. Waited 2 hrs for BLM to return call, contacted BLM area manager (Tye Bryson) at Carlsbad office at 10:38 am CDT and Tye had engineer return call at 10:50 am CDT. Discussed well status with Zota Stevens of Carlsbad BLM office and received approval to continue with the approved recompletion procedure. Pressure tested 5-1/2" casing to 1200 psi for 10" with no pressure loss, bled down pressure and POW and LD 348 jts tubing. K Nevaeh Trucking moved 365 jts 2-7/8" tubing off pipe racks and racked 310 jts 2-3/8" 4.7# EUE 8rd N80 AB modified tubing and back hauled 365 jts 2-7/8" 6.5# EUE 8rd N80 AB modified tubing to Tuboscope Fulton Rd yard for inspection, 7-1/16"

Fasken Oil and Ranch, LTD.**Daily Operations Report**

(All Event Days)

1/1/2021 thru 4/30/2021

Page 4

Printed 4/30/2021

5M x 2-7/8" EUE 8rd adapter with 2-1/16" double valve flowtree with safety valve and two 2-1/16" 5M FE gate valves to Downing wellhead for repair. LE Trucking emptied gas buster of 200 bf and hauled to public disposal and delivered 120 bbls 2% KCl water to frac tank. SWI and SDON. (SRF)

	Daily Cost:	\$8,850
AFE Cum. Cost:	\$78,466 Cum. Cost:	\$78,466
	AFE Amount:	

Apr 7, 2021 Wednesday Day 13

SICP-0 psi. Cleaned and tallied 187 jts 2-3/8" EUE 8rd N80 AB modified tubing on pipe racks. PU and RIW w/ Fasken owned 5-1/2" Arrowset 1x pkr w/ 4' 2-3/8" N80 tubing sub w/ WL entry on bottom. RIW and PU 187 jts 2-3/8" EUE 8rd N80 AB modified tubing while installing rings in collars. Cleaned and tallied remaining 123 jts 2-3/8" EUE 8rd N80 AB modified tubing on pipe racks. PU and RIW w/ 310 jts 2-3/8" EUE 8rd N80 w/ AB modified couplings w/ EOT @ 9991'. RU Petroplex acid truck, pickled tubing w/ 500 gal 15% HCL acid and displaced w/ 27 bfw and pumped at .5 BMR @ 400 psi. Reversed acid out tubing w/ 43 bfw at 1.5 BMR @ 300 psi. SWI and SDON. (RF)

	Daily Cost:	\$11,013
AFE Cum. Cost:	\$89,479 Cum. Cost:	\$89,479
	AFE Amount:	

Apr 8, 2021 Thursday Day 14

SITP-0 psi, SICP-0 psi. waited on vacuum truck for 1-1/2 hrs. RU pump truck and vacuum truck, mixed and reverse circulated well w/ 200 bbls 3% KCl water containing packer fluid. Set packer at 9854' with EOT at 9859'KB. Topped off casing with packer fluid and pressure tested tubing/casing annulus to 1260 psi on chart recorder for 35" with no pressure loss and bled down pressure. ND BOP and NU flowtree. Notified Zota Stevens at Carlsbad BLM office of pressure test results at 2:00 pm CDT via voice message. Tubing detail as follows:

2-3/8" wireline entry guide (new)	.33'
2-3/8" x 4' 4.7# EUE 8rd N80 pup jt (new)	4.08'
5-1/2" 17# Arrowset 1x packer (new)	7.20'
2-3/8" x 5-1/2" T2 TOSSD (1.87" F profile) (new)	1.70'
306 jts 2-3/8" 4.7# EUE 8rd N80 AB modified tubing (new)	9835.18'
Sub Total	9848.49'
Below KB	15.00'
Slack Off	-3.83'
Total	9859.66'

RU swab tools and swabbed fluid level to 7300' in 5 runs and recovered 28 bf. Gang hooked up flowtree to gas buster through choke and SWI and SDON. L&E Services vacuum truck hauled 3 loads of fluid to public disposal from gas buster. (SRF)

	Daily Cost:	\$8,350
AFE Cum. Cost:	\$97,829 Cum. Cost:	\$97,829
	AFE Amount:	

Apr 9, 2021 Friday Day 15

SITP-0 psi, SICP-0 psi. RU Capitan WL, made up strips guns and RIW and correlated depth to Schlumberger CBL/GR log dated 7-1-76. Perforated 5-1/2" casing from and 10,122'-10,146' (25 holes), 10,056'-10,066' (11 holes), 10,012'-10,018' (7 holes) and 9944'-9962' (19 holes) with no change in well after first two runs. Had good blow after 3rd run and 300 psi SI pressure after last run. RDWL and opened well to gas buster on

Fasken Oil and Ranch, LTD.**Daily Operations Report**

(All Event Days)

Page 5

1/1/2021 thru 4/30/2021

Printed 4/30/2021

10/64" adjustable choke with 400 psi after 45" build up. Pressure bled down in 20" to light blow. RU swab tools and made two runs, first run tagged scattered fluid at 3700' and 4380' on second run, recovered 4 bf and RD swab tools. 5" SITP- 30 psi, left well open to gas buster and SDON. (SRF)

Daily Cost: \$15,150
 AFE Cum. Cost: \$112,979 Cum. Cost: \$112,979
 AFE Amount:

Apr 10, 2021 Saturday Day 16

SITP- 1700 psi. Installed soap launcher in wellhead. Dropped 4 soap sticks and left well SI for 30". SITP increased to 1850 psi. Opened well to gas buster on a 25/64" adjustable choke and was able to open choke to full 3/4" choke in 15".

Flowed well back as follows:

Time	CK	Psi	BW	Total wtr	Remarks
9:30am	25/64"	1850	0	0	Opened well on 25/64" choke
9:45am	3/4"	150	0	0	Moderate to strong dry blow.
10:00am	3/4"	10	0	0	Light dry blow.
10:15am	3/4"	20	0	0	Moderate dry blow
10:30am	3/4"	5	0	0	very light blow.
10:45am	3/4"	0	0	0	No blow. dropped 2 soap sticks.
11:00am	3/4"	0	0	0	No blow.
11:15am	3/4"	0	0	0	No blow.
11:30am	3/4"	0	0	0	No blow.

Shut well in over night.

LE Services emptied frac tank and hauled 85 bf to public disposal. (SRF/LSH)

Daily Cost: \$825
 AFE Cum. Cost: \$113,804 Cum. Cost: \$113,804
 AFE Amount:

Apr 11, 2021 Sunday Day 17

SITP- 2500 psi. Dropped 4 soap sticks and left well SI for 1.5 hrs. Opened well to gas buster on 25/64" adjustable choke and well blew down to 10 psi in 1 hour 15 minutes.

Flowed well back as follows:

Time	CK	Psi	BW	Totalwtr	Remarks
10:30am	25/64"	2500	0	0	opened well on 25/64"
10:45am	3/4"	100	5.5	5.5	Strong blow w/ mist
11:00am	3/4"	50	0	5.5	Moderate dry blow
11:15am	3/4"	20	0	5.5	Light dry blow
11:30am	3/4"	20	0	5.5	Light dry blow
11:45am	3/4"	10	0	5.5	Light dry blow
12:00pm	3/4"	10	0	5.5	Light dry blow
12:15pm	3/4"	10	0	5.5	Light dry blow
12:30pm	3/4"	10	0	5.5	Light dry blow, SWI

SWI, plan to acidize well tomorrow morning. (LSH)

Daily Cost: \$200
 AFE Cum. Cost: \$114,004 Cum. Cost: \$114,004
 AFE Amount:

Apr 12, 2021 Monday Day 18

Fasken Oil and Ranch, LTD.**Daily Operations Report**

(All Event Days)

Page 6

1/1/2021 thru 4/30/2021

Printed 4/30/2021

SITP- 1900 psi, SICP- 0 psi. Opened well to gas buster on 20/64" choke and bled down pressure to 900 psi in 30", opened choke to 24/64" and bled down to blow in 30". RU Petroplex Acidizing acid pump and Oil States wellhead isolation tool. Trapped 1200 psi on tubing/casing annulus and monitored during job, RU on tubing and tested lines to 6500 psi and bled down pressure. Loaded ball drop gun with 110- 7/8" 1.3 sp grv RCN ball sealers and established rate down tubing with 4 bbls 2% kcl water at 5 bpm and 300 psi. Treated Strawn perforations (9944'-10,146', 62 holes) with 2500 gals 15% NEFE DI Hcl acid containing 2 gpt I-8 inhibitor, 1.2 gpt EP-3 emulsion agent, 3.2 gpt IC-200 FE control, 2 gpt P-3 wetting agent and 13# Fe2X Iron control and flushed to top perforation with 40 bbls 2% kcl water as follows: Established rate with 4 bbls 2% Kcl water 5 bpm at 300 psi, started acid at 5 bpm and 300 psi, dropped 2 bbl sealers/bbl of acid after first 5 bbls acid pumped. Tubing loaded with 30.5 bbls acid pumped with 5 bpm rate and 2000 psi. Pressure increased to 5000 psi, slowed rate to 1.8 bpm with 34.5 bbls acid pumped, increased rate as pressure allowed. Max rate 5.3 bpm, avg rate 4 bpm, max press 5039 psi, avg press 4750 psi. TLTR- 106 bbls. ISDP- 3479 psi, 5"- 2821 psi, 10"- 2753 psi and 15"- 2708 psi. Observed minimal ball action. SWI and RD Petroplex and Oil States. RDPU and turned well over to production foremen to swab back load. Opened well to gas buster on 3/4" choke and unloaded 11 bf in 1 hr and died. RU Mesa swab unit and tagged fluid level at surface. Recovered an additional 43 bf in 10 swab runs with last 2 swab runs recovered less than 1 bf and EFL- 9750' FS. Well had a slight to moderate blow throughout the day before and after each swab run. Left well open to gas buster on 12/64" positive choke with a slight blow and SDON. TLR- 54 bbls; LLTR- 52 bbls. (SRF/LSH)

	Daily Cost:	\$20,845
AFE Cum. Cost:	\$134,849 Cum. Cost:	\$134,849
	AFE Amount:	

Apr 13, 2021 Tuesday Day 19

well flowing to gas buster. FTP- 290 psi. well produced 0 bw over night. RIW with swab and recovered 1 bw in 3 swab runs. well had light to moderate blow after each run. Left well open to gas buster on 12/64" positive choke and RD SU. Released potty trailer. (LSH)

	Daily Cost:	\$2,125
AFE Cum. Cost:	\$136,974 Cum. Cost:	\$136,974
	AFE Amount:	

Apr 14, 2021 Wednesday Day 20

well flowing to gas buster on 12/64" positive choke, FTP- 140 psi. well produced 0 bw over night. Dropped 4 soap sticks and SIW. (LSH)

	Daily Cost:	\$75
AFE Cum. Cost:	\$137,049 Cum. Cost:	\$137,049
	AFE Amount:	

Apr 15, 2021 Thursday Day 21

SITP- 3030 psi. Dropped 4 soap sticks and left well shut in for an additional 3.5 hrs. well built to 3350 psi in 3.5 hrs. Opened well to the gas buster on 16/64" adjustable choke increasing to 3/4" choke in 30". well flowed back 2 bw in 3 hrs. Left well open to gas buster on 12/64" positive choke. TLR- 56 bbls; LLTR- 50 bbls. (LSH)

	Daily Cost:	\$75
AFE Cum. Cost:	\$137,124 Cum. Cost:	\$137,124
	AFE Amount:	

Fasken Oil and Ranch, LTD.

Daily Operations Report

(All Event Days)

1/1/2021 thru 4/30/2021

Page 7

Printed 4/30/2021

Apr 16, 2021 Friday Day 22

well open to gas buster on 12/64" positive choke, FTP- 147 psi. Estimated 130 mcfpd, well made no fluid over night. SWI and plan to plumb well into flow line and separator on 4/19/21. Contacted Enterprise Pipeline to install electronic flow meter. (LSH)

	Daily Cost:	\$75
AFE Cum. Cost:	\$137,199 Cum. Cost:	\$137,199
	AFE Amount:	

Apr 17, 2021 Saturday Day 23

SITP- 3402 psi, no activity. (LSH)

	Daily Cost:	\$75
AFE Cum. Cost:	\$137,274 Cum. Cost:	\$137,274
	AFE Amount:	

Apr 18, 2021 Sunday Day 24

SITP- 3955 psi, no activity. (LSH)

	Daily Cost:	\$75
AFE Cum. Cost:	\$137,349 Cum. Cost:	\$137,349
	AFE Amount:	

Apr 19, 2021 Monday Day 25

SITP- 4050 psi. Ono's roustabout crew plumbed wellhead to flow line. Left well SI. (LSH)

	Daily Cost:	\$475
AFE Cum. Cost:	\$137,824 Cum. Cost:	\$137,824
	AFE Amount:	

Apr 20, 2021 Tuesday Day 26

SITP- 4076 psi. Inspected production unit and found separator to be unusable due to internal corrosion. Roustabout crew disconnected production unit and prepared flowline for 3 phase separator from Artesia Warehouse Inventory. SDON. Plan to set separator 4/21/21 and finish production equipment hookup. (ORR)

	Daily Cost:	\$2,725
AFE Cum. Cost:	\$140,549 Cum. Cost:	\$140,549
	AFE Amount:	

Apr 21, 2021 Wednesday Day 27

SITP- 4053 psi. Roustabout crew loaded and moved out old production unit. (LSH)

	Daily Cost:	\$1,775
AFE Cum. Cost:	\$142,324 Cum. Cost:	\$142,324
	AFE Amount:	

Apr 22, 2021 Thursday Day 28

SITP- 4053 psi. Roustabouts delivered and set used 1440 wp 3 phase separator. Tied 2" flow line into separator and rerouted dump lines. Roustabout crew 90% complete with production equipment hookup. Enterprise expected to install gas meter 4/23/21. (LSH)

	Daily Cost:	\$5,075
AFE Cum. Cost:	\$147,399 Cum. Cost:	\$147,399
	AFE Amount:	

Fasken Oil and Ranch, LTD.**Daily Operations Report**

(All Event Days)

1/1/2021 thru 4/30/2021

Page 8

Printed 4/30/2021

Apr 23, 2021 Friday Day 29

SITP- 4074 psi. Roustabouts finished production equipment hookup and Enterprise installed gas meter. Blew tubing down to water tank until psi reached 600 psi. Switched well to sales at 1:00 pm MST on 12/64" positive choke with 220 mcfpd flow rate. Left well flowing on 3/4" adjust choke, FTP- 600 psi with a 160 mcfpd flow rate. Released TWS gas buster. (LSH)

	Daily Cost:	\$1,775
AFE Cum. Cost:	\$149,174 Cum. Cost:	\$149,174
	AFE Amount:	

Apr 24, 2021 Saturday Day 30

Well flowing, FTP- 606 psi. Well produced 123 mcf, 0 bo + 0 bw with a 118 mcfpd flow rate in 20 hours. (LSH)

	Daily Cost:	
AFE Cum. Cost:	\$149,174 Cum. Cost:	\$149,174
	AFE Amount:	

Apr 25, 2021 Sunday Day 31

Well flowing, FTP- 596 psi. Well produced 118 mcf, 0 bo + 0 bw with a 106 mcfpd flow rate in 24 hours. (LSH)

	Daily Cost:	
AFE Cum. Cost:	\$149,174 Cum. Cost:	\$149,174
	AFE Amount:	

Apr 26, 2021 Monday Day 32

Well flowing, FTP- 557 psi. Well produced 110 mcf, 0 bo + 0 bw with a 115 mcfpd flow rate in 24 hours. Roustabouts installed soap launcher. Dropped 2 soap sticks. (LSH)

	Daily Cost:	\$400
AFE Cum. Cost:	\$149,574 Cum. Cost:	\$149,574
	AFE Amount:	

Apr 27, 2021 Tuesday Day 33

Well flowing, FTP- 632 psi. Well produced 106 mcf, 0 bo + 0 bw with a 103 mcfpd flow rate in 24 hours. Dropped 2 soap sticks. (LSH)

	Daily Cost:	
AFE Cum. Cost:	\$149,574 Cum. Cost:	\$149,574
	AFE Amount:	

Apr 28, 2021 Wednesday Day 34

Well flowing, FTP- 569 psi. Well produced 103 mcf, 0 bo + 0 bw with a 100 mcfpd flow rate in 24 hours. Dropped 2 soap sticks. (LSH)

	Daily Cost:	
AFE Cum. Cost:	\$149,574 Cum. Cost:	\$149,574
	AFE Amount:	

Apr 29, 2021 Thursday Day 35

Well flowing, FTP- 523 psi. Well produced 101 mcf, 0 bo + 0 bw with a 109 mcfpd flow rate in 24 hours. Dropped 2 soap sticks. FINAL REPORT. (LSH)

	Daily Cost:	
AFE Cum. Cost:	\$149,574 Cum. Cost:	\$149,574
	AFE Amount:	

Fasken Oil and Ranch, LTD.

Daily Operations Report

(All Event Days)

1/1/2021 thru 4/30/2021

Page 9

Printed 4/30/2021

Report Based On:

Date Range: 1/1/2021 through 4/30/2021

Wells selected based on the following Report Menu selections:

Wells = Avalon Federal # 1.

Event Date: 3/26/2021

Eddy Co., NM
Well ID: AV1401
AFE # 4146

Recomplete To Strawn.

Mar 26, 2021 Friday **Day 1**

Contractor delivered and set 55 well service rig mat. RUPU 55 well service rig No. 58.
FCP-68 psi, TP-68 psi. contractor tested and tag mast anchors. (PEH)

AFE Cum. Cost:

Daily Cost:
Cum. Cost:
AFE Amount:

Mar 27, 2021 Saturday
No activity. (PEH)

Day 2

AFE Cum. Cost:

Daily Cost:
Cum. Cost:
AFE Amount:

Mar 28, 2021 Sunday
No activity. (PEH)

Day 3

AFE Cum. Cost:

Daily Cost:
Cum. Cost:
AFE Amount:

Fasken Oil and Ranch, LTD.

Daily Operations Report

(All Event Days)

1/1/2000 thru 11/4/2022

Page 6

Printed 11/4/2022

Mar 29, 2021 Monday Day 4

SICP-680 psi, SITP-650 psi. Called and left message BLM and called back at 9:18 NM time and informed BLM of intent to rig up for recompletion. Contractor delivered and set catwalk and pipe racks and set flow back tank w/ gas buster and gang piped in blow down tank to well head area. Bled down tubing and casing and pumped 35 bbls 3% KCL w/ clay stabilizers, corrosion inhibitor and O2 scavenger at 2 BPM rate down tubing on light vacuum. NDWH and was not able to break 2-7/8" pin out of head landing mandrel in head would only spin in both directions. POW and LD head and 1 jt w/ wraparound. NU 5K 7-1/16" manual BOP w/ 2-7/8" rams and POW w/ 365 jts 2-7/8" N80 8rd tubing (10,993' by new tally), was 11,016' by old tally and LD SN. Closed BOP blind rams and SDON. (PEH)

AFE Cum. Cost:

Daily Cost:

Cum. Cost:

AFE Amount:

Mar 30, 2021 Tuesday Day 5

SICP-400 psi. Bled down casing pressure. RU The Wireline Group WL unit w/ 3K lubricator and RIW w/ 4-3/4" gauge ring and junk basket and tagged at 10,554', worked through obstruction and RIW to 10,720'. POW and observed no drag on tools and LD gauge ring and found junk basket empty. PU setting tool and 4.50" OD CIBP and RIW with plug to setting depth of 10,665' (middle of jt on casing) and correlated to Schlumberger Cement Bond Log dated 7-1-76 and set plug, PU off and tagged plug. POW and RDWL. Notified Joe Salcido w/ BML, on call at 11:40 NM time of plug being set and intent to spot 31 sx of Class "H" neat cement on plug. RIW w/ 2-7/8" notched collar, SN 353 jts 2-7/8" N-80 tubing and tagged plug at 10,651' by tubing tally w/ plug set at 10,665' by WL depth. PU off bottom 4' w/ EOT at 10,647' tubing depth. RU pump truck and pumped 245 bbls of 3% KCL w/ packer fluid and established circulation, pumped additional 20 bbls w/ fluid cleaning up and SD. Moved out pump truck and spotted and RU Petroplex cement pump and equipment. Pumped 130 bbls 3% KCL w/ pkr fluid to establish circulated additional 5 bbls, closed casing valve and psi to 500 and SD w/ pressure dropping from 500-0 psi in 5 seconds. RD all pump equipment, pumped a total of 400 bbls 3% KCL w/ packer fluid. SWI and SDON. (PEH)

AFE Cum. Cost:

Daily Cost:

m. Cost: \$3

AFE Amount:

Mar 31, 2021 Wednesday Day 6

SICP- vac, SITP- vac, RIW with tubing and lightly tagged CIBP at 10,665'. POW w/ 2-7/8" tubing and LD SN and notched collar. Contractor delivered and set frac tank and loaded tank w/ fw w/ biocide. RIW w/ 5-1/2" HD 17" packer, XO, SN and 298 jts 2-7/8" N80 tubing. PU 2-7/8" x 8' N80 tubing sub and set packer at 9000' w/ 20 pts compression. Loaded casing w/ 132 bfw w/ biocide and tested to 500 psi, isolated truck from casing w/ no pressure loss in 15 minutes and bled down pressure. Loaded tubing w/ 68 bfw w/ biocide and tested down tubing from 9000' to CIBP at 10,665' and established injection rate at 1-3/4" BPM at 500 psi. Released packer, RIW and reset packer at 10,450' below Atoka squeezed perfs from 10,416' to 10,425'. Loaded tubing/casing annulus w/ 25 bfw mixed w/ biocide and tested from surface to packer at 10,450' (Atoka Perfs) to 500 psi and isolated truck and lost 300 psi in 15 minutes. Pressured up to 500 isolated and lost 240 psi in 15 minutes, bled down pressure with large amount of air/foam from casing. Pumped down tubing testing from packer set at 10,450' to CIBP @ 10,665' w/ Morrow squeezed perfs at 10,562'. Loaded tubing w/ 13 bfw w/ biocide pumping into at 1 bpm and increased rate to 1.5 bpm rate at 500 psi. SD tubing and on vacuum in 3 seconds. RIW w/ packer down to top of CIBP and set at 10,662' w/ 20 pts compression and tested down tubing to CIBP and established injection rate of 1.5 bpm rate at 500 psi and

Fasken Oil and Ranch, LTD.**Daily Operations Report**

(All Event Days)

Page 7

1/1/2000 thru 11/4/2022

Printed 11/4/2022

SD and on vacuum when SD pump. Tested down casing from surface to packer at 10,662' and CIBP set at 10,665'. Loaded casing w/ 16 bfw w/ biocide and tested to 500 and lost 400 psi in 15 minutes. Tested to 500 on 2nd attempt and lost 320 psi in 15 minutes. Checked casing with heavy foam concentration in casing, left casing open to bled down through pinched valve to gas buster to allow foam to break out overnight. Plan to retest casing in A.M. and SDON. Contractor delivered 520 bfw w/ biocide into frac tank today. Pumped total of 334 bfw w/ biocide. (PEH)

AFE Cum. Cost:

Daily Cost:

Cum. Cost:

AFE Amount:

Apr 1, 2021 Thursday Day 7

Crew late arrival due to Safety meeting. SICP-dead, SITP-vac. Packer set above CIBP at 10,665' w/ bottom of packer at 10,662'. Loaded casing w/ 56 bfw w/ biocide and pressured to 500 psi, isolated truck from well and lost 300 psi in 15 minutes. Pressured casing to 500 psi, isolated truck from well and lost 200 psi in 15 minutes and reported results to Midland Office. Called BLM on call at 10:36 A.M. NM time and spoke w/ Joe Salcido and suggested call the on-call engineer, Rachel responded answering system full at 10:41 A.M. NM time. Plan to continue to attempt to call engineer line. 11:06 A.M. NM time, Rachel called back asked if we could plug back as suggested. Rachel w/BLM reported she would get with BLM Engineer and call back. Released HD packer at 10,662', 3' above plug at 10,665' and POW w/ 353 jts 2-7/8" N80 tubing and LD SN and HD packer. SWI and SDON. Spoke BLM Engineer at 3:01 P.M. NM time and discussed well back not concerned w/ plug at 10,665' not holding w/ top of Morrow perms above plug that have been previously squeezed. (PEH)

AFE Cum. Cost:

Daily Cost:

Cum. Cost:

AFE Amount:

Apr 2, 2021 Friday Day 8

No activity. (PEH)

AFE Cum. Cost:

Daily Cost:

Cum. Cost:

AFE Amount:

Apr 3, 2021 Saturday Day 9

No activity. (PEH)

AFE Cum. Cost:

Daily Cost:

Cum. Cost:

AFE Amount:

Apr 4, 2021 Sunday Day 10

Called BLM On-Call 6:15 A.M. 4/4/21, and explained that if we set CIBP @ 10,500' and a 25 sx cement plug on top we would have top of cement at 10,273'. This would cover squeezed Atoka perms @ 10,416'-10,425'. We would tag plug before perforating. BLM asked to make sure to send a detailed report. (PEH)

AFE Cum. Cost:

Daily Cost:

Cum. Cost:

AFE Amount:

Apr 5, 2021 Monday Day 11

Fasken Oil and Ranch, LTD.**Daily Operations Report**

(All Event Days)

Page 8

1/1/2000 thru 11/4/2022

Printed 11/4/2022

SICP-20 psi. Bled down pressure and RU Capitan WL. RIW w/ 5-1/2" CIBP on WL and correlated depth to Schlumberger CBL dated 7-1-76 and set CIBP at 10,500'. POW w/ WL and RU Tex-Mex pump truck and LE vac truck and loaded 5-1/2" casing with 138 bfw, pressure tested 5-1/2" to 550 psi with 50 psi loss in 5". Left voice message with BLM Carlsbad at 11:40 am CDT. Received call back from Mr. Law at 12:30 pm and informed him of CIBP setting depth of 10,500', he wanted to calculate cement volume and called back with 35 sx cement volume to be spotted on top of CIBP for new PBTD of 10,200'. RD Capitan WL and RIW with 2-7/8" notched collar, 2-7/8" x 4' perforated sub, SN and 348 jts tubing and tagged CIBP at 10,498' (tubing measurement). RU Petroplex Acidizing cement pump, mixed and pumped 35 sx Cl H cement (s.w. 15.6 ppg, yield 1.18 cuft/sk) and spotted cement with 59 bfw. POW and LD 10 jts tubing to 10,200' and reverse circulated well with 70 bbls 2% Kcl water. POW with 40 jts tubing to 9025', RD Petroplex and SWI and SDON. (SRF)

	Daily Cost:	
AFE Cum. Cost:	Cum. Cost:	\$69,616
	AFE Amount:	

Apr 6, 2021 Tuesday Day 12

SITP-0 psi, SICP-0 psi. RIW with tubing and tagged TOC at 10,282', left message with BLM Carlsbad office at 8:29 am CDT. Downing tech and crew replaced two 2-1/16" FE 5M gate valves on tubinghead. Waited 2 hrs for BLM to return call, contacted BLM area manager (Tye Bryson) at Carlsbad office at 10:38 am CDT and Tye had engineer return call at 10:50 am CDT. Discussed well status with Zota Stevens of Carlsbad BLM office and received approval to continue with the approved recompletion procedure. Pressure tested 5-1/2" casing to 1200 psi for 10" with no pressure loss, bled down pressure and POW and LD 348 jts tubing. K Nevaeh Trucking moved 365 jts 2-7/8" tubing off pipe racks and racked 310 jts 2-3/8" 4.7# EUE 8rd N80 AB modified tubing and back hauled 365 jts 2-7/8" 6.5# EUE 8rd N80 AB modified tubing to Tuboscope Fulton Rd yard for inspection, 7-1/16" 5M x 2-7/8" EUE 8rd adapter with 2-1/16" double valve flowtree with safety valve and two 2-1/16" 5M FE gate valves to Downing Wellhead for repair. LE Trucking emptied gas buster of 200 bf and hauled to public disposal and delivered 120 bbls 2% Kcl water to frac tank. SWI and SDON. (SRF)

	Daily Cost:	
AFE Cum. Cost:	Cum. Cost:	
	AFE Amount:	

Apr 7, 2021 Wednesday Day 13

SICP-0 psi. Cleaned and tallied 187 jts 2-3/8" EUE 8rd N80 AB modified tubing on pipe racks. PU and RIW w/ Fasken owned 5-1/2" Arrowset 1x pkr w/ 4' 2-3/8" N80 tubing sub w/ WL entry on bottom. RIW and PU 187 jts 2-3/8" EUE 8rd N80 AB modified tubing while installing rings in collars. Cleaned and tallied remaining 123 jts 2-3/8" EUE 8rd N80 AB modified tubing on pipe racks. PU and RIW w/ 310 jts 2-3/8" EUE 8rd N80 w/ AB modified couplings w/ EOT @ 9991'. RU Petroplex acid truck, pickled tubing w/ 500 gal 15% HCL acid and displaced w/ 27 bfw and pumped at .5 BMR @ 400 psi. Reversed acid out tubing w/ 43 bfw at 1.5 BMR @ 300 psi. SWI and SDON. (RF)

	Daily Cost:	
AFE Cum. Cost:	Cum. Cost:	
	AFE Amount:	

Apr 8, 2021 Thursday Day 14

SITP-0 psi, SICP-0 psi. Waited on vacuum truck for 1-1/2 hrs. RU pump truck and vacuum truck, mixed and reverse circulated well w/ 200 bbls 3% Kcl water containing packer fluid. Set packer at 9854' with EOT at 9859'KB. Topped off casing with packer fluid

Fasken Oil and Ranch, LTD.**Daily Operations Report**

(All Event Days)

Page 9

1/1/2000 thru 11/4/2022

Printed 11/4/2022

and pressure tested tubing/casing annulus to 1260 psi on chart recorder for 35" with no pressure loss and bled down pressure. ND BOP and NU flowtree. Notified Zota Stevens at Carlsbad BLM office of pressure test results at 2:00 pm CDT via voice message. Tubing detail as follows:

2-3/8" wireline entry guide (new)	.33'
2-3/8" x 4' 4.7# EUE 8rd N80 pup jt (new)	4.08'
5-1/2" 17# Arrowset 1X packer (new)	7.20'
2-3/8" x 5-1/2" T2 TOSSD (1.87" F profile) (new)	1.70'
306 jts 2-3/8" 4.7# EUE 8rd N80 AB modified tubing (new)	9835.18'
Sub Total	9848.49'
Below KB	15.00'
Slack off	-3.83'
Total	9859.66'

RU swab tools and swabbed fluid level to 7300' in 5 runs and recovered 28 bf. Gang hooked up flowtree to gas buster through choke and SWI and SDON. L&E Services vacuum truck hauled 3 loads of fluid to public disposal from gas buster. (SRF)

	Daily Cost:	
AFE Cum. Cost:	Cum. Cost:	\$
	AFE Amount:	

Apr 9, 2021 Friday Day 15

SITP-0 psi, SICP-0 psi. RU Capitan WL, made up strips guns and RIW and correlated depth to Schlumberger CBL/GR log dated 7-1-76. Perforated 5-1/2" casing from and 10,122'-10,146' (25 holes), 10,056'-10,066' (11 holes), 10,012'-10,018' (7 holes) and 9944'-9962' (19 holes) with no change in well after first two runs. Had good blow after 3rd run and 300 psi SI pressure after last run. RDWL and opened well to gas buster on 10/64" adjustable choke with 400 psi after 45" build up. Pressure bled down in 20" to light blow. RU swab tools and made two runs, first run tagged scattered fluid at 3700' and 4380' on second run, recovered 4 bf and RD swab tools. 5" SITP- 30 psi, left well open to gas buster and SDON. (SRF)

	Daily Cost:	
AFE Cum. Cost:	9 Cum. Cost:	
	AFE Amount:	

Apr 10, 2021 Saturday Day 16

SITP- 1700 psi. Installed soap launcher in wellhead. Dropped 4 soap sticks and left well SI for 30". SITP increased to 1850 psi. Opened well to gas buster on a 25/64" adjustable choke and was able to open choke to full 3/4" choke in 15".

Flowed well back as follows:

Time	CK	Psi	BW	Total Wtr	Remarks
9:30am	25/64"	1850	0	0	Opened well on 25/64" choke
9:45am	3/4"	150	0	0	Moderate to strong dry blow.
10:00am	3/4"	10	0	0	Light dry blow.
10:15am	3/4"	20	0	0	Moderate dry blow
10:30am	3/4"	5	0	0	Very light blow.
10:45am	3/4"	0	0	0	No blow. dropped 2 soap sticks.
11:00am	3/4"	0	0	0	No blow.
11:15am	3/4"	0	0	0	No blow.
11:30am	3/4"	0	0	0	No blow.

Shut well in over night.

Fasken Oil and Ranch, LTD.

Daily Operations Report

(All Event Days)

1/1/2000 thru 11/4/2022

Page 10

Printed 11/4/2022

LE Services emptied frac tank and hauled 85 bf to public disposal. (SRF/LSH)

AFE Cum. Cost:

Daily Cost:

Cum. Cost:

AFE Amount:

Apr 11, 2021 Sunday Day 17

SITP- 2500 psi. Dropped 4 soap sticks and left well SI for 1.5 hrs. Opened well to gas buster on 25/64" adjustable choke and well blew down to 10 psi in 1 hour 15 minutes. Flowed well back as follows:

Time	CK	Psi	BW	Total Wtr	Remarks
10:30am	25/64"	2500	0	0	Opened well on 25/64"
10:45am	3/4"	100	5.5	5.5	Strong blow w/ mist
11:00am	3/4"	50	0	5.5	Moderate dry blow
11:15am	3/4"	20	0	5.5	Light dry blow
11:30am	3/4"	20	0	5.5	Light dry blow
11:45am	3/4"	10	0	5.5	Light dry blow
12:00pm	3/4"	10	0	5.5	Light dry blow
12:15pm	3/4"	10	0	5.5	Light dry blow
12:30pm	3/4"	10	0	5.5	Light dry blow, SWI

SWI, plan to acidize well tomorrow morning. (LSH)

AFE Cum. Cost:

Daily Cost:

Cum. Cost:

AFE Amount:

Apr 12, 2021 Monday Day 18

SITP- 1900 psi, SICP- 0 psi. Opened well to gas buster on 20/64" choke and bled down pressure to 900 psi in 30", opened choke to 24/64" and bled down to blow in 30". RU Petroplex Acidizing acid pump and Oil States wellhead isolation tool. Trapped 1200 psi on tubing/casing annulus and monitored during job, RU on tubing and tested lines to 6500 psi and bled down pressure. Loaded ball drop gun with 110- 7/8" 1.3 sp grv RCN ball sealers and established rate down tubing with 4 bbls 2% KCl water at 5 bpm and 300 psi. Treated Strawn perforations (9944'-10,146', 62 holes) with 2500 gals 15% NEFE DI HCl acid containing 2 gpt I-8 inhibitor, 1.2 gpt EP-3 emulsion agent, 3.2 gpt IC-200 FE control, 2 gpt P-3 wetting agent and 13# Fe2X Iron control and flushed to top perforation with 40 bbls 2% KCl water as follows: Established rate with 4 bbls 2% KCl water 5 bpm at 300 psi, started acid at 5 bpm and 300 psi, dropped 2 bbl sealers/bbl of acid after first 5 bbls acid pumped. Tubing loaded with 30.5 bbls acid pumped with 5 bpm rate and 2000 psi. Pressure increased to 5000 psi, slowed rate to 1.8 bpm with 34.5 bbls acid pumped, increased rate as pressure allowed. Max rate 5.3 bpm, avg rate 4 bpm, max press 5039 psi, avg press 4750 psi. TLTR- 106 bbls. ISDP- 3479 psi, 5"- 2821 psi, 10"- 2753 psi and 15"- 2708 psi. Observed minimal ball action. SWI and RD Petroplex and Oil States. RDPU and turned well over to production foremen to swab back load. Opened well to gas buster on 3/4" choke and unloaded 11 bf in 1 hr and died. RU Mesa swab unit and tagged fluid level at surface. Recovered an additional 43 bf in 10 swab runs with last 2 swab runs recovered less than 1 bf and EFL- 9750' FS. Well had a slight to moderate blow throughout the day before and after each swab run. Left well open to gas buster on 12/64" positive choke with a slight blow and SDON. TLR- 54 bbls; LLTR- 52 bbls. (SRF/LSH)

AFE Cum. Cost:

Daily Cost:

Cum. Cost:

Fasken Oil and Ranch, LTD.

Daily Operations Report

(All Event Days)

1/1/2000 thru 11/4/2022

Page 11

Printed 11/4/2022

AFE Amount:

Apr 13, 2021 Tuesday Day 19

well flowing to gas buster. FTP- 290 psi. well produced 0 bw over night. RIW with swab and recovered 1 bw in 3 swab runs. well had light to moderate blow after each run. Left well open to gas buster on 12/64" positive choke and RD SU. Released potty trailer. (LSH)

AFE Cum. Cost:

Daily Cost:

Cum. Cost:

AFE Amount:

Apr 14, 2021 Wednesday Day 20

well flowing to gas buster on 12/64" positive choke, FTP- 140 psi. well produced 0 bw over night. Dropped 4 soap sticks and SIW. (LSH)

AFE Cum. Cost:

Daily Cost:

Cum. Cost:

AFE Amount:

Apr 15, 2021 Thursday Day 21

SITP- 3030 psi. Dropped 4 soap sticks and left well shut in for an additional 3.5 hrs. Well built to 3350 psi in 3.5 hrs. Opened well to the gas buster on 16/64" adjustable choke increasing to 3/4" choke in 30". well flowed back 2 bw in 3 hrs. Left well open to gas buster on 12/64" positive choke. TLR- 56 bbls; LLTR- 50 bbls. (LSH)

AFE Cum. Cost:

Daily Cost:

Cum. Cost:

AFE Amount:

Apr 16, 2021 Friday Day 22

Well open to gas buster on 12/64" positive choke, FTP- 147 psi. Estimated 130 mcfpd, well made no fluid over night. SWI and plan to plumb well into flow line and separator on 4/19/21. Contacted Enterprise Pipeline to install electronic flow meter. (LSH)

AFE Cum. Cost:

Daily Cost:

Cum. Cost:

AFE Amount:

Apr 17, 2021 Saturday Day 23

SITP- 3402 psi, no activity. (LSH)

AFE Cum. Cost:

Daily Cost:

Cum. Cost:

AFE Amount:

Apr 18, 2021 Sunday Day 24

SITP- 3955 psi, no activity. (LSH)

AFE Cum. Cost:

Daily Cost:

Cum. Cost:

AFE Amount:

Apr 19, 2021 Monday Day 25

SITP- 4050 psi. Ono's roustabout crew plumbed wellhead to flow line. Left well SI. (LSH)

Fasken Oil and Ranch, LTD.

Daily Operations Report

(All Event Days)

1/1/2000 thru 11/4/2022

Page 12

Printed 11/4/2022

AFE Cum. Cost:

Daily Cost:

Cum. Cost:

AFE Amount:

Apr 20, 2021 Tuesday Day 26

SITP- 4076 psi. Inspected production unit and found separator to be unusable due to internal corrosion. Roustabout crew disconnected production unit and prepared flowline for 3 phase separator from Artesia Warehouse Inventory. SDON. Plan to set separator 4/21/21 and finish production equipment hookup. (ORR)

AFE Cum. Cost:

Daily Cost:

Cum. Cost:

AFE Amount:

Apr 21, 2021 Wednesday Day 27

SITP- 4053 psi. Roustabout crew loaded and moved out old production unit. (LSH)

AFE Cum. Cost:

Daily Cost:

Cum. Cost:

AFE Amount:

Apr 22, 2021 Thursday Day 28

SITP- 4053 psi. Roustabouts delivered and set used 1440 wp 3 phase separator. Tied 2" flow line into separator and rerouted dump lines. Roustabout crew 90% complete with production equipment hookup. Enterprise expected to install gas meter 4/23/21. (LSH)

AFE Cum. Cost:

Daily Cost:

Cum. Cost:

AFE Amount:

Apr 23, 2021 Friday Day 29

SITP- 4074 psi. Roustabouts finished production equipment hookup and Enterprise installed gas meter. Blew tubing down to water tank until psi reached 600 psi. Switched well to sales at 1:00 pm MST on 12/64" positive choke with 220 mcfpd flow rate. Left well flowing on 3/4" adjust choke, FTP- 600 psi with a 160 mcfpd flow rate. Released TWS gas buster. (LSH)

AFE Cum. Cost:

Daily Cost:

Cum. Cost:

AFE Amount:

Apr 24, 2021 Saturday Day 30

Well flowing, FTP- 606 psi. Well produced 123 mcf, 0 bo + 0 bw with a 118 mcfpd flow rate in 20 hours. (LSH)

AFE Cum. Cost:

Daily Cost:

Cum. Cost:

AFE Amount:

Apr 25, 2021 Sunday Day 31

Well flowing, FTP- 596 psi. Well produced 118 mcf, 0 bo + 0 bw with a 106 mcfpd flow rate in 24 hours. (LSH)

AFE Cum. Cost:

Daily Cost:

Cum. Cost:

AFE Amount:

Fasken Oil and Ranch, LTD.

Daily Operations Report

(All Event Days)

1/1/2000 thru 11/4/2022

Page 13

Printed 11/4/2022

Apr 26, 2021 Monday Day 32

Well flowing, FTP- 557 psi. Well produced 110 mcf, 0 bo + 0 bw with a 115 mcfpd flow rate in 24 hours. Roustabouts installed soap launcher. Dropped 2 soap sticks. (LSH)

AFE Cum. Cost:

Daily Cost:

Cum. Cost:

AFE Amount:

Apr 27, 2021 Tuesday Day 33

Well flowing, FTP- 632 psi. Well produced 106 mcf, 0 bo + 0 bw with a 103 mcfpd flow rate in 24 hours. Dropped 2 soap sticks. (LSH)

AFE Cum. Cost:

Daily Cost:

Cum. Cost:

AFE Amount:

Apr 28, 2021 Wednesday Day 34

Well flowing, FTP- 569 psi. Well produced 103 mcf, 0 bo + 0 bw with a 100 mcfpd flow rate in 24 hours. Dropped 2 soap sticks. (LSH)

AFE Cum. Cost:

Daily Cost:

Cum. Cost:

AFE Amount:

Apr 29, 2021 Thursday Day 35

Well flowing, FTP- 523 psi. Well produced 101 mcf, 0 bo + 0 bw with a 109 mcfpd flow rate in 24 hours. Dropped 2 soap sticks. FINAL REPORT. (LSH)

AFE Cum. Cost:

Daily Cost:

Cum. Cost:

AFE Amount:

Report Based On:

Date Range: 1/1/2000 through 11/4/2022

Wells selected based on the following Report Menu selections:

Wells = Avalon Federal # 1.

Avalon Federal No. 1

Tops

As of 4-9-21

Operator **Fasken Oil and Ranch, Ltd.**

Location: 803' FSL and 350' FEL

Sec 1, T21S, R26E

Eddy County, NM

Compl.: 7/6/1976

API #: 30-015-21814

TD: 11,450'

PBSD: 11,242' (FC 11279')

Casing: 13-3/8" 48# H-40 @ 500'

w/230sx low den cmt, 1/4#/sk celleflake, 5lb/sk Gilsonite,

2% CaCl₂+150sx "C", Circ 35 sx, TOC surf.

Circ 35 sx, TOC surf.

9-5/8" 32# H40,36# K55 @ 2560'w/150sx Folsie w/2%CaCl₂+250 sx low den cmt w/5 lb/sk Gilsonite,1/4#/sk flocele+200 sx "C" 2% CaCl₂ w/no returns+1" 8 timesw/330 sx, TOC surf, circ 5sx 2nd Bone Spr sd 6866'5-1/2" 15.5,17&20# K55&N-80 @ 11,361'

w/300 sx 50/50 Pox, 2%gel, 0.59 D31, 0.69 D19, 2% R5 (14.2 ppg)

+350 sx "H" w/35% Silica flour,5% D31m0,6%D19,0.2%R5 (15.7ppg).

TOC 8750' by CBL.

Tbg: 2-3/8" wireline entry guide (new) 0.33

4/8/2021 2-3/8"x 4' 4.7#EUE8rdN80 pup jt(new) 4.08

5-1/2" Arrowset 10K pkr (new) 7.20

AJL: 2-3/8"x5-1/2" T2 TOSSD 1.87 "F" PN 1.70

32.14 306jts2-3/8"4.7#EUE8rdN80 ABmod tbg 9835.18

Below KB (KB 15.00'-3.83' slackoff) 11.17

EOT 9859.66

3rd Bone Spr sd 8250'Wolfcamp 8603'Cisco 9,594'Canyon 9,743'Strawn 9,924'**Strawn**

4/9/21 9944'-62' 1jspf, 19h

4/9/21 10012'-18' 1jspf, 7h

4/9/21 10056'-66' 1jspf, 11h

4/9/21 10122'-46' 1jspf, 25

CIBP 10,500' w/31 sx "H" yld 1.18 cuft/ft Atoka 10,256'

Tagged 10,282' 4/6/21

CIBP 10,665' PSI test failed 3/30/21

10/2/93 10416'-25' (Atoka) Sqzd 1/97 Morrow Lime 10446'**Morrow**12/6/96 10,545'-657' Morrow Clas 10883'10715'-11052' Sqzd 1/97 Morrow B 10,896'

10/2/93 10715'-30' Active

76, '77, '78 10842'-11052' Active

7/6/76 11120'-66' Sqzd 1/97 Barnett 10,874'

Hole Sz 17-1/2" 500', 12-1/4" 2560', 8-3/4" 11,450'

Status: SI May 2016

13-3/8" 48# H-40 @ 500'

Circ 35 sx, TOC surf.

95/8" 36# K55 Surf-860'

9-5/8" 32# H40 860'-2560'

9-5/8" 32# H40,36# K55 @ 2560'

Circ 5sx, TOC surf.

Casing Detail:

5-1/2" 17# N80 Surf-429'

5-1/2" 17# K55 429'-1696'

5-1/2" 15.5# K55 1696'-5560'

5-1/2" 17# K55 5560'-7603'

5-1/2" 17# N80 7603'-10737'

5-1/2" 20# N80 10737'-11361'

5-1/2" 15.5# K55 - yield 4810 psi

TOC 8750' by CBL.

EOT 9859.66

Strawn

9944'-10146' (4-9-21)

Tagged Cmt 10,282'

10416'-25' Atoka

CIBP 10500' w/31sx "H" to 10,282'

10,534'-657' U. Morrow

CIBP 10665'

10715'-11052' Morrow

Cmt Rel 11102' 6-28-93

11120'-66', Sqzd 1/97

PBSD: 11,242' (FC 11279')

5-1/2" 15.5,17&20# K55&N-80 @ 11,361'

TD: 11,450'

cwb

4-9-21

AvalonFed1_WBD

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 156324

CONDITIONS

Operator: FASKEN OIL & RANCH LTD 6101 Holiday Hill Rd Midland, TX 79707	OGRID: 151416
	Action Number: 156324
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	None	11/8/2022