

N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Matador Operating Company

3a. Address

310 W Wall, Ste 906 Midland, TX 79701

3b. Phone No. (include area code)

915-687-5955

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980 FNL & 1980 FEL

Sec 6, T20S, R34E

5. Lease Serial No.

NM40406

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Federal 6 com 2

9. API Well No.

30-025-36003

10. Field and Pool, or Exploratory Area

Quail Ridge; Morrow (Gas)

11. County or Parish, State

Lea County, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

See Attachment

ACCEPTED FOR RECORD

MAY - 6 2003

GARY GOURLEY
PETROLEUM ENGINEER

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Russ Mathis

Title Production Manager

Signature

Russ Mathis

Date

5/2/03

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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.

GW

MAY 09 2003

Matador Operating Company

Federal 06 Com #2
Sec.6, T20S, R34E

API #30-025-36003
Lea County, New Mexico

Date : 10/28/2002
Activity: RD
Days On Completion: 1
Remarks : Fin logs (SWC's & RFT's). Set 5 1/2" prod csg. Rig rel 1900 hrs on 10/27/02

Date : 11/4/2002
Activity: Prepare location
Days On Completion: 8
Remarks : Drilling rig moved off location 11/3/02. Vacuum truck pulled fluid off location and out of the cellar. Backhoe attempting to level location.

Date : 11/5/2002
Activity: Prepare location
Days On Completion: 9
Remarks : Backhoe leveled location. Contractor set mast anchors.

Date : 11/6/2002
Activity: WO PU
Days On Completion: 10
Remarks :

Date : 11/7/2002
Activity: RIH with bit
Days On Completion: 11
Remarks : MIRUPU. NU 7-1/16" 5K BOP. Received 428 joints (13703.40' threads on) 2-7/8" EUE 8rd 6.5# L-80 tubing. Cleaned and inspected tubing. RIH with 4-5/8" bit, 5-1/2" casing scraper, 4 3-1/8" DC and 100 joints tubing. SWI, SDON.

Date : 11/8/2002
Activity: RIH with bit
Days On Completion: 12
Remarks : Continued to clean and inspect tubing. Total tubing 428 joints (13653' threads off). CIH with tubing. Tagged up at 13297'. PU swivel and drilled cement to 13420'. Circulated hole clean. SWI, SDON.

Date : 11/9/2002
Activity: Drill Cement
Days On Completion: 13
Remarks : Continued drilling cement to 13647' KB. Circulated hole clean. Displaced hole with 310 bbls 6% KCL with packer fluid. Tested casing to 1500 psig. POH with 120 stands of tubing. SWI, SDFWE.

Date : 11/10/2002
Activity: SDFWE
Days On Completion: 14
Remarks :

Date : 11/11/2002
Activity: Run CBL
Days On Completion: 15
Remarks : COH with tubing. RU Schlumberger wireline. RIH with CBL, CCL, USI, gamma ray and wireline. Correlate to Howco open hole log. Found PBTD at corrected depth of 13598'. Pulled log across zone of interest with no pressure. Loaded casing with 6% KCL and packer fluid. Pressured to 150 psi and repeat log. Found good cement to 13000', with some scattered cement up to 5000'. Released pressure and POH with same. RD wireline. RU AAA tubing testers to test hole at 9000 psi above slips. Picked up and RIH with Howco TCP tools, 10K PLS packer, and 500' tubing. Filled tubing with water to cushion firing bar. SWI, SDON.

Matador Operating Company

Federal 06 Com #2
Sec.6, T20S, R34E

API #30-025-36003
Lea County, New Mexico

Date : 11/12/2002

Activity: Set packer

Days On Completion: 16

Remarks : CIH testing tubing. RU Schlumberger wireline. RIH with gamma ray. Correlated TCP depth to Howco open hole log. POH with same. Spaced out, set packer and tools to perforate Morrow from 13393-13404. Guns are 3.375" loaded 6 spf, 120 degree phasing for .44" EH with 40" penetration. RIH with wireline as before to confirm setting depth. POH with same. RD Schlumberger. SWI, SDON.

Date : 11/13/2002

Activity: Perforate

Days On Completion: 17

Remarks : ND BOP. Test and NU 2-9/16, 5K tree. Tested all surface connections and wrap-around to 5000 psi. RU Production Testing for flow test. Dropped sleeve to open vent tube. Packer checked good. RU Cudd N2 pump. Pressured tubing with 64000 scf N2 for surface TP of 1900 psi and BHP of 3000 psi. RD Cudd. Dropped bar to fire TCP guns and perforated Morrow from 13393 - 13404, 6 spf, 60 deg phase, 67 holes. Pressure slowly increased. 3 hour SITP at 4200 psi. Put well through test unit at 2 mmcf/d rate on 11/64 choke. 5 hour FTP at 1000 psi with flow rate of 1.6 mmcf/d. 16 bw produced. At 6:00 am, 11/14/02, showed spot rate of approximately 600 psi FTP making 3/4 bwph.

Date : 11/14/2002

Activity: Flowing

Days On Completion: 18

Remarks : Flow test well 20 hours. Pressure and rate dropped slowly to 430 psi and 750 mcf/d respectively. RU Pro wireline. RIH with BHP recorder and hanging tool. Made flowing gradient stops to XN nipple at 13357". Set recorders in nipple. POH with wireline. Left well open through test unit two hours. Shut well in. Released Production Testers. Will pull recorders 11/18.

Date : 11/15/2002

Activity: Flow Test

Days On Completion: 19

Remarks : Well shut in. Duke energy tied in sales point. Continued construction of production facility.

Date : 11/16/2002

Activity: shut in

Days On Completion: 20

Remarks :

Date : 11/17/2002

Activity: shut in

Days On Completion: 21

Date : 11/18/2002

Activity: Pull Pressure Gauges

Days On Completion: 22

Remarks : 96 hour SITP at 1100 psi. RU Pro Wireline. RIH with wireline and recovered BHP recorder. POH with same. RD Pro. SIBHP after 87 hours shut in at 2415 psi. Continued battery construction.

Date : 11/19/2002

Activity: Build Tank Battery

Days On Completion: 23

Remarks : Completed battery construction.

Date : 11/20/2002

Activity: Put on line

Days On Completion: 24

Remarks : 144 hour SITP at 1400 psi. Gas Well Services on location to adjust controls. Put well on line through Duke sales meter at initial flow rate of 1050 MCFD. Line pressure is 19 PSIG. After 4 hours, flow rate is 450 MCFD with FTP of 50 psi.

Matador Operating Company

Federal 06 Com #2
Sec.6, T20S, R34E

API #30-025-36003
Lea County, New Mexico

Date : 11/21/2002

Activity: Producing

Days On Completion: 25

Remarks : 0 oil, 281 MCF, 0 water, 50 tbg pressure. 18 hour FTP 80 psi. Gas volume 271 MCF, current flow rate 335 MCFD.

Date : 11/22/2002

Activity: Producing

Days On Completion: 26

Remarks : 0 oil, 345 MCF, 0 water, 25 tbg pressure

Date : 11/23/2002

Activity: Producing

Days On Completion: 27

Remarks : 0 oil, 186 MCF, 0 water, 25 tbg pressure

Date : 11/24/2002

Activity: Producing

Days On Completion: 28

Remarks : 0 oil, 107 MCF, 0 water, 25 tbg pressure

Date : 11/25/2002

Activity: Circulate

Days On Completion: 29

Remarks : 0 oil, 49 MCF, 0 water, 25 tbg pressure. MIRU Pool. Loaded tubing with cut brine and 6% KcL (9.7 ppg). ND tree. NU 5K hydraulic BOP. Release packer. Circulated with 320 bbls same fluid as before. SWI, SDON.

Date : 11/26/2002

Activity: Set CIBP

Days On Completion: 30

Remarks : POH with tubing and packer. RU Baker Atlas Wireline. RIH with 4.65" gauge ring/junk basket and wireline to 13450. POH with same. RIH with Howco 10K E-Z drill CIBP and wireline. Set at 13390'. POH with wireline and tools. Cap CIBP with 10' cement in one bailer run. RU kill truck. Loaded casing with 40 bbls cut brine and 6% KcL. Tested plug and casing to 5000 psi for 15 min. Tested good. RD kill truck. SWI, SDON.

Date : 11/27/2002

Activity: Perforate

Days On Completion: 31

Remarks : RIH with 3.375" perf guns loaded 6 SPF, 60 deg phase, 32 gram charges for .47" EH and 36.5" penetration. Correlated and perforated Middle Morrow from 13344 - 13354. No change in well condition. POH with same. RIH with 2.313 XN nipple, 10' tubing sub, Howco 10K PLS packer, on-off tool with 2.313 X profile, and 419 joints tubing. Set packer at 13271' with 22 points compression. EOT at 13286.60'. RU swab. IFL at surface. Made 8 swab runs. Recovered 52 bbls. FL at 8000'. Left open to frac tank on 16/64 choke. SD for Holiday.

Tubing Detail:

419 jts	2.875, L-80, EUE, 6.5 ppf tubing	13255.60
	XL on-off with 2.313 X profile	2.19
	5.5 PLS 10K 20-23# packer	407
	Ditto tbg sub	10.04
	2.313 XN profile w/ 2.205 no-go	1.43
	WLREG	0.85
419 jts	total tubing and tools	13274.18
	KB Adjustment	19.00
	Slack off for 22 pt compression	(65.58)
	EOT	13286.60

Date : 11/28/2002

Activity: SD for Holiday

Days On Completion: 32

Matador Operating Company

Federal 06 Com #2
Sec.6, T20S, R34E

API #30-025-36003
Lea County, New Mexico

Date : 11/29/2002
Activity: SD for Holiday
Days On Completion: 33

Date : 11/30/2002
Activity: SD for Holiday
Days On Completion: 34

Date : 12/1/2002
Activity: SD for Holiday
Days On Completion: 35

Date : 12/2/2002
Activity: Swabbing
Days On Completion: 36

Remarks : No fluid entry over 4 day holiday. Continued swabbing. IFL at 6800'. 100% water with slight gas show. RD Pool WS. RU Aries swab unit. 4 hour SITP at 20 psi. Recovered total of 33 bw. Slight gas show. FL at 12200'. Left well open to tank on 20/64 choke. SDON. Total fluid recovered: 85 bw.

Date : 12/3/2002
Activity: Swabbing
Days On Completion: 37

Remarks : No fluid to tank over night. Continued swabbing. IFL at 10800'. (700' fluid entry over night) Down 4 hours for sand line maintenance. Made total of 6 swab runs. Recovered 11 bw this report with slight gas show behind swab. Final FL at 2700'. Total fluid recovered to date: 96 bw. Left open to tank. SDON.

Date : 12/4/2002
Activity: Swabbing
Days On Completion: 38

Remarks : No fluid to tank over night. Continued swabbing. IFL at 12500'. 200' fluid entry over night. Dropped soap. Waited 2 hours between runs. Made total of 6 swab runs. Recovered 2 bw this report with slight gas show behind swab. Final FL at 13000'. Total fluid recovered to date is 93 bw.

Date : 12/5/2002
Activity: Swabbing
Days On Completion: 39

Remarks : No fluid to tank over night. Slight gas vapor from tubing. Continued swabbing. IFL at 12850'. Recovered 70' fluid first run. Dropped soap. Waited 2 hours between runs. Made total of 4 swab runs. Recovered 1/2 bw this report with slight gas show behind swab. Final FL at 13000'. Total fluid recovered to date is 93 bw. Break down schedule for 12/6/02. SWI, SDON.

Date : 12/6/2002
Activity: Acidize & Swab
Days On Completion: 40

Remarks : Well SI 18 hrs SITP 110 psi, SICP 0 psi. RIH w/ swab to 13000' tag no fluid (profile @ 13280'). POOH w/ swab received a small amount of water TSTM. RD swab. MIRU Dowell Schlumberger & Lobo pump truck. Acidize the Morrow perf from 13344-13354 w/ 750 gals 10% Acetic acid w/ Methanol base + additives, over flushed w/ 1000 gals 6% KCL FW as follows: Pump 18 bbls acid ahead flushed w/ 102 bbls 6% KCL FW FB @ 6200 psi, 3.2 bpm, MTP 6200 psi, ATP 5675 psi, ATR 3.2 bpm. Start slowing down pump rate on final 7 bbls flush from 3 to 2 to 1 bpm. TP 5675 to 5553 to 5484 ISIP 5228. 5 min 5159, 10 min 5109, 15 min 5026, 1 hr 4605. 2 hr 4200, 3 hr 3941. RDMO Dowell Schlumberger & Lobo pump truck - 120 blwtr. Open to tank rec'd 7 blw well dead enough to swab. RU swab. IFL surf made 8 swab runs FFL @ 800' pulled from 9800'. Rec'd 54 blw swabbing + 7 bw on flow back for total recovery of 61 blw - 59 blwtr. On last two runs FL increased 600' & 700' from where swab was pulled from. RD swab install adj choke, left well open to tank w/ no blow. Prep to continue to swab back load AM.

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Federal 06 Com #2
Sec.6, T20S, R34E

API #30-025-36003
Lea County, New Mexico

Date : 12/7/2002
Activity: Flow/Swab
Days On Completion: 41
Remarks : Well open to tank on 20/64 choke 0 psi FTP (static) rec'd no fluid overnight. RIH w/ swab tag FL @ 7100' pulled from 8600' rec'd load water w/ no shows. The last FL tag on 12-7-02 was @ 8000' pulled from 9800'. Continue to swab & dry well up in 7 runs rec'd 31 blw - 28 blwtr. Started waiting 1 hr between swab runs. Made 3 more swab runs tagging FL @ 12800' pulling from 13140' (profile @ 13242'). Rec'd very small amounts fluid (TSTM). RD swab left open to tank on 20/64 choke SD for Sunday prep to continue swabbing Monday 12-9-02.

Date : 12/8/2002
Activity: SDFWE
Days On Completion: 42

Date : 12/9/2002
Activity: Swab test
Days On Completion: 43
Remarks : Well open to tank 38 hrs on 20/64 choke. This AM 0 psi w/ no blow (static). Last tag was 12,500' pulled from 13,100' on report 12-8-02. RIH tag fluid @ 12,500' (no entry) pulled from 13,100' rec'd 2 blw w/ no shows of oil or gas. Dropped 4 soap sticks wait 2 hrs RIH w/ swab tag fluid @ 12,900' pull from 13,100' rec'd 2 blw no shows. Wait 2 hrs make final swab run tag FL @ 12,900' pulled from 13,100' rec'd 1 blw w/ no shows . Total rec'd in 3 runs today was 5 blw -23blwtr. Left well open to tank on 20/64 choke SDON.

Date : 12/10/2002
Activity: Swabbing
Days On Completion: 44
Remarks : Well open to tank 17 hours on 20/64 choke. This AM 0 psi with no blow (static). Last tag was 12,900' pulled from 13,100' on report 12-10-02. RIH. Tagged fluid at 12,500' (400' entry) pulled from 13,100' recovered 1 bw with no shows of oil or gas -22 bw. SWI, RDMO. Wait on Frac Final Report until further activity.

Date : 12/11/2002
Activity: WO Frac
Days On Completion: 45

Date : 12/12/2002
Activity: WO Frac
Days On Completion: 46

Date : 12/13/2002
Activity: WO Frac
Days On Completion: 47

Date : 12/14/2002
Activity: WO Frac
Days On Completion: 48

Date : 12/15/2002
Activity: WO Frac
Days On Completion: 49

Date : 12/16/2002
Activity: Swabbing
Days On Completion: 50
Remarks : Well shut in. SITP 45 psi, SICP 0 psi. MIRU Aries PU. Prep to POOH with tubing. RIH with swab. Tagged FL at 12,900'. Pulled from 13,100'. Recovered 0 bbls fluid (very small amount TSTM). SWI, SDON.

Date : 12/17/2002
Activity: shut in
Days On Completion: 51
Remarks : Well SI. SITP 10 psi, SICP 0 psi. Stand by. Prep to POOH with tubing. SWI, SDON.

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Sec.6, T20S, R34E

API #30-025-36003
Lea County, New Mexico

Date : 12/18/2002

Activity: Stand by

Days On Completion: 52

Remarks : Well shut in. SITP 10 psi, SICP 0 psi. Loaded tubing with 69 bbls 6% KCL FW. Released packer. LD 1 single. POOH with 5 stands. Pulling out of the hole on the sixth stand the tubing line on the Aries PU parted. With 12' of pipe above the slips. Tubing dropped 7' and was caught with the slips. One Floorhand was struck on the leg by the tubing line. He said he was not hurt and did not want to go to the doctor. Pusher sent him home to rest and to put ice on his leg. SD. Waited on new tubing line. Installed new line. Prep to POOH with tubing. PU on tubing. LD one bent joint on top of tubing string. RIH with a stand set and released packer. POOH with 200 joints. SWI, SDON.

Date : 12/19/2002

Activity: POH with tbg and pkr

Days On Completion: 53

Remarks : Well shut in. SITP 0 psi, SICP 0 psi. Continued to POOH with tubing and packer. Pulled a total of 419 joints 2-7/8" L-80 EUE 8rd tubing, 2-7/8" On/Off tool with 2.313 X profile 2-7/8" x 5-1/2" PLS packer dressed for 20# casing (left 1-1/2 rubbers from packer in the hole), 2-7/8" x 10' N-80 sub, 2-7/8" profile 2.313 XN with 2.205 NG, 2-7/8" WLG. Sent all tools to Halliburton Hobbs shop for repairs. ND BOP. Installed Frac valve. Prep location. Well ready to Frac. SWI, SD.

Date : 12/20/2002

Activity: WO Frac

Days On Completion: 54

Date : 12/21/2002

Activity: Frac

Days On Completion: 55

Remarks : Well shut in. SICP at 0 psi, slight vacuum. MIRU Dowell, TSI tree saver to Frac the Morrow formation from 13,344' to 13,354' down 5-1/2" P110 20# casing. Using 15 frac tanks 6264 bbls 7% KCL FW (preheated) in YF145HTD 45# Borate system using 188,640 lbs 20/40 Bauxite sand. As follows in 16 stages. Pumping slickwater, 2000 gals 10% acetic acid, slickwater, with step rate test (36 bbls to load). Frac ATP 8600 MTP 9424 (ON FLUSH) ATR 49 bpm. ISIP 7000 psi, 5 min 6854, 10 min 6788, 15 min 6746, 30 min 6630. Flow back on 18/64" choke to 5000 psi in 45 mins (5K wellhead). RDMO Dowell and TSI tree saver -6312 bl wtr. Open to pit on 16/64" choke. Turn well over to well tester. Flowed from 7:00 pm to 12:00 am, FTP 5000 to 105 psi. Recovered 398 blw, -5914 bl wtr on 16/64" to 30/64" choke. Continued to flow well with tester. 398 BTLR of 6812 BTL. 5914 BTLTR.

Date : 12/22/2002

Activity: Flow Back Frac

Days On Completion: 56

Remarks : Flow from 12:00 am to 6:00 am. FTP 105 to 5 psi. Recovered 60 blw -5854 blwtr with no sand or shows. Jel completely broke at 4:00 am. Flowed on 30/64" to 48/64" choke. Continued to flow well with tester. 458 BTLR of 6312 BTL. 5854 BTLTR.

Date : 12/23/2002

Activity: RIH with Packer

Days On Completion: 57

Remarks : Flowed 24 hours on 48/64" choke. FTP 15 psi. Recovered 163 blw -5691 blwtr with no sand or shows. Flowing 8 bph last 4 hours. ND 5-1/2" 5K Frac valve. NU BOP. PU and RIH with production packer as follows: 2-7/8" WLG, 2-7/8" profile 2.313 XN with 2.205 NG, 2-7/8" x 10' N-80 sub, 2-7/8" x 5-1/2" PLS 10K packer dressed for 20# casing, 2-7/8" On/Off tool with 2.313 X profile, 420 joints 2-7/8" L-80 6.5# EUE 8rd tubing. Set packer. ND BOP. NU 5K Flow tree. Land tree with 15K compression on packer set at 13,310 by wireline correlation back to Schlumberger CBL dated 11/11/2002. EOT is at 13,338' wireline = 6' above top perf. Open well to tank on 48/64" choke. FTP 15 psi at 8 bph. Continued to flow well with tester. 621 BTLR of 6312 BTL. 5691 BTLTR.

Date : 12/24/2002

Activity: Swabbing

Days On Completion: 58

Remarks : Flowed 24 hours on 48/64" choke. FTP 15 psi. Recovered 65 blw -5626 blwtr with no sand or shows. Flowing 4 bph. RU swab. IFL at surface. Made 8 runs. Recovered 67 BW. FL at 9000'. Clutch on rig must be replaced. Left well open to tank. Production Energy Services will monitor. 753 BLTR of 6312 BTL. 5559 BTLTR.

Matador Operating Company

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Sec.6, T20S, R34E

API #30-025-36003
Lea County, New Mexico

Date : 12/25/2002

Activity: Flow Back Frac

Days On Completion: 59

Remarks : Fluid to surface 18 hours after last swab run. No gas. Flowed 56 bw this report. 809 BTLR of 6312 BTL. 5503 BTLTR.

Date : 12/26/2002

Activity: Flow Back Frac

Days On Completion: 60

Remarks : Continued rig repair. Flowed 30 bw this report on 48/64 choke. 10 psi FTP. 839 BTLR of 6312 BTL. 5473 BTLTR.

Tubing Detail:

420 jts	2-7/8 L-80, 6.5 ppf, EUE 8rd tubing	13307.00
	2.313 X profile in on-off tool	2.19
	Howco 10K PLS packer (50 pt shear)	4.07
	10' ditto tbg sub	10.04
	2.313 XN nipple	1.43
	WLREG	0.85
420 jts	total tubing and tools	13325.58
	KB Adjustment	12.42
	EOT	13338.00

Date : 12/27/2002

Activity: Flow Back Frac

Days On Completion: 61

Remarks : Continued rig repair. Flowed 20 bw this report on 48/64 choke. 10 psi FTP. 859 BTLR of 6312 BTL. 5453 BTLTR.

Date : 12/28/2002

Activity: Flow Back Frac

Days On Completion: 62

Remarks : Continued rig repair. Flowed 25 bw this report on 48/64 choke. 10 psi FTP. 884 BTLR of 6312 BTL. 5428 BTLTR.

Date : 12/29/2002

Activity: Flow Back Frac

Days On Completion: 63

Remarks : Flowed 19 bw this report on 48/64 choke. 10 psi FTP. 903 BTLR of 6312 BTL. 5409 BTLTR.

Date : 12/30/2002

Activity: Swabbing

Days On Completion: 64

Remarks : RU swab. IFL at surface. Swabbed 79 bw with slight gas blow. FL at 9500'. RD Aries well Service. RU Aries swab unit. IFL at 7500' after two hours. Continued swab. Recovered additional 28 bw. FL at 13000'. Left well open to tank on 20/64 choke at 10 psi ftp. Release Production Energy Services. SDON. 1010 BTLR of 6312 BTL. 5302 BTLTR.

Date : 12/31/2002

Activity: Swabbing

Days On Completion: 65

Remarks : FTP at 10 psi on 20 choke, no fluid to tank over night. Continued swab. IFL at 4500' and scattered. Made 7 swab runs with good gas show. Pulled swab from 13000'. Recovered 103 bw. Left open to tank on 20/64 choke. FTP at 20 psi. SDON. 1113 BTLR of 6312 BTL. 5199 BTLTR.

Date : 1/1/2003

Activity: Swabbing

Days On Completion: 66

Remarks : FTP at 60 psi, 30 bw to tank over night. Continued swab. IFL at 2300' and scattered. Made 10 swab runs with gas show decreasing after each run. Pulled swab 4 times from 13000'. Swabbed 57 bw. Left open to tank on 20/64 choke. FTP at 10 psi. SDON. 1200 BTLR of 6312 BTL. 5112 BTLTR.

Matador Operating Company

Federal 06 Com #2
Sec.6, T20S, R34E

API #30-025-36003
Lea County, New Mexico

Date : 1/2/2003

Activity: Swabbing

Days On Completion: 67

Remarks : FTP at 10 psi, 8 bw to tank over night. FTP increased to 150 psi, flowed 14 bw. Well died. Continued swab. IFL at 1800' and scattered. Made 8 swab runs with gas show decreasing after each run. Pulled swab 4 times from 13000'. Swabbed 47 bw. Left open to tank on 20/64 choke. FTP at 10 psi. SDON. 1269 BTLR of 6312 BTL. 5043 BTLLTR.

Date : 1/3/2003

Activity: Swabbing

Days On Completion: 68

Remarks : FTP at 10 psi, 0 bw to tank over night. Continued swab. IFL at 1000' and scattered. Made 8 swab runs with gas show decreasing after each run. Pulled swab 4 times from 13000'. Swabbed 56 bw. Left open to tank. 1325 BTLR of 6312 BTL. 4987 BTLLTR.

Date : 1/4/2003

Activity: Swabbing

Days On Completion: 69

Remarks : FTP at 10 psi, 5 bw to tank overnight. Continued swab. IFL at 9000' and scattered. Made 5 swab runs with gas show decreasing after each run. Pulled swab 4 times from 13000'. Swabbed 32 bw. Left open to tank. 1362 BTLR of 6312 BTL. 4950 BTLLTR.

Date : 1/5/2003

Activity: Swabbing

Days On Completion: 70

Remarks : FTP at 10 psi, 0 bw to tank over night. Continued swab. IFL at 9200' and scattered. Made 3 swab runs with gas show decreasing after each run. Pulled swab 2 times from 13000'. Swabbed 27 bw. Left open to tank. 1389 BTLR of 6312 BTL. 4923 BTLLTR.

Date : 1/6/2003

Activity: Swabbing

Days On Completion: 71

Remarks : FTP at 10 psi, 6 bw to tank over night. Continued swab. IFL at 5400' and scattered. Made 7 swab runs with gas show decreasing after each run. Pulled swab 6 times from 13000'. Swabbed 36 bw. Left open to tank. 1431 BTLR of 6312 BTL. 4881 BTLLTR.

Date : 1/7/2003

Activity: Swabbing

Days On Completion: 72

Remarks : FTP at 10 psi, 5 bw to tank over night. Continued swab. IFL at surface and scattered. Made 7 swab runs with gas show decreasing after each run. Pulled swab 6 times from 13000'. Swabbed 28 bw. Left open to tank. 1464 BTLR of 6312 BTL. 4848 BTLLTR.

Date : 1/8/2003

Activity: Swabbing

Days On Completion: 73

Remarks : FTP at 10 psi, 0 bw to tank over night. Continued swab. IFL at 2000' and scattered. Make 7 swab runs with gas show decreasing after each run. Pulled swab 7 times from 13000'. Swabbed 26 bw. Left open to tank. 1490 BTLR of 6312 BTL. 4822 BTLLTR.

Date : 1/9/2003

Activity: Swabbing

Days On Completion: 74

Remarks : FTP at 10 psi, 0 bw to tank over night. Continued swab. IFL at 2000' and scattered. Made 7 swab runs with gas show decreasing after each run. Pulled swab 7 times from 13000'. Swabbed 26 bw. Left open to tank. 1516 BTLR of 6312 BTL. 4796 BTLLTR.

Matador Operating Company

Federal 06 Com #2
Sec.6, T20S, R34E

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Lea County, New Mexico

Date : 1/10/2003

Activity: Swabbing

Days On Completion: 75

Remarks : FTP at 10 psi, 0 bw to tank over night. Continued swab. IFL at 1200' and scattered. Made 4 swab runs with gas show decreasing after each run. Pulled swab 4 times from 13000'. Swabbed 23 bw. Left open to tank. 1539 BTLR of 6312 BTL. 4773 BTLTR.

Date : 1/11/2003

Activity: Swabbing

Days On Completion: 76

Remarks : FTP at 10 psi, 0 bw to tank over night. Continued swab. IFL at 3800' and scattered. Made 4 swab runs with gas show decreasing after each run. Pulled swab 4 times from 13000'. Swabbed 20 bw. Left open to tank. 1559 BTLR of 6312 BTL. 4753 BTLTR.

Date : 1/12/2003

Activity: Swabbing

Days On Completion: 77

Remarks : FTP at 10 psi, 0 bw to tank over night. Continued swab. IFL at 1200' and scattered. Made 4 swab runs with gas show decreasing after each run. Pulled swab 4 times from 13000'. Swabbed 23 bw. Left open to tank. 1582 BTLR of 6312 BTL. 4730 BTLTR.

Date : 1/13/2003

Activity: Swabbing

Days On Completion: 78

Remarks : FTP at 2 psi, 0 bw to tank over night. Continued swab. IFL at 6400' and scattered. Made 6 swab runs with gas show decreasing after each run. Pulled swab 4 times from 13000'. Swabbed 19 bw. Left open to tank. 1601 BTLR of 6312 BTL. 4711 BTLTR.

Date : 1/14/2003

Activity: POH with tbg and pkr

Days On Completion: 79

Remarks : FTP at 2 psi, 0 bw to tank over night. RD Aries swab unit. RU Eunice Well Service. Loaded tubing with 68 bbls 9.6 ppg brine/6% KcL. ND tree. NU BOP. Released on-off tool. Circulated with 320 bbls same fluid. Latched on-off tool. Released Packer. POH with tubing and packer. Left open to tank. SDON. 1601 BTLR of 6312 BTL. 4711 BTLTR.

Date : 1/15/2003

Activity: Perforate

Days On Completion: 80

Remarks : RU Howco wireline. RIH with 4.625 gauge ring/junk basket to 13350' (FL at 350'). POH with same. RIH with 5.5, 17 ppf, Howco 10K EZ-Drill CIBP. Set same at 13334'. POH with tools and wireline. Cap CIBP with 10' cement with one bailer run. Loaded casing with 38 bbls same fluid as before, and tested to 5000 psi (good). Released pressure. RIH with 3.375 HSC perf guns loaded 3 SPF, 120 deg phase, for .44" EH, and 40" penetration. Perforated Morrow from 13222 - 28, 13261 - 66, 13288 - 92, 13300 - 302, in two runs. No change in well condition (pressure or vacuum). POH with guns. RD Howco. SWI, SDON. 1601 BTLR of 6312 BTL. 4711 BTLTR.

Date : 1/16/2003

Activity: RIH with Packer

Days On Completion: 81

Remarks : SICP at 240 psi. Released pressure to 0 in 4 mins. RIH with WLREG, XN nipple, 10' tubing sub, PLS packer, on-off tool with X nipple, and 411 joints 2-7/8, L-80 tubing. Set packer at 13036' with 10 points compression. ND BOP. NU tree. Tested casing and packer to 5000 psi (good). 1 hour SITP at 480 psi. Flowed to pit with slow fluid return and good gas show. RU swab. Recovered 50 bw to pit in 7 runs. FL at 3500' and scattered. Tubing flowed to pit at up to 100 psi on 48/64 choke. Produced estimated 40 bbls as pressure and rate dropped. PES will monitor over-night. 1651 BTLR of 6312 BTL. 4661 BTLTR.

Matador Operating Company

Federal 06 Com #2

Sec.6, T20S, R34E

API #30-025-36003

Lea County, New Mexico

Date : 1/17/2003

Activity: Put on line

Days On Completion: 82

Remarks : FTP: 50 psi Fluid recovered overnight: 40 bw to pit. TP is stabile w/ fluid rate of 2 bph estimated. NU flow line. 90 min SITP: 800 psi. Produce through production equipment. Gas sales rate to Duke low pressure line of 580 mcf. FTP: 150 psi SDOWE

Date : 1/18/2003

Activity: Producing

Days On Completion: 83

Remarks : 25 oil, 386 MCF, 149 water, working on well.

Date : 1/19/2003

Activity: Producing

Days On Completion: 84

Remarks : 22 oil, 841 MCF, 70 water

Date : 1/20/2003

Activity: Put on line

Days On Completion: 85

Remarks : FTP: 200 psi Fluid recovered previous 24 hr: 11 bw 30 bo. Gas sales of 919 mcf. Current flow rate of 1026 mcf. RD Eunice WS

Date : 1/21/2003

Activity: Producing

Days On Completion: 86

Remarks : 36 oil, 1008 MCF, 14 water, 200 tbq pressure.
Water Analysis
Specific Gravity 1.039 @ 66 degrees F ph 7.00

Anions	ppm
Chlorides	34119
Sulfates	192
Carbonates	0
Bicarbonates	1193

Cations	ppm
Calcium	2316
Magnesium	327
Iron	0
Sodium	19385

Total Ion Equivalent NaCl Concentration= 56777.46 ppm

Date : 1/22/2003

Activity: Producing

Days On Completion: 87

Remarks : 39 oil, 1088 MCF, 8 water, 200 tbq

Date : 1/23/2003

Activity: Producing

Days On Completion: 88

Remarks : 33 oil, 1073 MCF, 8 water, 200 tbq. 1951 BTLR of 6312 BTL. 4361 BTLTR.