

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTOCD ARTESIA  
RECEIVED  
SEP 05 2012  
NMOC ARTESIAFORM APPROVED  
OMB NO 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Other		5. Lease Serial No. LC-029395-B							
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff Resrv., Other: <u>Injection - Re-Entry</u>		6. If Indian, Allottee or Tribe Name							
2. Name of Operator Judah Oil, LLC		7. Unit or CA Agreement Name and No.							
3. Address Box 568 Artesia, NM 88211-0568		8. Lease Name and Well No Jamoca Federal #1 SWD							
3a. Phone No (include area code) 575-746-1280		9. API Well No. 30-015-32265							
4. Location of Well (Report location clearly and in accordance with Federal requirements)* 990 FNL, 660 FEL, UL-A, Sec 29, T-17S, R-31E At surface  At top prod. interval reported below  At total depth		10. Field and Pool or Exploratory Cedar lake - Wolfcamp							
14. Date Spudded 08/22/2011		11. Sec., T., R., M., on Block and Survey or Area							
15. Date T.D. Reached 09/09/2011		12. County or Parish Eddy							
16. Date Completed 09/12/2011 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		13. State NM							
17. Elevations (DF, RKB, RT, GL)* 3754									
18. Total Depth: MD TVD 11908		20. Depth Bridge Plug Set: MD TVD 9780							
19. Plug Back T.D.: MD TVD 9745									
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DLLL/MLL/CZDL/CNL/GRL (SUBMITTED WHEN OXY DRILLED WELL 09/04/2002)		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)							
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8" H40	48#	0	430'	----	580+5yd RM		SURFACE	NONE
12-1/4"	9-5/8"	36-40#	0	4517'	2515'	2200		SURF-CIRC	NONE
8-3/4"	5-1/2"	17#	0	11904'	----	1840-*850		*SURFACE	NONE
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2-7/8"	8850'	8850'							
25. Producing Intervals									
Formation	Top	Bottom	26. Perforation Record						
A) WOLFCAMP	8504'	9550'	Perforated Interval	Size	No. Holes	Perf. Status			
B) CISCO	9550'	9695'			378	OPEN			
C)					174	OPEN			
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc									
Depth Interval	Amount and Type of Material								
*3775' (ORIGINAL COMPL.)	850 SX CL C W/ 2%								
8056'	SQZ HOLE W/33 SXS CL H								
8890'-9685'	ACD W/ 18,000 GAL 20% NEFE HCL IN 3 STAGES W/ ROCK SALT DIVERTER								
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/28/11	12/28/11	6	→	0	0	1280	N/A	N/A	INJECTED INTO ALL PERFS W/ KILL TRUCK
Choke Size	Tbg Press Flwg	Csg Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
6 1/4" SI	1750	0	→	0	0	5120	N/A	Waiting on Tank Facility	
28a Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Press Flwg	Csg Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

\*(See instructions and spaces for additional data on page 2)

COPY

Accept for record  
07/26/2012 HHD

400

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29 Disposition of Gas (Solid, used for fuel, vented, etc.)

NONE - INJECTION WELL

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				WOLFCAMP CISCO	8504' 9550'
				PENN STRAWN	9864' 10706'

## 32. Additional remarks (include plugging procedure):

\* ON INITIAL COMPLETION RIH S/ CBL FROM 3400'-11789', TOC @ 4020', PERF 2 HOLES @3775', M&P 850SX CL C CMT W/ 2% CaCl2 CIRC 68 SX CMT TO PIT

## 33 Indicate which items have been attached by placing a check in the appropriate boxes

- ☐ Electrical/Mechanical Logs (1 full set req'd)     
 ☐ Geologic Report     
 ☐ DST Report     
 ☐ Directional Survey  
☐ Sundry Notice for plugging and cement verification     
 ☐ Core Analysis     
☒ Other: Wellbore Dia. & Completion Report

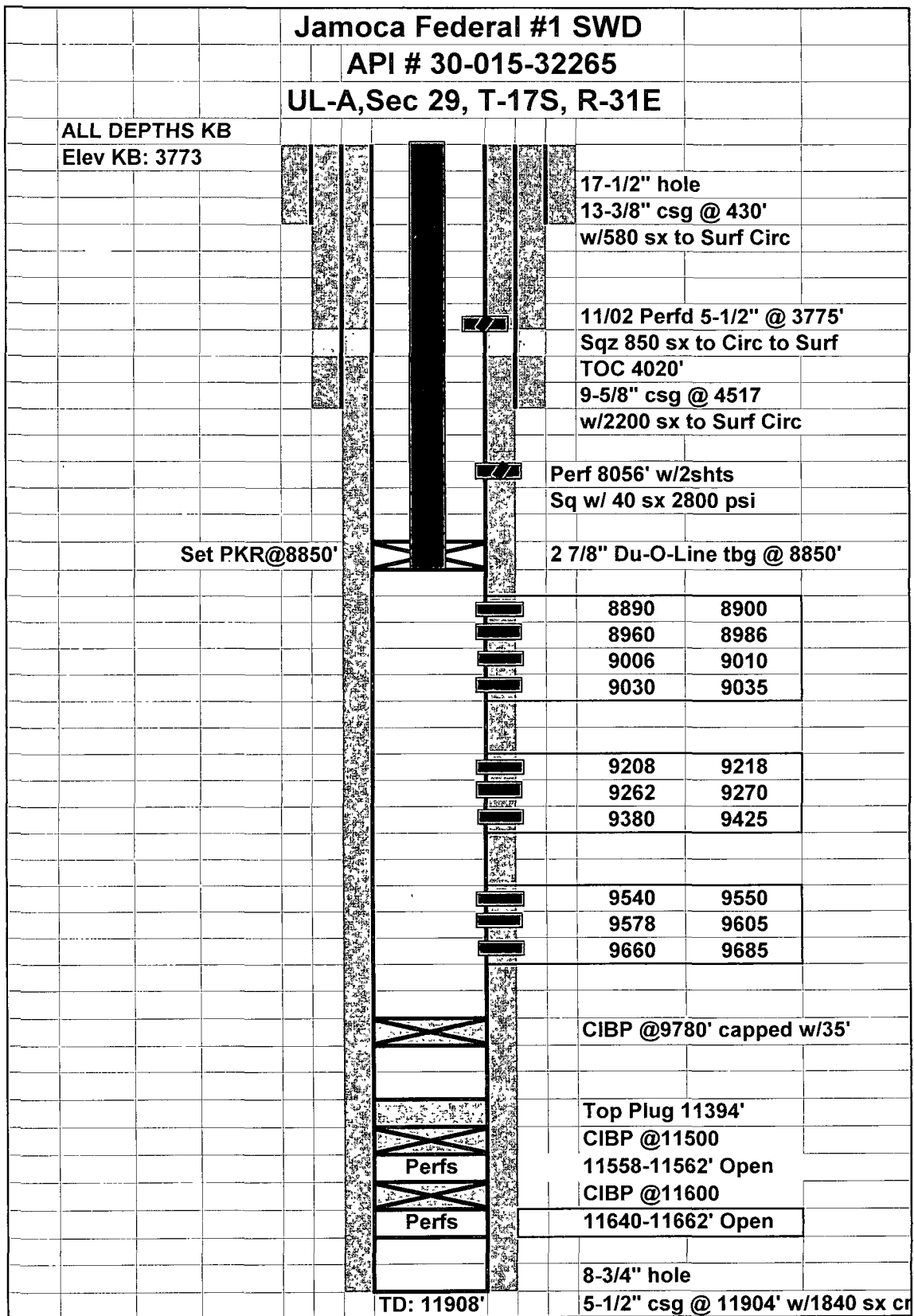
## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) James B. CampanellaTitle Member/ManagerSignature [Signature]Date 3-20-2012

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

(Continued on page 3)

(Form 3160-4, page 2)



**US BLM Form 3160-4 Attachment**

**Well Name and No.:** Jamoca Federal #1 SWD  
**Lease Serial No.:** LC-029395-B  
**API Well No.:** 30-015-32265  
**Location of Well:** 990 FNL 660 FEL NENE (A) SEC 29 T17S R31E  
**Operator:** Judah Oil, LLC

9/12/11 Tested 500# Hydraulic BOP to 2800#s. Tested choke manifold and lines to 2800 psi. RU JSI Wireline. RIH w/5 ½" CIBP and set @ 9780'. Ran CIT to 1800's held. Witnessed by Richard C. w/BLM Carlsbad Field Office, chart attached. RIH w/guns and perforated 9660'-9685' (4 SF), 9578' - 9605' (2 SF), 9006' - 9010' (2 SF), 8960' - 8986' (4 SF), 8890' - 8900' (2 SF). Total 552 holes. Rig down wireline. RIH w/ RBP, packer and 308 jnts tbg. Set RBP. POOH w/4 stands. Ready to acidize. SION

9/3/11 Tested BOP to 2800#s. WHP 300#s. Flowed 65 bbls water to frac tank. No hydrocarbons present. Gas TSTM. Pumped 100 bbls 10# brine. RIH w/5 ½ x 2 7/8 RBP and plug. Set RBP @ 9704' and pulled 2 jnts. Set packer and tested plug to 4000#s, test good. Opened choke manifold from casing to frac tank.

- 1<sup>st</sup> Stage: Spotted acid and set packer @ 9439'. Acidize w/6000 gallons 20% NEFE HCL. Max rate 4.3 bpm @ 2910 psi. ISP - 1740#, 5 min - 1400#s, 10 min - 1300#s. Checked injection rate 3.4 bpm @ 2200#s. 15 Min SI 1050. Total load 270 bbls. Flowed well back to frac tank. Flowing back 125 bph. Flowed back 375 bbl. TP - 240#s. No hydrocarbons detected. Gas was TSTM. Pumped 180 bbls brine down csg, well dead. Unset packer and caught RBP. Set RBP @ 9471'. Pulled 20 jnts and set packer @ 8826'.
- 2<sup>nd</sup> STAGE: Tested lines to 4100#s. Pumped 2060 gal NEFE 20% acid and closed bypass. Pressure to 3850 psi. Tbg burst. Released burst. Released packer. Reversed acid out of tbg back to holding tank. Pumped total 880 gal acid in formation. RD acid trucks. Total 125 bbls load to recover. SION

9/14/11 No pressure on WH. Tested BOP pipe rams to 2800#s, held. POOH w/tbg and packer. Hole in bottom jnt. RIH w/packer and tbg. SI. Wait on acid trucks.

9/17/11 RU Rising Star Acid Trucks. Tested BOP pipe rams to 2800#s, held. RIH w/tbg to 9438'. Spotted acid over perfs 9425' - 8890'. Set back 20 jnts and set packer @ 8806' +/- . Tested lines to 5400#s, no leaks. Pumped 3 stages of 20% NEFE HCL and dropped 1000# rock salt between stages. Pumped 12,000 gallons total 20% NEFE HCL. Total fluid pumped 402 bbls. Max pressure 3610#s. ISIP -

800#s, 5 min SIP – 410#s, 10 min - SIP 270#s, 15 min SIP – 160#s. RD acid trucks. Flowed well to frac tank. Recovered 165 bbls load. Well dead. RU swab. Swabbed back 300 bbls water to frac tank. No Hydrocarbon shows. No gas. FL @ 6700' +/- . Released packer and latched to RBP and released. Pumped 100 bbls brine water down tbg. POOH and laid down packer and RBP. RIH w/packer and set @ 8850'. Tested casing and BOP to 2000#s. RDPU. SI to run Step Rate Test.

9/26/11            Ran Step Rate Test

10/3/11            MIRU Alliance Well Service. TPP 340#s. Blew down to frac tank. Flowed 130 bbls water in 1 hr. No hydrocarbon show. Pumped 57 bbls 10# brine and killed well. NU hydraulic 5000# BOP. Tested pipe rams to 2800#s, held. POOH w/227 jnts W/O tbg and laid down. Well started flowing water. SION.

10/4/11            TP 300#s. Tested BOP pipe rams to 2800#s, held. Pumped 120 bbls 10# brine, well dead. POOH and laid down rest of the W/O string. Laid down packer. RIH w/5 ½ x 2 7/8 NP w/ SS Neck Airset packer w/11.875 F, No On/Off Tool, 272 jnts 2 7/8" Duo Lines N-80 tbg. Set packer @ 8846'. Unlatched from packer and circulated 200 bbls 2% KCL w/110 gal packer fluid. Latched onto packer NM BOP, landed tbg. MU well head. SDON

10/5/11            RDMO pulling unit. Set up MIT test on 10/11/2011.

10/11/11           Ran MIT Test, failed.

10/12/11           MIRU Reeco Well Service. SDON.

10/13/11           RU Pro Wireline. RIH w/gauge ring. RIH w/blanket plug. Bled off tbg. NU 5000# hydraulic BOP. Tested to 2800#s, held. Released On/Off tool. POOH w/Inj String and put in derrick. SION.

10/14/11           RIH w/5 ½" RBP and packer. PU W/O String. Set RBP @ 5015' and tested casing, held. Released plug and tested below 5015', small leak. RIH w/tbg and set plug @ 8812'. Released from plug and set back 1 jnt. SIOW.

10/17/11           Tested BOP to 2800#s, held. Tested casing and found hole between 8058' and 8063'. Pulled 5 stands and laid down 1 single. Dropped 2 sx of sand over RBP. SION.

10/18/11           RIH w/4 stands. Packer hanging @ 8000'. RU JSI Wireline w/guns through tubing and shot 2 squeeze holes @ 8056'. (Casing collar @ 8054'). RD wireline. POOH w/packer and laid down. RIH w/257 jnts to 8143' open ended. (Actual depth shot on wireline depth was 8073'. Showed shots @ 8056' @ tbg tally.) SI BOP SION

10/19/11           RU Crain Acid Truck. Tested BOP to 3000#s, held. Had safety meeting. Spotted 300 gal 15% NEFE HCL acid over squeeze holes. Pulled 10 jnts. Tbg @ 7804'. Pumped 3 bbls and pressure to 2840#s. Broke formation and pumped 2 bpm @ 2650#s. Pumped 72 bbls into formation. ISP 1950#s, 5

min – 1109#s, 10 min – 667#s, 15 min – 503#s. RD acid truck. RU Par Five Cement trucks. Pumped 150 sx Class “H” cement and pumped. Squeezed 33 sx cement into formation @2900#s. Pressure dropped to 2830#s and stabilized. Circulated 117 sx to reverse pit. POOH w/4 jnts. Pressured to 2900#s and SION.

10/20/11 TP 2790#s. Released pressure, tagged cement @ 7805'. POOH w/tbg. RIH w/blade bit, bit sub, 6 – 3 ½ collars, 236 jnt tbg. SDON.

10/21/11 Tested pipe rams to 2800#s, held. RIH w/tbg and tagged cement. LD 13 jnts tbg. RIH w/6 stands tbg and PU swivel. NU stripper head and started drilling out cement. Drilled out of cement @ 8076'. RIH w/8 stands. No stringers. Tested csg to 2400#s, held. SIOW.

10/24/11 Tested pipe rams to 2800#s, held. POOHw/tbg and laid down collars. PU release tool and 5 ½” scraper. RIH w/tbg and tagged @ 8802'. Couldn't get over RBP. SION.

10/25/11 Tested pipe rams to 2800#s, held. POOH w/tbg. Laid down scraper and release tool. PU RIH w/mill bit and tbg. Tagged @ 8802'. PU swivel and drilled 3' cement. Circulate sand off RBP @ 8812'. Circulate hole for 30 min. POOH w/tbg and bit. SION.

10/26/11 Tested BOP to 2800#s, held. Continued pulling tbg. PU broke down for 3 hrs. RIH w/tbg and catch tool. Washed over RBP for 30 min. Released RBP and POOH and laid down 97 jnts W/O tbg. SION.

10/27/11 Continued laying down W/O String. PU On/Off Tool and RIH w/2 7/8” Injection String. Circulate 200 bbls 2% KCL w/packer fluid. Latched onto packer. ND BOP. Landed tbg. SION.

10/28/11 RU Pro Wireline and released blanket plug. RD PU.

11/15/11 Ran MIT Test, held @ 500 PSI. Paul Swartz w/BLM Carlsbad Field Office witnessed test.

Waiting on Tank Facility.

12/28/11 Set two (2) Frac Tanks and filled with PW. RU L & E Kill Truck and pumped 1280 bbls PW down tbg. TP 1750#s.

12/29/11 Pumped 972 bbls, TP 1750#s.

12/30/11 Pumped 312 bbls, TP 1750#s.

Waiting on Tank Facility to be completed.