

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

OCT 21 2010

FORM APPROVED  
OMB No 1004-0137  
Expires March 31, 2007

**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 <input type="checkbox"/> Oil Well <input type="checkbox"/> <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5 Lease Serial No NM-2515
2 Name of Operator Samson Resources		6 If Indian, Allottee or Tribe Name
3a Address 200 N Loraine, Ste 1010 Midland, TX 79701	3b Phone No (include area code) 432-683-7063	7 If Unit or CA/Agreement, Name and/or No
4 Location of Well (Footage, Sec, T, R, M, or Survey Description) 990' FNL & 990' FEL Section 15 T21S R32E		8 Well Name and No Mesa Verde 15 Fed #1
		9 API Well No. 30-025-36836
		10 Field and Pool, or Exploratory Area Hat mesa Morrow
		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			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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 recompleate 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 recompleation 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.)

- MIRU Workover Unit. NU BOPE.
- Swab down tubing unset packer & POH w/tbg.
- MIRU wireline RIH with CIBP and perforating guns, set plug @ +/-11,790', test to 5,000 psi, if ok shoot the following Bone Spring intervals: 9009'-9029', 9080'-9100', 9116'-9128' 1 SPF 120 degree phasing (Correlate with attached Log).
- RD Wireline, RIH with treating packer Hydro testing in hole, set packer @ +/-8,900'. RU acid truck and treat with 5,000 gal of 15% NEFE & ball sealers.
- Swab test well to evaluate for frac (if frac is required continue with step 6, if not skip to step 8 and put on pump).
- POH with treating packer and lay down. ND BOP, NU frac valve and wait on frac.
- MIRU frac crew and frac Bone Spring, RD and start flowback.
- MIRU pulling unit, ND frac valve, NU BOP and RIH with bottom hole assembly, TAC and tbg, set TAC @ +/-8,700', ND BOP and land tbg.
- RIH with pump and rods, space out, RDMO.
- Pump test Bone Spring to get a representative test.

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

14 I hereby certify that the foregoing is true and correct Name (Printed/Typed) Kenneth Krawietz		Title Operations Manager
Signature 	Date 09/03/2010	
THIS SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by 	PETROLEUM ENGINEER Title Office /s/ Dustin Winkler	Date OCT 18 2010
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.		
Title 18 USC Section 1001 and Title 43 USC Section 1212, make it a crime for any person knowingly and willfully to make any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.		
BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE		

(Instructions on page 2)

OCT 25 2010

WELL NAME:	Mesa Verde 15 Fed #1	FIELD:	Hat Mesa	LSE#:	036940
STATE:	NM	COUNTY:	Lea	LOCATION:	990' FNL & 990' FEL of 15-21S-32E
API NO:	30-025-36836	SPUD DATE:	12/4/2004	FORMATION:	Wolfcamp
TD:	14880'	PBTD:	14788' (4/12/05)	ELEVATION:	3864'

PIPE RECORD								CEMENT & HOLE DATA				
CSG	OD	GRADE	THD	WT/FT	TOP	BTM	# JTS	BIT SIZE	DEPTH	SX	WT.	TOC
Surf	16 000"	K55	BTC	75 00#	0'	1544'	34	18 500"		870		Surf
Inter	11 750"	HQC125	BTC	54 00#	0'	3630'	84	14 750"		1240		Surf
Inter	8 625"	HCK55	BTC	32 00#	0'	5283'	123	10 625"		850		Surf
Prod	5 500"	P110	LTC	20 00#	0'	14880'	341	7 875"		2300		5083' Est
Tbg	2 375"	L80	EUE 8rd	4 70#	0'	11749'	370					

Remarks:		CAPACITIES	(bbl/ft)	(ft/bbl)	(cf/ft)
3/10/05:	Frac perfs 14,689-14,528 w/97,500# 20/40 UltraProp, 275 tons Co2 downhole, and 964 bbls fluid	TBG 2 375 in 4 7#			
3/31/05:	Frac Upper Morrow w/100,000# 18/40 Ultra Prop, 1060 bbls fluid, and 298 tons Co2	CSG 5 5 in 20#	0.2210	45.09	12450
4/28/05:	First sales				
3/27/06:	(Perfs 13844'-13908' - Upr Mrw) Acdz w/4500 gals 7% NEFE acid and 36 balls Balled out w/32 balls on 3 3 avg bpm	VOLUME BETWEEN	(bbl/ft)	(ft/bbl)	(cf/ft)
4/1/06:	(Perfs 13338'-13554' - Atoka) Acdz w/2000 gals 7% NEFE acid and 21 balls Balled out w/15 balls on 7000#	TBGxCSG	2 375x5 5		
4/7/06:	(Perfs 13158'-13318' - Strawn) Acdz w/10 bbls acid and 14 balls on formation Balled out @ 7112' Pmp lkg Finish pumping flush/5757#, 3 bpm	TBGxHOLE			
5/8/06:	(Perfs 13158'-13318' - Strawn) Frac well w/119,830# 20/40 Bauxite sand and 4528 bbls of fluid	CSGxHOLE			
6/19/06:	(Perfs 13118'-13128', 13158'-13318' - Strawn) Acdz w/1000 gals 7 5% HCL acid w/ball sealers Flush w/64 bbls 4% KCL Very little ball action	TBGxHOLE			

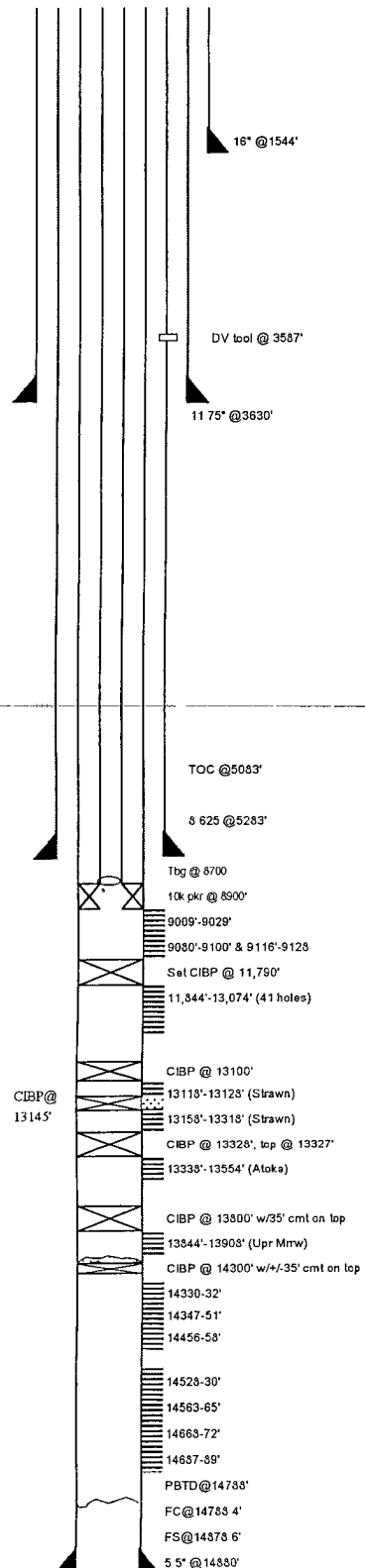
#### PERFORATION RECORD

DATE	TOP	BTM	ZONE	STATUS	SPF
Note: For Perfs prior to 2006 See Comments					
3/25/2006	13908'	13908'	Upr Mrw	Abandoned	2
3/25/2006	13870'	13874'	Upr Mrw	Abandoned	2
3/25/2006	13844'	13850'	Upr Mrw	Abandoned	2
3/30/2006	13338'	13554'	Atoka	Abandoned	2
4/5/2006	13158'	13318'	Strawn	Abandoned	1
6/10/2006	13118'	13128'	Strawn	Abandoned	4
10/7/2006	11844'	13074'	Wolfcamp	Abandoned	
Proposed	9009'	9029'	Bone Spring	Open	
Proposed	9080'	9100'	Bone Spring	Open	
Proposed	9116'	9128'	Bone Spring	Open	

MJ@9948'	SRC WI#:	
MJ@11765'	LOGS:	Triple Combo (1/30/05)

As of 03/08/09:  
Tbg mandrel  
370 JTS 2 375" L80 TBG  
5 5" O/O TOOL W/ 7 87 X NIPPLE  
2.385" X 5.5" 10K PKR @ 11739'  
8' X 2 375" L80 SUB  
1 87 XN NIPPLE W/ 1.79 NO-GO ID  
WL RE=ENTRY GUIDE  
EOT @ 11749'

LANDMAN.		R Buress		GEOLOGIST		R Johnson	
TUBULAR GOODS PERFORMANCE							
Material		ID (in)	Drift (in)	Collapse* (psi)	Burst* (psi)	Tensile* (lbs)	
16" K55 BTC 75#		15 124	14 936	1,020	2,630	1,331,000	
11 75" HCQ125 BTC 54#							
8 625" HCK55 BTC 32#		7 921	7 796	4,130	3,930	556,000	
5 5" P110 LTC 20#		4 778	4 653	11,080	12,640	548,000	
2 375" L80 EUE 8rd 4 7#		1 995	1 901	11,780	11,200		
* Safety Factor Not Included							



PREPARED BY: LeAnne Haskins  
DATE: 4/20/2005  
Updated: 9/13/2010 gls

OFFICE: (918) 583-1791  
FAX: (918) 591-1702

Samson Resources  
NM-2515 – Mesa Verde 15 Federal #1  
API: 30-025-36836  
Lea County, New Mexico

RE: Recomplete – Conditions of Approval

No surface disturbance beyond originally approved well pad. A closed loop system is to be used. H2S monitoring and protection equipment is to be on site.

**Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations.** For wells in Lea County, call 575-393-3612.

3000 (3M) BOP to be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 Attachment I (2M Diagrams of Choke Manifold Equipment). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2.

CIBP shall have 35' bailed or 25sx pumped Class H cement on top.

Submit subsequent report and completion report with well test once work is completed.

DHW 101810