Form 3160-5
(February 2005)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
OCT 19 2009
Bureau of Land Management
Farmington Field Office

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 page 2.*

1. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Other	5. Lease Serial No. NM|NM 99705
	6. If Indian, Allottee or Tribe Name
	7. If Unit of CA/Agreement, Name and/or No.
	8. Well Name and No. Eagle Springs 9 Federal #1
2. Name of Operator: High Plains Operating Company, LLC	9. API Well No. 30-043-21065
3a. Address: 32700 Aspen Drive, Buena Vista, CO 81211 — 3b. Phone No. *(include area code)*: 719-395-8059 719-207-0164 (Cell)	10. Field and Pool or Exploratory Area: Arena Blanca Entrada Southeast (96899)
4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*: 460' FNL and 350' FWL of section 9-T19N-R4W of the NMPM	11. Country or Parish, State: Sandoval County, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☑ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☑ Subsequent Report	☐ Casing Repair	☐ New Construction	☑ Recomplete	☑ Other Recomplete in prep for SWD
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☑ Convert to Injection	☐ Plug Back	☐ 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 recomplete 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

High Plains Operating Company, LLC (HPOC) is operating with Bond No. NMB 000457.

10/5/09. Road rig from Farmington, NM. MIRU Hurricane Air & Swabbing Rig #2. ND wellhead & NU BOP. RU floor and prepare rig. SDON.

10/6/09. RU Weatherford Wireline Services, TIH under pack-off assembly and run a 6.125" gauge ring F/ 5450'- T/ surf. Run in hole & logged with GR/CCL F/ 5518' – T/ 4518'. Correlate GR with open logs run on 09/10/2008. PU a wireline set 7" Weatherford CIBP. Set CIBP at 5414'KB. RU Hurricane rig pump and pressure test CIBP/Csg to 1500psi, held 10min, no bleed off, good test. PU dump bailer with 2ks (2.36cuft) of Portland blend cement and RIH on wireline, dump on top of CIBP at 5414', est TOC at 5403'KB. Picked up 3-1/8" perforating guns under full lubricator and made 3 gun runs perforating the Morrison formation as follows; 5087' – 95': 5114' – 44': 5176' – 91': 5197' – 5212': 5242' – 51' at 2spf (EHD=0.39" w/23gr charges, Est. Pen=41"). RD Weatherford Wireline Services. RU Hurricane pump and increased pressure on csg to ~1600psi, broke off to 700psi, established an inj rate with 11bbls of Entrada Produced water of 2.2bpm @ 700psi. SDON.

10/7/09. Picked up a 7" Arrowset 1X Weatherford packer, seating nipple and TIH on 157jts of 2-7/8", J-55, EUE 8rd, yellowband tubing. Set packer with 15K compression at 5053', seating nipple is at 5050'. Rigged up swab tools, capacity of area to be swabbed is 37bbls. Beginning fluid level was at 200'. Made 11 swab runs and recovered 92bbls of fluids, last fluid level was at 3000'. Took water samples at 71bbls recovered, 80bbls recovered & 90bbls recovered. Sample at 90 bbls recovered sent to lab for analysis. See results included with this Sundry. SD until 10/09/09.

RCVD OCT 28 '09
OIL CONS. DIV.
DIST. 3

CONTINUED ON NEXT PAGE

SWD 1189 Is tubing IPC?

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*: Arthur W. Butler III	Title: Manager, High Plains Operating Company, LLC
Signature: Arthur W. Butler III	Date: 10/15/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD

Approved by	Title	Date: OCT 23 2009
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	FARMINGTON FIELD OFFICE BY

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

(Instructions on page 2)

provide copy of log to OCD

NMOCD

Continued from previous page

10/9/09. SICP=0psi & SITP=25psi upon arrival. Un-set packer and LD 4jts, re-set packer at 4929'KB. RU BJ Services. Loaded casing with rig pump and increased pressure to 500psi, shut in. Est. inj. rate thru perfs at 5.0bpm @ 1250psi. Started acid job. Pumped 250gal of 15% HCl with standard additives, began dropping 250ea, 1.3sp, 7/8" ball-sealers evenly throughout remaining acid. Pumped a total of 2000gal of 15% HCl acid with corrosion inhibitor, iron sequestering and surfactants. Pump began to cavitate at 4.5-5.0bpm, could not increase rate higher. AIR=3.5bpm, MIR=5.0bpm, ATP=990psi; MTP=1274psi; ISDP=560psi; 5min=457psi; 10min=380psi; 15min=322psi. Had some ball action but did not completely ball-off perfs. Flowed back approx 10bbls, unset packer and TIH 11jts to knock off balls, LD 11jts and re-set packer, established a post job inj rate of 5bpm @ 986psi. RD BJ Services. Unset packer and TOOH with 2-7/8" tbg and 7" packer. SDFW.

10/12/09. SICP=slight vacuum upon arrival. Picked up a 7" x 2-7/8" Arrowset 1X Weatherford packer, 7" x 2-7/8" on-off tool with 2.31" X profile, 3-1/2" x 2-7/8" crossover all nickel coated and TIH on 162jts (5021.06') of 3-1/2", 9.3#, J-55, EUE 8rd, plastic lined tubing. See "Pipe Record" that is included with this Sundry. RU H&M Precision and pumped 110gals of corrosion inhibitor/packer fluid followed by 2bbls of water via casing. Set packer with 20-25K compression at 5043.18'KB, X profile is at 5033.56'KB. Landed tubing on 3-1/2" mandrel. ND BOP, NU wellhead. RU Hurricane's rig pump and pressure tested tubing/casing annulus to 500psi, held 10min good test. RD Hurricane rig #2. Road rig back to Farmington, NM.

10/13/09. RU Wellcheck Well Testing. Conduct OCD required Mechanical Integrity test. Increased pressure on tubing/casing annulus to 550psi and held for 30min, testing injection packer. Zero pressure loss. D. Vigil with NMOCD was on location as witness and took testing chart to NM OCD office. Turn well over to production personnel to install surface facilities. Final Report.

BJ SERVICES
Farmington District Lab
Water Analysis Report

Test # hpoES9fed#1

Customer/Well Information

Company:	High Plains Oper.	**Date:**	10/8/2009
Well Name:	Eagle Springs 9 Fed.#1	**Prepared for:**	Russell McQuitty
Location:	00-000-00000	**Submitted by:**	Russell McQuitty
State:	County,	**Prepared by:**	R.Forland
Formation:	Morrison	**Water Type:**	unknown
Depth:	0		

Background Information

Reason for Testing: routine
Completion type:
Well History:
Comments:

Sample Characteristics

Sample Temp:	**76 F** (°F)	**Viscosity:**	1cP
pH:	**7.58**	**Color:**	none
Specific Gravity:	**10.100**	**Odor:**	none
S.G. (Corrected):	#VALUE! @ 60 °F	**Turbidity:**	none
Resistivity (Meas.):	**0.65** Ω-m	**Filtrates:**	0%

Sample Composition

CATIONS

	mg/l	me/l	ppm
Sodium (calc.)	2785	121.1	276
Calcium	289	14.4	29
Magnesium	505	41.6	50
Barium	0	0.0	0
Potassium	**170**	4.3	17
Iron	**0**	0.0	0.00

ANIONS

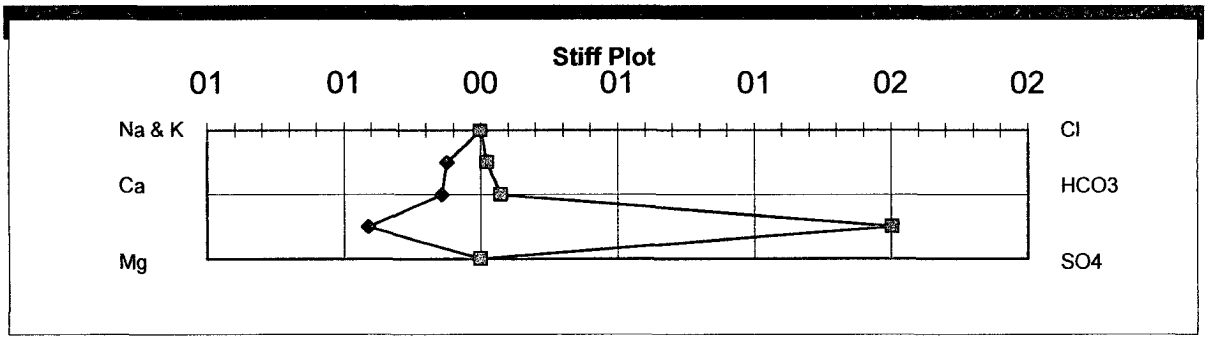
Chloride	800	22.6	79
Sulfate	**7300**	152.0	723
Hydroxide	0	0.0	0
Carbonate	< 1	----	----
Bicarbonate	451	7.4	45

SUMMARY

Total Dissolved Solids(calc.)	12131		1201
Total Hardness as CaCO3	2802	56.0	277

Scaling Tendencies

CaCO3 Factor	130328.2	Calcium Carbonate Scale Probability --> REMOTE
CaSO4 Factor	2107656	Calcium Sulfate Scale Probability -------> REMOTE



WALSH ENGINEERING & PRODUCTION CORP.

PIPE RECORD

Operator: **High Plains Operating Co. LLC** Lease: **Eagle Springs 9** Well No. **Federal #1** Date:10/12/09

Pipe Tally - Show every piece of equipment going into the hole in the order run

Column 1		Column2		Column 3		Column 4		Column 5		Column 6		Column 7		Column 8	
Grade	Wt	Grade	Wt	Grade	Wt	Grade	Wt	Grade	Wt	Grade	Wt	Grade	Wt	Grade	Wt
Pkr	7.87		31.07		30.30		31.09		31.07		31.04		31.00		
tool	1.75		30.98		31.04		31.09		30.85		31.02		31.00		
X/O	0.50		31.04		30.48		30.90		31.02		31.04		31.08		
			31.02		30 90		31.07		31.10		31.01		30.98		
			31.03		31.06		31.08		31.02		31 10		31.04		
			31.08		31.00		31.00		30.97		30.90		31.02		
			31.06		31.05		31 04		31.04		31.04		31 09		
			31.12		30.93		31.00		31.03		31.06		31.04		
			30.35		30.94		31.04		31.06		31.00		30.94		
			31.08		31.00		30.96		31.03		31.00		31.00		
			30.56		31.04		30.97		31.10		31 08		31.00		
			31.04		31.02		31.12		31.03		31.08		30.95		
			31.04		31.06		30.97		30.94		30.98	Out	31.09		
			31.08		31.08		31.06		31.04		30.06	Out	31.06		
			31.01		31.02		31.05		30.97		31.00				
			31.00		31.04		31.07		31.03		31.06				
			31.02		31.08		31.09		31.05		31.08				
			31.00		31.02		31.13		31.02		30.95				
			31.00		31.08		31.12		31.07		31.02				
			31.06		31.00		31.03		31.09		31.04				
			30.98		31.02		31.03		31.05		31.00				
			30.92		30.80		30 97		31.07		31.08				
			30.42		31.00		31.14		31.12		31.08				
			30.98		31.05		30.97		31.09		31.06				
			31.08		31.00		30.98		31.12		31.10				
			31.04		31.04		31.07		30.97		31.00				
			30.46		31.06		31.06		31.01		31.00				
			30.90		31.06		31 03		31.06		31.04				
			30.95		30.30		31.06		31.10		31.01				
			30.86		30.98		31.04		30.96		31.00				
	10.12		928.23		928.45		931.23		931.08		929.93		434 29		0.00

Jts on rack before running 164 | Jts on rack after running 2 | No Jts run 162

Column no.	ITEM	JTS.	OD.	WT.	GRADE	THREAD	MAKE	
1	Arrowset 1X pkr,on-off tool(2.31"i.d.)		7"			EUE 8rd		10.12
2	3-1/2" Plastic Lined Tubing	30	3-1/2"	9 3	J-55	EUE 8rd	New API	928.23
3	3-1/2" Plastic Lined Tubing	30	3-1/2"	9 3	J-55	EUE 8rd	New API	928.45
4	3-1/2" Plastic Lined Tubing	30	3-1/2"	9 3	J-55	EUE 8rd	New API	931 23
5	3-1/2" Plastic Lined Tubing	30	3-1/2"	9 3	J-55	EUE 8rd	New API	931.08
6	3-1/2" Plastic Lined Tubing	30	3-1/2"	9 3	J-55	EUE 8rd	New API	929.93
7	3-1/2" Plastic Lined Tubing	30	3-1/2"	9 3	J-55	EUE 8rd	New API	434.29
8		30	3-1/2"	9 3	J-55	EUE 8rd	New API	0.00

REMARKS * ASTERISK DESIGNATES CENTRALIZER ON JOINT

Packer set in 20-25K compression at 5043'KB

X Profile Nipple(2.31" I.D.) at 5033'KB

TOTAL	5093.33
JTS NOT RUN (- jt) 2	62.15
String Floats	
TOTAL	5031.18
Top of tubing to KB	12.00
SET AT KB	5043.18
CO. REP Russell McQuitty	