

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No 1004-0135
Expires: January 31, 2004

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 checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	2. Name of Operator Frontier Field Services	3a. Address 4200 Skelly Dr., St. 700, Tulsa OK 74135	3b. Phone No (include area code) 918-388-8408	5. Lease Serial No. LC 029509B	6. If Indian, Allottee or Tribe Name N/A	7. If Unit or CA/Agreement, Name and/or No. N/A	8. Well Name and No. Maljamar AGI #1	9. API Well No. 30-025-40420	10. Field and Pool, or Exploratory Area Exploratory (Lower Wolfcamp)	11. County or Parish, State Lea
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12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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 type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other cementing of long string
	<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 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.)

After appropriate required notice to the BLM Hobbs field office, on 6/13-15/2012, the 5 1/2" 17.0 ppf, L80 casing was cemented in place at 10,183 ft by Halliburton Services. (See attached Cement Job Report). The cementing was done pursuant to the 3160-5 proposal approved by BLM on June 11, 2012 by Ed Fernandez of the BLM Carlsbad District Office for the 3 stage cement job. The 3 stages were completed as follows:

Stage 1: Pumped 20 bbl Mud Flush III, followed by 36 bbls (175 sx) Corrosacem, wt 14.8 ppg, yield 1.15. Displaced with 35 bbls water and 200 bbls mud. Bumped plug with 250 psi. Floats held ok. Dropped dart and opened DV tool at 9753 ft. Full returns with Stage 1. WOC 12 hours.

Stage 2: Pumped 25 bbls Tuned Spacer III, followed by 38 bbls (246 sx) of Thermalock, wt. 15.5 ppg, yield 0.87. Displaced with 26 bbls water and 200 bbls mud. Bumped plug with 1500 psi. Plug held ok. Dropped closing dart for 1st DV tool and open 2nd DV tool at 9753 ft. Full returns with Stage 2. WOC 12 hours.

Stage 3: Pumped 20 bbls water, followed by 381 bbls (1150 sks) of Econocem Class H, wt. 12.7 ppg, yield 1.85 (Lead). Pump 39 bbls (200 sx) of Halcem Class H, wt. 15.8, yield 1.16 (Tail). Displaced with 217 bbls water. Bumped plug and closed DV tool with 2850 psi. Plug held ok. Full returns throughout job. Circulated 20 bbls cement to surface.

Pressure test of casing and cement bond log will be done when well is perforated and completed in 6-8weeks. Location is being rigged down.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Alberto A. Gutierrez, RG

Title Consultant to Frontier Field Services, LLC

Signature

Date

06/15/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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

Office

Date JUN 15 2012

/s/ Chris Walls

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Title 18 USC Section 1001 and Title 43 USC 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)

JUN 20 2012

The Road to Excellence Starts with Safety

Sold To #: 304429	Ship To #: 2915495	Quote #:	Sales Order #: 9391873
Customer: PB ENERGY STORAGE SERVICES INC		Customer Rep: Ardoin, Gerald	
Well Name: Frontier Maljamar AGI	Well #: 1	API/UWI #: 30-025-40420	
Field:	City (SAP): MALJAMAR	County/Parish: Lea	State: New Mexico
Legal Description: Section 21 Township 17S Range 32E			
Contractor: PRECISION		Rig/Platform Name/Num: Precision 33	
Job Purpose: Cement Multiple Stages			
Well Type: Development Well		Job Type: Cement Multiple Stages	
Sales Person: COOPER, JAMES	Srvc Supervisor: KIRKPATRICK, MICHAEL	MBU ID Emp #: 421062	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
ALVARADO, JESUS	0.0	468619	BURNS, DONALD Shawn	0.0	518545	CORTEZ, TOMAS	0.0	521040
GUAJARDO, JUAN Gabriel	0.0	258664	JAMES, CARLTON Derwinn	0.0	507271	KIRKPATRICK, MICHAEL Ryan	0.0	421062
PORTEE, FREDERICK D	0.0	418297						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours

TOTAL Total is the sum of each column separately

Job				Job Times			
Formation Name				Date	Time	Time Zone	
Formation Depth (MD)	Top		Bottom	Called Out	13 - Jun - 2012	05:00	MST
Form Type		BHST		On Location	13 - Jun - 2012	13:00	MST
Job depth MD	10183. ft	Job Depth TVD	10183. ft	Job Started	13 - Jun - 2012	17:25	MST
Water Depth		Wk Ht Above Floor	15. ft	Job Completed	15 - Jun - 2012	01:00	MST
Perforation Depth (MD)	From		To	Departed Loc	15 - Jun - 2012	00:00	MST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
7-5/8" Hole				7.625				4200.	10000.		
DV Tool	Unknown							9320.	9320.		
DV Tool	Unknown							9800.	9800.		
Intermediate Casing	Unknown		8.625	7.921	32.	LTC	J-55	4200.			
Production Casing	Unknown		5.5	4.892	17.	LTC	L-80		10000.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
SUGAR, GRANULATED, IMPERIAL	600	LB		
SPEC EQUIP CHR. NO PRICE ESTABLISHED ZI	1	EA		
RHODAMINE RED LIQ DYE (2)	6	LB		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
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Guide Shoe				Packer				Top Plug			
Float Shoe				Bridge Plug				Bottom Plug			
Float Collar				Retainer				SSR plug set			
Insert Float								Plug Container			
Stage Tool								Centralizers			

Miscellaneous Materials

Gelling Agt		Conc		Surfactant		Conc		Acid Type		Qty		Conc	%
Treatment Fld		Conc		Inhibitor		Conc		Sand Type		Size		Qty	

Fluid Data

Stage/Plug #: 1

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	MUD FLUSH III	MUD FLUSH III - SBM (528788)	20.00	bbl	8.4	.0	.0	.0	
2	1st Stage Primary CorrosaCem - H	CORROSACEM (TM) SYSTEM (452967)	175.0	sacks	14.8	1.15	4.84		4.84
	1 lbm	LAP-1 (100012766)							
	0.5 %	CFR-3, W/O DEFOAMER, 50 LB SK (100003653)							
	3 %	SALT, BULK (100003695)							
	4.835 Gal	FRESH WATER							

Stage/Plug #: 2

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density uom	Yield uom	Mix Fluid uom	Rate uom	Total Mix Fluid uom
1	TUNED SPACER III Engineer to Design		25.00	bbl	12.	.0	.0	.0	
2	2nd Stage Primary Thermalock TL	CMT - THERMALOCK CEMENT (101004756)	246.0	sacks	15.5	.87	3.33		3.33
	73 lbm	CMT - THERMALOCK CEMENT, 2000 LB SK (101004756)							
	3.332 Gal	FRESH WATER							

Stage/Plug #: 3

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density uom	Yield uom	Mix Fluid uom	Rate uom	Total Mix Fluid uom
1	Gel Spacer		20.00	Gal	.	.0	.0	.0	
	2.5 lbm/bbl	WG-19, 50 LB BAG (100003638)							
2	3rd Stage Lead EconoCem - HLH	ECONOCCEM (TM) SYSTEM (452992)	1150.0	sacks	12.7	1.86	10.11		10.11
	10.109 Gal	FRESH WATER							
3	3rd Stage Tail HalCem - H	HALCEM (TM) SYSTEM (452986)	200.0	sacks	15.8	1.16	5.15		5.15
	5.148 Gal	FRESH WATER							

Calculated Values

Pressures

Volumes

Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement	0	5 Min		Cement Returns	20	Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	

Rates

Circulating		Mixing	5	Displacement	7	Avg. Job	6
Cement Left In Pipe	Amount	40 ft	Reason	Shoe Joint			
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID

The Information Stated Herein Is Correct

Customer Representative Signature