

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

HOBBSD
JUN 21 2012
RECEIVED

5. Lease Serial No
NM 0315712

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Devon Energy Production Company, L.P.

3a. Address
333 W Shendan, Oklahoma City, OK 73102

3b. Phone No. (include area code)
405-235-3611

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC15 T17S R32E SHL 1310 FNL & 1310 FEL Unit R

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

8. Well Name and No.
Maljamar 15 Federal 1

9. API Well No.
30-025-34549

10. Field and Pool or Exploratory Area
Maljamar Yeso West

11. Country or Parish, State
Lea County, NM

12. CHECK THE 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 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 must 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 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.)

Devon Energy Production Company, L. P. respectfully requests to TA the Abo & Wolfcamp. Acidize and Frac Paddock. H2S may be present once perforating the Paddock. H2S monitoring equipment will be on location.

- 1) MIRU WSU. Kill well w/ 2% CKL. POOH w/ rods & pump. ND WH. NU 5K BOP.
- 2) MIRU WL. Make GR in 5 1/2" csg to 11,000' KBM. Verify PBDT @ 11,930' KBM.
- 3) Dump bail 15' CI H cmt on existing cmt plug @ 11,950' (20' cmt top of CIBP at present). If not adequate, add add'l cmt & WOC. Notify BLM to verify 35' cmt.
- 4) Set CIBP @ 9720'. Dump bail 35' CI H. Wait 4 hrs; tag cmt. Notify BLM to verify 35' cmt.
- 5) RU WL perf Paddock w/ 30 shots: 5867-5596'
- 6) RU for H2S monitoring.
- 7) RIH w/ treating pkr & set @ 5626' KBM. Hydrotest 2 7/8" tbg to 7K psi while TIH.
- 8) RU BHI. Acidize across U Paddock perms. Set pkr @ 5542' & acidize w/ 3K g 15% HCL w/ BS. FWB. Knock balls to btm & POOH w/ tbg & pkr.
- 9) CO Pipe rams on BOP. PU pkr & hydrotest tbg below slips to 8000 psi. Set pkr @ 5542'
- 10) RU BHI and frac Paddock. RD BHI. FWB POOH w/ WS.
- 11) RIH w/ tbg. Set TAC @ 5492'. SN @ 5890' RMDO WSU.

**WITNESS SEE ATTACHED FOR
PLUG BACK CONDITIONS OF APPROVAL**

Attachments

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

Name (Printed/Typed)

Judy A. Barnett

Title Regulatory Specialist

Signature

Date 05/16/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

AUG 01 2012

Title

Office

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.

WESLEY W. INGRAM

PETROLEUM ENGINEER

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 any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

7/17/12 Per Judy they are going to amend this intent

AUG 01 2012

Maljamar 15 Fed #1

AFE # 202387

Objective - TA the Abo & WC. Acidize & Frac Paddock. **H2S may be present once perforating Paddock.

API# - 30-025-34549

GL - 4,074'

TD - 13,861'

Location - Lea Co. -- Sec 15-17S-32E

KB - 4,094' (20')

PBTD - 11,930' w/ CIBP & 20' cmt

Casing	OD	WT/FT	Grade	Top	Bottom	TOC	80% Collapse (psi)	80% Burst (psi)
Surface	13-3/8	48	H-40	0	668	Surface		
Intermediate	9-5/8	36	J-55	0	4,615	Surface		
Production	5-1/2	17	N-80	0	4,680	4596	5,024	6,192
		17	J-55	4,680	7,965		3,928	4,256
		20	N-80	7,965	12,662		7,064	7,352
Tubing								
Production	2-7/8	6.5	N-80	0	10,525	-	10,464	11,624

Current perforations - 8,964'-9,112' (Abo) 9,770'-9,822' & 10,440'-10,682' (Wolfcamp)

Current BHA - 284 jts tbg, TAC, 58 jts tbg, SN @ 10,743', Perf Sub, 1 jt tbg, BP EOT @ 10,779'.
Rods: 85 1" N-97, 107 7/8" N-97, 223 3/4" N-97, 10 1" N-97. 24ft 1-1/4 pump w/ 6ft gas anchor.

**There is no cmt bond from 6,520'-7,826'. DV Tool @ 6,493

Procedure: Please note BLM's COA and required BLM notifications/witnessing.

1) MIRU WSU. Apply LOTO. Set pipe racks. Kill well w/ 2% KCL if necessary. Unseat pump. POOH w/ rods and pump. ND WH. NU 5K BOP (See BLM's COA). Test BOP to Devon specifications. Unset TAC. POOH w/ tubing.

2) MIRU WL Services with full lubricator. Test lubricator to Devon specifications. Make GR run in 5-1/2" casing to 11,000'KBM (note csg wt change depths in table).

- Make a dummy run with cement dump bailer to verify current PBTD @ 11,930'KBM.

- Place by dump bail, 15' of Class H cement on top of the existing cement plug above the Atoka CIBP @ 11,950' (reported 20' of cement on top of CIBP at present). Wait a minimum of 4 hours before tagging the cement. If cement top is not adequate, place additional cement and WOC. Then tag again. This process shall be repeated until the BLM inspector is satisfied that 35' of cement has been placed above CIBP.

5/9/2012

see
COA

Maljamar 15 Fed 1 – Procedure Cont.

- Set a CIBP @ 9,720' KBM (Top Wolfcamp perf @ 9,770'). Dump bail 35' of class H cement on top of the CIBP. Wait a minimum of 4 hours before tagging the cement. If cement top is not adequate, place additional cement and WOC. Then tag again. This process shall be repeated until the BLM inspector is satisfied that 35' of cement has been placed.
 - Set a CIBP @ 8,910' KBM (Top ABO perf @ 8,964'). Dump bail 35' of Class H cement on top of CIBP. Wait a minimum of 4 hours before tagging the cement. If cement is not adequate, place additional cement and WOC. Then tag again. This process shall be repeated until the BLM inspector is satisfied that 35' of cement has been placed.
 - Load 5-1/2" casing with 2% KCL and perform an MIT on 5-1/2" csg (500 psi for 30 min w/chart).
- 3) If ok, set 5-1/2", 17#, 10K CIBP @ 6,270'. Dump bail 35' of cement on top of CIBP. Wait a minimum of 4 hours before tagging the cement. If the cement top is not adequate, place additional cement and WOC. Then tag again. This process shall be repeated until the BLM inspector is satisfied that 35' of cement has been placed.

- 4) RU WL to perforate with 3-1/8" slick guns. Perf Paddock w/ 30 total shots as follows:

Formation	Perf Interval (ft)	Feet	Density (spf)	Phasing (°)	Charge (in)	# of Holes
Paddock	5,592 - 5,596	4	1	60	0.57	4
	5,610 - 5,624	14	1	60	0.57	14
	5,823 - 5,830	7	1	60	0.57	7
	5,860 - 5,863	3	1	60	0.57	3
	5,867 - 5,869	2	1	60	0.57	2

- 5) RU safety services and personnel for H2S monitoring.
- 6) RIH w/ Weatherford 10K HD treating packer & 2-7/8" tbg to 5,626' KBM. Hydrotest 2-7/8" tubing below slips to 7,000 psi while TIH.
- 7) RU BHI Services. Test lines. Spot acid across U Paddock perfs @ 5,592'-5,624'. PUH & set packer ~5,542'. Apply 500 psi to backside. Make sure packer tests. Acidize well with 3,000 gals 15% HCL with ball sealers. Shut well in for one hr, flow well back. Knock balls to bottom & POOH w/ tubing & packer.



Maljamar 15 Fed 1 – Procedure Cont.

8) Receive ~5,600' of 3-1/2", 9.2#, L-80 tbg for work string. RU Big Bear lay down machine. Change out pipe rams on BOP. PU Weatherford 10K big bore HD pkr hydrotest tubing below slips to 8,000 psi & set Pkr at ~5,542'. ND BOP. NU FMC 3-1/2" frac tree. **Have Stinger tree saver ready for frac.

9) RU BHI Services. Apply 500 psi to the backside. Frac Paddock as follows.

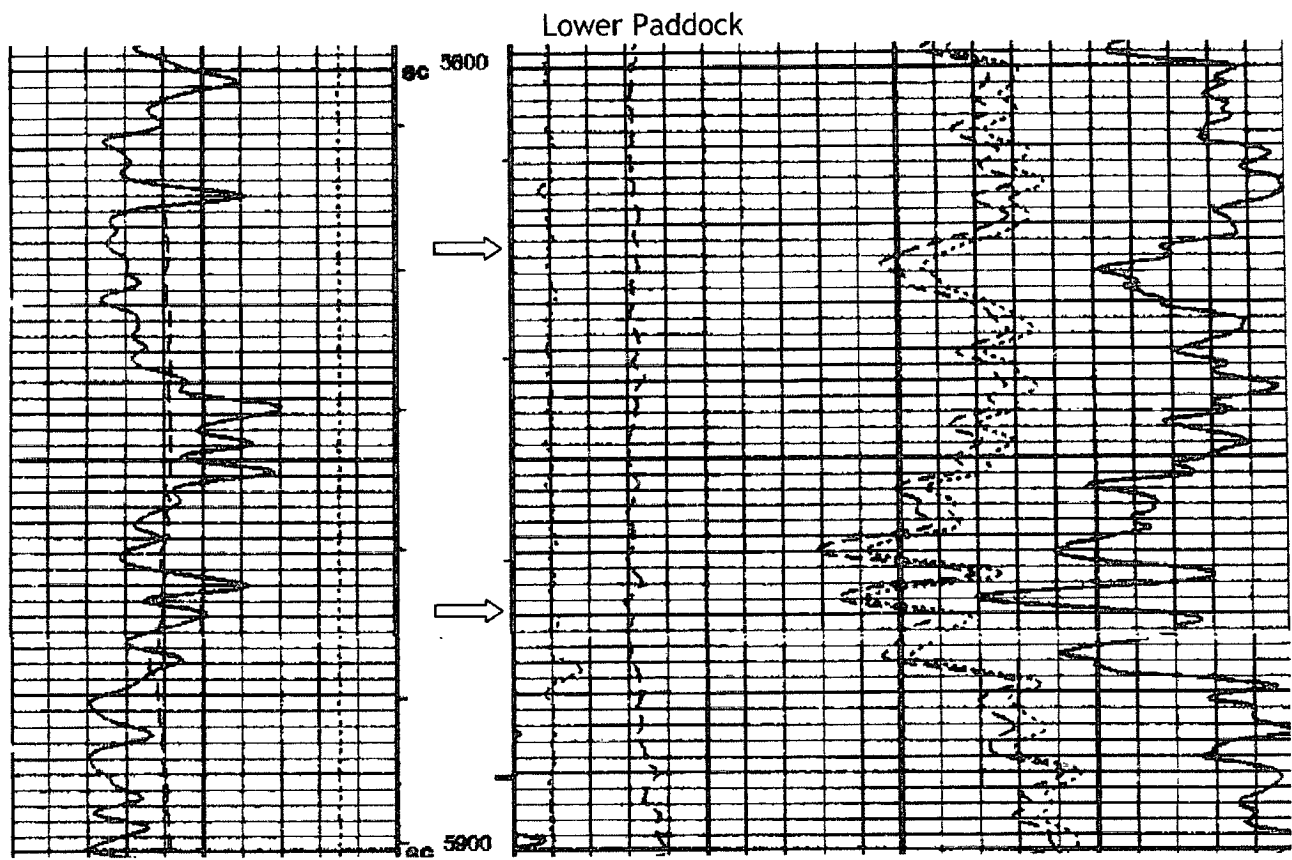
stage	Fluid		Proppant			
	Type	Volume (gal)	Conc. (ppa)	Type	Stage (lbs)	Cum (lbs)
1	Viking 1500	50000				
2	Viking 1500	28000	0.25	100% Sand, Brown, 20/40	7000	7000
3	Viking 1500	35000	0.50	100% Sand, Brown, 20/40	17500	24500
4	Viking 1500	69000	1.00	100% Sand, Brown, 20/40	69000	93500
5	Viking 1500	28000	1.50	100% Sand, Brown, 20/40	42000	135500
6	Viking 1500	4000	2.00	100% SiberProp, 16/30	8000	143500
7	Viking 1500	3000	2.50	100% SiberProp, 16/30	7500	151000
8	Viking 1500	3000	3.00	100% SiberProp, 16/30	9000	160000
9	Slick Fresh Water	2011				160000
Total		222011				160000

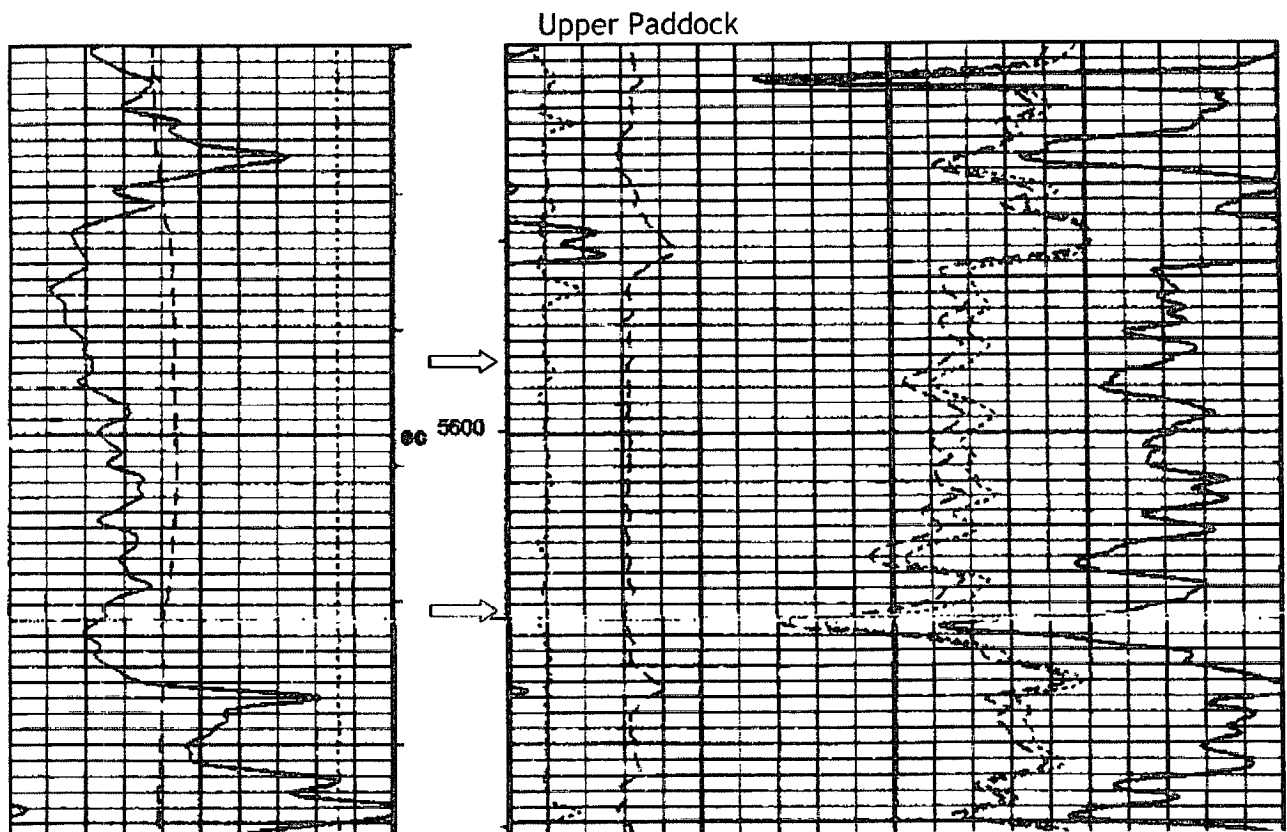
10) RD BHI. Flow well back at 30 bbl/hr for a minimum of 12 hrs (or longer if needed - overnight) and then start increasing to a maximum of 60 bbl/hr until well dies.

11) POOH laying down 3-1/2" work string.

12) RIH w/ production tubing. Set TAC ~ 5,492'. Set SN @ ~5,890'. Run 28ft sand screen on bottom. See rodstar report for new rod design. **Due to COG offsetting production rates, a 2" pump should be run with this well with a Stanley filter. RDMO WSU and all rentals.

13) Initiate a corrosion inhibitor program if H2S was detected.





DEVON ENERGY PRODUCTION COMPANY LP

Well Name: MALJAMAR 15 FEDERAL #1	Field: BAISH
Location: 1310' FNL & 1310' FEL; SEC 15, T17S, R32E	County: LEA State: NM
Elevation: 4094' KB; 4074' GL; 20' KB AGL	Spud Date: 12/10/98 Compl Date: 3/24/99
API#: 30-025-34549 Prepared by: Ronnie Slack	Date: 2/22/10 Rev: 4/25/2012 RKH

17-1/2" hole
13-3/8", 48#, H40, STC, @# 668'
 Cmt'd w/525 sx CI C. Circulated

TOC @ 4596', w/1000 psi (cbl-2/11/99)

12-1/4" hole
9-5/8", 36# & 40#, J55 & K55, STC, @ 4,615'
 Cmt'd w/1200 sx CI C. Circulated

DV Tool @ 6,495'

No cement noted from 6,520' to 7,826' (cbl-2/11/99)

ABO (3/23/2011)

8,964' - 8,967'

9,075' - 9,078'

9,108' - 9,112'

3/26/2011-Frac w/ ~47K lbs 20/40 sd 0.25 - 1 ppg

WOLFCAMP (9/1/99)

9,770' - 9,784'

9,808' - 9,822'

9/3/99-acidized 9770-9822 w/2250 gals 15%

9/10/99 acidized 9770-9822 w/7500 gals 20%

WOLFCAMP (3/99)

10,440' - 10,682'

8550 gal 15% NEFE HCL (cmpl rpt)

ATOKA

12,033' - 12,050'

7-7/8" Hole

5-1/2", 17#, N80, 0' - 4680'

5-1/2", 17#, J55, 4680' - 7965'

5-1/2", 20#, N80, 7965' - 12662'

1st Stg 1800 sx CI H

2nd Stg 525 sx CI C

comments.

12/10/98: spud by Santa Fe Energy
 11/1/02: oper change to Devon Energy

RIH PUMP & RODS AS FOLLOWS (BTM UP). 6' X 1-1/4" FILTER,
 24' X 1 1/4" RHBC, 1' X 1" LIFT SUB, 10 - 1" RODS, 223 - 3/4"
 RODS, 107 - 7/8" RODS, 90 - 1" RODS, 1 - 8" X 1" PONY, 3 - 2'
 X 1" PONY, 1 1/2" X 26' PRW/ LNR

284 Jts, 2-7/8", 6.5#, N80
 2-7/8" TAC (~3'); set in tension 14K
 59 Jts, 2-7/8", 6.5#, N80, ~1100'
 SN
 Perf Sub
 1 Jt MA w/ tapped bullplug

TAC ~ 8,885'

EOT ~ 10,780'

20' cement. 11,930' PBTB
 CIBP @ 11,950' (cmpl rpt)

FC @ 12,626' KBM - 36' cement below FC
 FS @ 12,662' KBM

Cement amount
 below shoe
 unknown? Open
 hole was not
 considered
 productive 5-1/2"
 csg set above
 when initially ran

13,861' TD

Conditions of Approval

Devon Energy Production Company, L.P.

Maljamar 15 Federal 1

API 3002534549

June 19, 2012

Operator will not be approved to transfer, assign, sell, or otherwise convey this wellbore to any other entity without addressing the permanent plugs required for the Wolfcamp top, the Abo top and the DV tool.

1. Due to being within the Lesser Prairie Chicken habitat, this workover activity will be restricted to the hours of 9:00 a.m. through 3:00 a.m. for the period of March 1 through June 15. Exceptions to these restrictions may be granted by BLM's Johnny Chopp <jchopp@blm.gov> 575.234.2227 or Bob Ballard <bballard@blm.gov> 575.234.5973.
2. A new "Well Location and Acreage Dedication Plat" (NMOCD Form C-102) is required with the notice of intent package when opening another pay zone.
3. Notify BLM 575-393-3612 Lea Co. a minimum of 24 hours prior to commencing plug back procedures. The procedures are to be witnessed. If no answer, leave a voice mail with the API#, workover purpose, and a call back phone number. Note the contact, time, and date in your subsequent report.
4. Surface disturbance beyond the existing pad shall have prior approval.
5. A closed loop system is required. The operator shall properly dispose of drilling/circulating contents at an authorized disposal site. Tanks are required for all operations, no excavated pits.
6. Functional H₂S monitoring equipment shall be on location.
7. A minimum of 5000(5M) BOPE is 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 (5M) 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.
8. All waste (i.e. trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.
9. **Provide BLM with an electronic copy (Adobe Acrobat Document) cement bond log record of 02/11/1999.**

10. Minimum requirement for mud placed between plugs is 25 sacks of salt water gel per 100 barrels in 9 lb/gal brine.
11. **The BLM PET witness is to run tbg tally and agree to cement placement. Sample each plug for cement curing time and tag and/or pressure test as requested by BLM-PET witness.**
12. There is no record in this office that the retrievable bridge plug set at 9242' was removed. The operator may want to verify.
13. **Step 3 of NOI: Tag CIBP at 11950' and place a minimum of a 25 sack Class H neat cement plug. Sample the cement slurry for weight and set up time.**
14. **Step 4 of NOI: Set CIBP at 9720', tag CIBP and place a minimum of a 25 sack Class H neat cement plug. Sample the cement slurry for weight and set up time.**
15. **Step 4a of NOI: Set CIBP at 8910', tag CIBP and place a minimum of a 25 sack Class H neat cement plug. Sample the cement slurry for weight and set up time.**
16. **Step 4b of NOI: Spot a minimum of a 35 sack Class C neat cement plug across the DV Tool (6600'-6400'). Sample the cement slurry for weight and set up time. Plug shall be tagged at 6400' or shallower. For any plug that requires a tag or pressure test a minimum WOC time of 4 hours(C) is recommended.**
17. **CIBP at 6270' – approved as written.**
18. **Note: When permanently abandoned, operator shall drill out the CIBP at 6270', DV tool plug and CIBP at 8910' and then set a plug at the top of the Wolfcamp, top of Abo, and across the DV tool at 6505' before plugging the upper portion of the hole .**
19. **After setting the top plug and before perforating, perform a BLM-PET witnessed charted casing integrity test of 500 psi. The 5 ½", 17#, J55 casing installed at this depth would not be approved for installation by this office because of its burst safety factor. Pressure leakoff may require remediation prior to continuing with procedure. Include a copy of the chart in the subsequent sundry for this workover.**
20. The operator shall tag fracture material with a tracer and run a tracer survey to verify that the fracture material is not placed out of zone. Results of the tracer to be reported on the workover subsequent sundry Form 3160-5.
21. File a **subsequent sundry** Form 3160-5 within 30 days of the plug back and acid treatment. Include an updated wellbore diagram. File the subsequent sundry for the frac separately if it is delayed as much as 20 days.
22. Submit the BLM Form 3160-4 **Recompletion Report** within 30 days of the date all BLM approved procedures are complete.
23. Workover approval is good for 90 days (completion to be within 90 days of approval). A legitimate request is necessary for extension of that date.

PRS / WWI 061912