UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OCD Artesia 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.

FORM APPROV	/ED
OMB NO. 1004-	0135
Expires: July 31,	2010

5.	Lease Serial No. NMNM025527A	
6.	If Indian, Allottee or Tribe Name	

SUBMIT IN TRI	7. If Unit or CA/Agreement, Name and/or No.								
l Type of Well ☐ Oil Well 🔀 Gas Well 🗖 Oth		8 Well Name and No. BERRY A 11							
2 Name of Operator ALAMO PERMIAN RESOURO		9 API Well No. 30-015-00498-00-S1							
3a Address 415 WEST WALL STREET S MIDLAND, TX 79701	UITE 500	. (include area code 7-0673	e)	10: Field and Pool, or Exploratory RED LAKE					
4. Location of Well (Footage, Sec., 7	, R., M., or Survey Description	n)			11. County or Parish, and State				
Sec 24 T17S R27E NESW 16	550FSL 2310FWL			EDDY COUN	TY, NM				
12. CHECK APPI	ROPRIATE BOX(ES) TO	O INDICATE	NATURE OF	NOTICE, RE	EPORT, OR OTH	ER DATA			
TYPE OF SUBMISSION			ТҮРЕ О	F ACTION					
Notice of Intent	☐ Acidize	D Dee	pen	□ Producti	on (Start/Resume)	☐ Water Shut-Off			
_	Alter Casing	□ Frac	ture Treat	☐ Reclama	ntion	☐ Well Integrity			
☐ Subsequent Report	☐ Casing Repair	□ New	Construction	Recomp	lete	Other			
Final Abandonment Notice	☐ Change Plans	□ Plug	and Abandon	☐ Tempora	arily Abandon				
*	Convert to Injection	□ Plug	Back	□ Water D	Disposal				
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 shall 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 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.) RECOMPLETION TO SEVEN RIVERS Pull out of hole with pump, rods, and tubing. Run in hole with bit and casing scraper to PBTD at 1,644'. Run casing inspection/calliper/CBL log from PBTD to surface. Verify casing integrity and TOC Set Wireline CIBP in 4-1/2" casing at 1,1500 above existing Queen perforations at 1,180-1,200 and 1,330' and Grayburg perfs at 1,528-39'. Dump 10' of cement on top of CIBP using wireline. SEE ATTACHED FOR CONDITIONS OF APPROVAL Accepted for record									
14. Thereby certify that the foregoing is true and correct. Electronic Submission #128849 verified by the BLM Well Information System For ALAMO PERMIAN RESOURCES LLC, sent to the Carlsbad Committed to AFMSS for processing by JAMES (JIM) HUGHES on 01/24/2012 (12JLH0350SE) Name (Printed/Typed) CARIE STOKER Title REGULATORY AFFAIRS COORDINATOR									

Signature (Electronic Submission) Date 01/20/2012 THIS SPACE FOR FEDERAL OR STATE OFFICE USED VED									
	THIS SPACE FO	OR FEDERA	L OR STATE		*OVED				
Approved By			Title	1 V VI	2 1 2010	Date			
Conditions of approval, if any, are attache certify that the applicant holds legal or equivalent would entitle the applicant to conditions.	uitable title to those rights in th uct operations thereon.	Office	m	3 1 2012					
itle 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. PETROLEUM ENGINEER									

Additional data for EC transaction #128849 that would not fit on the form

32. Additional remarks, continued

Perforate Seven Rivers formation at approximately 440-480' (overall). Note perforations through two casing strings, 4-1/2" 10.5# J-55 & 5-1/2" 14# J-55.

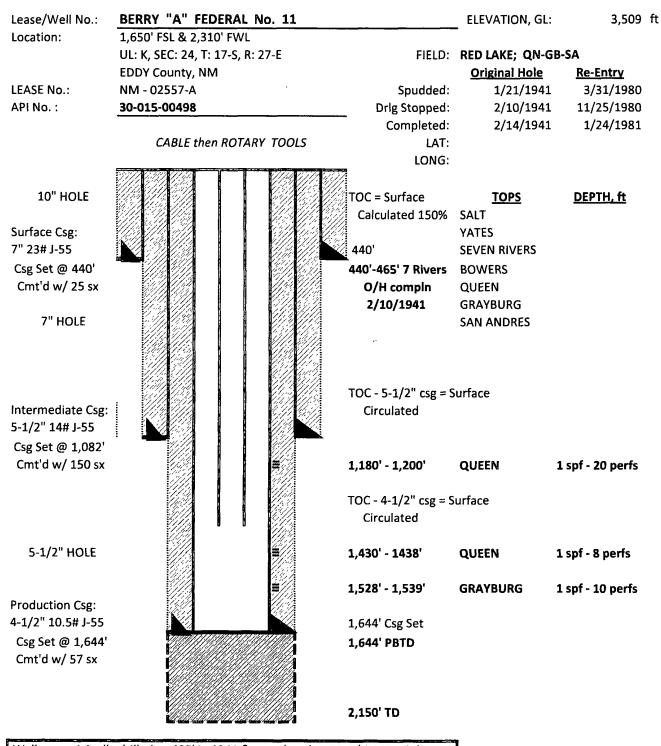
Acidize formation with 1,000 gal 15% NEFE HCI at low rates.

Run in hole with tubing, rods, & pump.

Restore well to production and test.

(See attached WB Diagram)

ALAMO PERMIAN RESOURCES, LLC WELLBORE DIAGRAM



Well was originally drilled to 485' in 1941 & completed as 7R O/H 440-465'.

Well was Re-Entered & Deepened to 2,150' in 1980-81. 5-1/2" & 4-1/2" casing strings were run & cemented in 1981. Completed in Queen & Grayburg.

HPS: 11/15/2011

BERRY "A" FEDERAL No. 11

WELL PERFORATION, ACID JOB, FRAC JOB, & WELL TEST DETAILS

PERF	·s	ACID JOB(S)			FRAC JOB(S)						INITIAL POTENTIAL TEST			
воттом	ZONE	DATE	ACID GALS	ACID TYPE	DATE	FRAC FLUID GALS	FLUID TYPE	SAND LBS	SAND <u>SIZE</u>	REMARKS	TEST DATE	OIL BOPD	GAS <u>MCFD</u>	WATER BWPD
465	Seven Rivers O/H		2/10/1941 Shot Well w/ 50 Quarts Nitro Glycerin								2/10/1941	0	0	0
1,200	Queen	1/3/1981	Spotted	Acetic Acid	1/3/1981	35,000	Gelled Wtr	72,000	20/40		2/10/1981	0	5	0
1,438	Queen			for Breakdown				10,000	100 mesh			Tested All 2	ones Togeti	her
1.539	Gravburg												_	

COMPLETION & TEST DETAILS WIS-21692

Berry A 11 30-015-00498 Alamo Permian Resources LLC January 31, 2012 Conditions of Approval

Contact BLM at 575-361-2822 a minimum of 24 hours prior to commencing work. Setting of CIBPs and tagging plug.

Work to be completed within 90 days of this approval.

- 1. Surface disturbance beyond the originally approved pad must have prior approval.
- 2. Closed loop system required.
- 3. Operator to have H2S monitoring equipment on location.
- 4. A minimum of a 2000 (2M) 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 precharge. The pre-charge test shall follow requirements in Onshore Order #2.
- 5. All waste (i.e. drilling fluids, 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.
- 6. Operator shall submit copy of casing inspection/caliper/CBL to BLM.
- 7. CIBP in 4-1/2" casing shall be set at 1,132' with 25 sacks of Class C cement placed on top of CIBP. This will cover Queen/Grayburg perforations and the 5-1/2" casing shoe. Plug to be tagged at 1,030' or shallower and witnessed by BLM. BLM requires a minimum of 25 sacks when pumped, which should achieve a height of approximately 760' from surface.
- 8. Operator to perform a 72 hour well test with independent tester that is bonded and can provide a certified copy of test results.
- 9. Submit subsequent sundry with detail of work completed and current well bore diagram. Also submit new completion report for Seven Rivers.

WWI 013112

