

Submit 1 Copy To Appropriate District Office

District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-103  
Revised August 1, 2011

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-23760
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Injection Well <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator <b>Alamo Permian Resources, LLC</b>		6. State Oil & Gas Lease No. B-8318
3. Address of Operator <b>415 W. Wall Street, Suite 500, Midland, TX 79701</b>		7. Lease Name or Unit Agreement Name SPURCK
4. Well Location Unit Letter 1 : 1670 feet from the S line and 990 feet from the E line Section 24 Township 17S Range 27E NMPM County EDDY		8. Well Number 6Y
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 274841
		10. Pool name or Wildcat EMPIRE; YATES-SR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Approved for plugging of well bore only.  
Liability under bond is retained pending receipt  
of C-103 (Subsequent Report of Well Plugging)  
which may be found at OCD Web Page under  
Forms, [www.emnrd.state.nm.us/oed](http://www.emnrd.state.nm.us/oed).

SEE ATTACHED

CONDITIONS OF APPROVAL ATTACHED

Approval Granted providing work is  
Completed by 9-2-15

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Carie Stoker TITLE Regulatory Affairs Coordinator DATE 08/21/2014

Type or print name CARIE STOKER E-mail address: carie@stokeroilfield.com PHONE: 432.664.7659

APPROVED BY: RDade TITLE Dst R Spawson DATE 9-2-14

Conditions of Approval (if any):

★ See Attached COA's

ALAMO PERMIAN RESOURCES, LLC

**SPURCK #006Y -- PLUG & ABANDONMENT PROCEDURE**

08/20/2014

1. NOTIFY NRC 24 hours prior to rigging up pulling unit on well to P&A.
2. MIRU pulling unit, install BOP, & pull out of hole with tubing and downhole equipment in well. Provide detailed description of what is pulled out of hole on Morning Report for records.
3. Run in hole with 2-7/8" tubing string and muleshoe bottom joint to check for fill in well. TD is approximately 505'.
4. Circulate hole with produced water using vacuum truck in preparation to set Cement Plug in well.
5. Circulate & set 150-sack Cement Plug from TD at approximately 505' to the surface inside 8-5/8" production casing and open hole from 448'-505'. Pull tubing string up slowly while setting plug and fill casing to surface with cement once tubing is out of the hole.
6. WOC & Tag TOC. If TOC is not at surface in casing – Top off Cement in casing as necessary. WOC.
7. Remove BOP. Get approval from NRC before Rigging Down pulling unit.
8. Notify NRC 4 hours prior to cutting off wellhead. (Wellhead should be cut off within 10 days of plugging job.
9. Cut off wellhead. Weld Cap on casing. Install P&A Marker at surface.
10. Reclaim wellsite location.

Solid Cement Plug From 505' to Surface

H. Patrick Seale  
August 20, 2014

ALAMO PERMIAN RESOURCES, LLC

**WELLBORE DIAGRAM**

Lease/Well No.: **SPURCK No. 006Y**

ELEVATION, GL: 3,513 ft

Location: 1,670' FSL & 990' FEL

UL: I, SEC: 24, T: 17-S, R: 27-E

FIELD: **EMPIRE; YATES, SEVEN RIVERS**

EDDY County, NM

LEASE No.: NM - B-8318

Spudded: 5/1/1981

API No.: **30-015-23760**

Drig Stopped: 7/16/1981

Completed: 5/20/1982

**CABLE TOOLS**

**TOPS DEPTH, ft**

SALT  
YATES 456  
SEVEN RIVERS

TOC @ Surface

*Topped of w/ 3 cu-yds cmt @ surface*

12" HOLE

**PRIOR TO P&A**

Production Csg:

8-5/8" 26# J-55

Csg Set @ 448'

Cmt'd w/ 250 sx

448' Csg

448'-505': YATES - (O/H)

Zone(s): 456-480'

Estimate 6" HOLE

505' PBTD

505' TD

Well Drilled by Latch Operations in 1981 as the SPURCK #6Y.

NATURAL COMPLETION: 1 BOPD + 0 MCFD + 1/2 BWPD.

NO RECORD OF WELL EVER BEING STIMULATED.

DRILLED AS REPLACEMENT FOR SPURCK #6 WELL J&A'd @ 100'.

HPS: 08/20/2014

ALAMO PERMIAN RESOURCES, LLC

**WELLBORE DIAGRAM**

Lease/Well No.: **SPURCK No. 006Y**

ELEVATION, GL: 3,513 ft

Location: 1,670' FSL & 990' FEL  
UL: I, SEC: 24, T: 17-S, R: 27-E  
EDDY County, NM

FIELD: **EMPIRE; YATES, SEVEN RIVERS**

LEASE No.: NM - B-8318

Spudded: 5/1/1981

API No.: **30-015-23760**

Drig Stopped: 7/16/1981

Completed: 5/20/1982

**CABLE TOOLS**

**TOPS DEPTH, ft**

SALT  
YATES 456  
SEVEN RIVERS

TOC @ Surface

*Topped of w/ 3 cu-yds cmt @ surface*

12" HOLE

P&A: Set 150 Sx Cement Plug inside Openhole &  
Casing from Surface to 505' (TD - openhole).

**AFTER P&A**

Production Csg:  
8-5/8" 26# J-55  
Csg Set @ 448'  
Cmt'd w/ 250 sx

448' Csg  
448'-505': YATES - (O/H)  
Zone(s): 456-480'

Estimate 6-1/2" HOLE

505' PBTD  
505' TD

Well Drilled by Hatch Operations in 1981 as the SPURCK #6Y.  
NATURAL COMPLETION: 1 BOPD + 0 MCFD + 1/2 BWPD.  
NO RECORD OF WELL EVER BEING STIMULATED.  
DRILLED AS REPLACEMENT FOR SPURCK #6 WELL J&A'd @ 100'.

HPS: 08/20/2014

NEW MEXICO OIL CONSERVATION DIVISION  
DISTRICT 2 OFFICE  
811 S. FIRST STREET  
ARTESIA, NM 88210  
(575)748-1283

**CONDITIONS OF APPROVAL FOR PLUGGING & ABANDONMENT**

Operator: Alamo  
Well Name & Number: Spurck 6 Y  
API #: 30-015-23760

1. Produced water **will not** be used during any part of the plugging & abandonment operation.
2. Notify NMOCD Dist. 2 office at least 24 hrs before beginning work.
3. Closed Loop System is to be used for entire plugging operation. Upon completion, contents of steel pit are to be hauled to a permitted disposal location.
4. Trucking companies being used to haul oilfield waste fluids to a disposal – commercial or private – shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator, as well as the contractor, to verify that this permit is place prior to performing work. Drivers shall produce a copy upon request of NMOCD Field Inspectors.
5. A subsequent C-103 will serve as notification that the well bore has been plugged **ONLY**. A C-103 **FINAL** shall be filed before any bonding can be released on the well. Upon receipt of the Final, an inspection will be performed to verify that the location has been satisfactorily cleaned to NMOCD standards.
6. If work has not begun within 1 year of the approval of this procedure, an extension request must be filed, stating reason that well has not been plugged.
7. Every attempt must be made to clean the well bore out to below the perfs, before any plugs can be set, by whatever means possible.
8. Cement Retainers may not be used.

9. Squeeze pressures are not to exceed 500 PSI, unless approval is given by NMOCD.
10. Plugs may be combined after consulting with and getting approval from NMOCD.
11. Minimum WOC time for tag plugs will be 4 Hrs.

DATE: 9-2-14

APPROVED BY: 

## GUIDELINES FOR PLUGGING AND ABANDONMENT

### DISTRICT II / ARTESIA

- All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater.
- Mud laden fluids must be placed between all cement plugs.
- Mud laden fluids must be mixed at 25 sacks of gel per 100 bbls of water.
- A cement plug is required to be set 50' below and 50' above all casing shoes and casing stub plugs. These plugs must be tagged.
- A CIBP with 35' of cement on top may be set in lieu of 100' cement plug.
- A plug as indicated above must be placed within 100' of top perforation. This plug must be tagged.
- Plugs set below and above salt zones must be tagged.
- No more than 2000' is to be allowed between cement plugs in open hole and no more than 3000' in cased hole.
- DV tools are required to have a 100' cement plug set 50' above and below the tool and must be tagged.
- Formations to be isolated with plugs placed at the top of each formation are:
  - Fusselman
  - Devonian
  - Morrow
  - Wolfcamp
  - Bone Spring
  - Delaware
  - Any Salt Section (Plug at top and bottom)
  - Abo
  - Glorieta
  - Yates (this plug is usually at base of salt section)
- If cement does not exist behind casing strings at recommended formation depths, the casing must be cut and pulled with plugs set at these depths or casing must be perforated and cement squeezed behind casing at the formation depths.
- In the R-111-P area (Potash Mine area) a solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts common to the section penetrated and in suitable proportions, but not more than a 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible (50' below and 50' above).