

Submit 3 Copies To Appropriate District
Office,
District I
1625 N French Dr, Hobbs, NM 88240
District II
1301 W Grand Ave, Artesia, NM 88210
District III
1000 Rio Brazos Rd, Aztec, NM 87410
District IV
1220 S St Francis Dr, Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

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

SUNDRY NOTICES AND REPORTS ON WELLS (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. 30-045-08544
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator BP AMERICA PRODUCTION COMPANY		6. State Oil & Gas Lease No.
3. Address of Operator P.O. BOX 3092 HOUSTON, TX 77079-2064		7. Lease Name or Unit Agreement Name Likins Gas Com C
4. Well Location Unit Letter C : 1140 feet from the North line and 1660 feet from the West line Section 9 Township 29N Range 09W NMPM SAN JUAN County		8. Well Number 1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5707' GR		9. OGRID Number 000778
Pit or Below-grade Tank Application <input checked="" type="checkbox"/> or Closure <input type="checkbox"/>		10. Pool name or Wildcat Blanco Pictured Cliffs
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____		

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 ☐

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Compliance Well

BP America has reviewed the above mentioned well and finds no further reserves potential remaining.

BP respectfully requests permission to plug and abandon said well.

RCVD DEC 12 '07
OIL CONS. DIV.
DIST. 3

Please find attached the P&A procedure.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Cherry Hlava TITLE Regulatory Analyst DATE 12/11/2007

Type or print name Cherry Hlava E-mail address: hlavacl@bp.com Telephone No. 281-366-4081

For State Use Only

APPROVED BY: A. Villanueva TITLE Deputy Oil & Gas Inspector,
District #3 DATE DEC 13 2007
Conditions of Approval (if any):

San Juan Basin Plugging Procedure

Well Name: Likins GC C 1-PC
API #: 30-045-085440
Date: December 30, 2007
Location: T29N-R9W-Sec 09 Unit C
County: San Juan
State: New Mexico
Horizon: PC

Engr: Tolu Ogundare
Ph (281) 366-2215
Fax (281) 366-7099

Objective: P&A for wellbore.

1. TOH with completion. W/ Day light rig
2. Ensure wellbore is clean of obstructions.
3. RD day light rig, RU coil tubing rig
4. Set CIBP, Load and Role Hole, Run CBL
5. Pump PC and FT plugs
6. Perforate and squeeze behind 4-1/2" based on TOC from CBL
7. Finishing tubular cement plugs and remove wellhead.

Plan to use day light rig to pull 1-1/4" tubing out of the hole and then move off location. Then rig up coil tubing unit to finish the P&A. Well died after Fruitland- Energen " Santa Rosa 29-9-9-3 was drilled out in mid 2004- it is desired to P&A this wellbore.

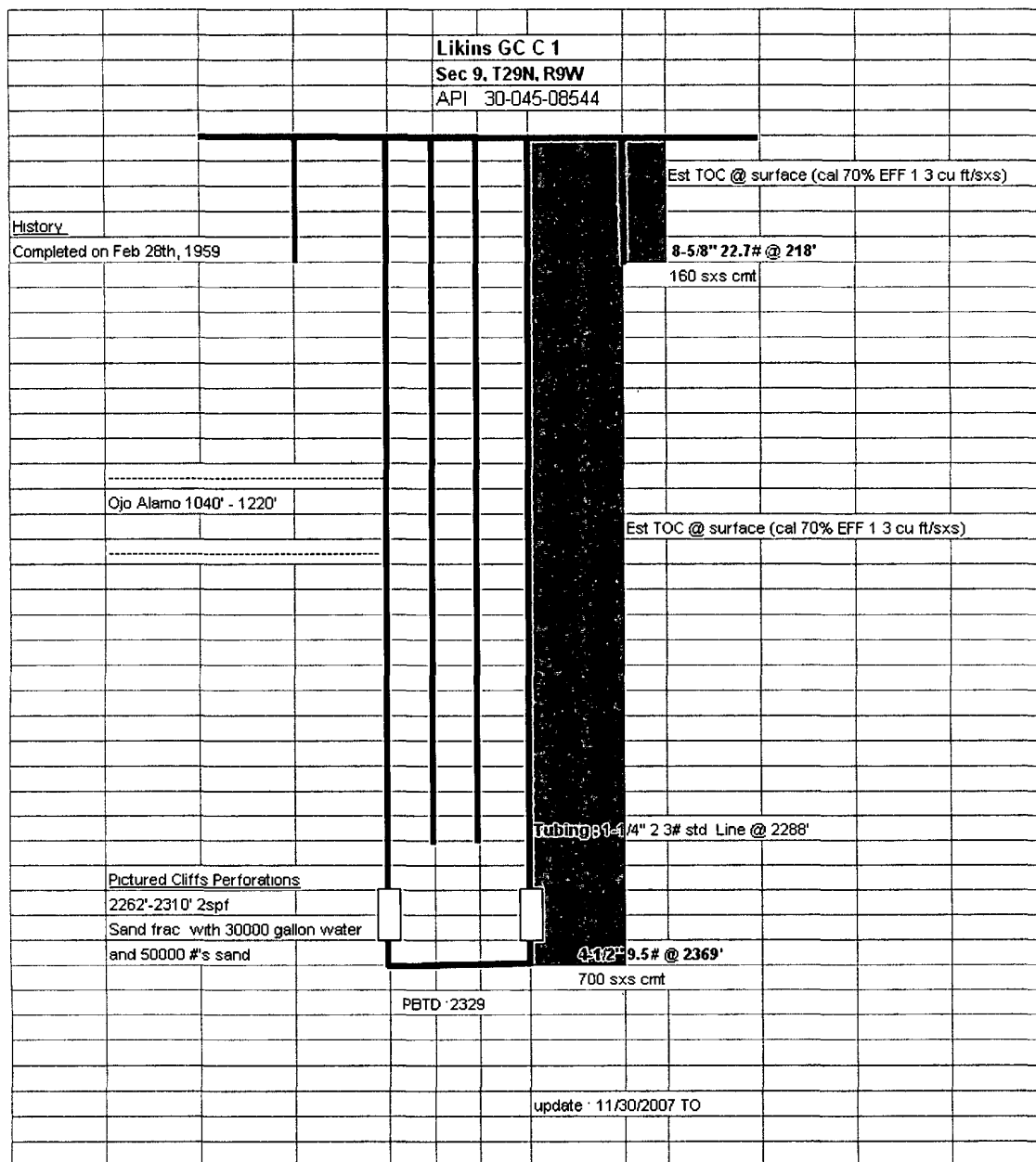
Procedure:

1. **Notify BLM and NMOCD 24 hours prior to beginning operations.**
2. Perform pre-rig site inspection. Check for: size of location, Gas Taps, other wells, other operators, running equipment, wetlands, wash (dikes req.), H2S, barriers needed for equipment, Landowner issues, location of pits (buried lines in pits), Raptor nesting, critical location, check anchors. Check ID wellhead; if earth pit is required have One Call made 48 hours prior to digging.
3. Perform second site visit after lines are marked to ensure all lines clear marked pit locations. Planning and scheduling to ready location for rig.
4. RU slickline unit or wireline unit. Pressure test lubricator and equipment. RIH and set **two barriers** (CIBP, tbg collar stop w/plug, or plug set in nipple) for isolation in tubing string. **NOTE: Tubing sting in hole is 1-1/4" 2.3# thd tubing – not likely to be able to set dual tubing barriers – Blow down well and Kill w/ 2% KCl. Pump tubing capacity plus 5 barrels of 2% KCL water to displace any potential condensate in tubing string back into formation.**

5. Check and record tubing, casing, and bradenhead pressures. Ensure production casing has double casing valves installed. Double valve all casing strings.
6. MIRU workover rig. LOTO all necessary equipment including but not limited to: meter run, automation, separator, and water line.
7. Check all casing strings to ensure no pressure exist on any annulus. **The operations of removal of wellhead and installation of BOP's will be performed under a dispensation for one (1) barrier on the backside.**
8. Nipple down Wellhead. NU BOPs and diversion spool with 3" outlets and 3" pipe to the blow tank. Pressure test BOPs to 750psig – expected bottom hole pressure ~375psig. This is a P&A so the well should be kept dead through-out the procedure.
9. Install stripping rubber, pull tubing hanger and shut pipe rams. Strip 1-1/4" 2.3# tubing hanger out of hole.
10. TOOH and LD 1-1/4" production tubing currently set at 2288'.
11. RU WL and set 4-1/2" CIBP @ 2212'. Roll hole w/ fluid and pressure test casing and CIBP. Pressure test to 500psig. **Note-Drilling report shows that 700 sacks of cement was placed behind 4-1/2 casing which takes the TOC to the surface.** Run CBL to confirm cement top behind 4-1/2" casing is at the surface. Estimated cement top is at the surface. Report CBL results to regulatory agencies and engineer.
12. If cement is at the surface behind casing and no squeeze job behind casing, ND BOP's. NU Wellhead. RD day light rig.
13. MI Coil tubing rig. Prior to rig up a full history should be obtained for the coil tubing unit. This should include the remaining coil tubing fatigue life, the position of all welds, and the fluid exposure history, all items should be documented for the reel.
14. RU CTU. If threaded tree flanges perform proper risk assessment for threaded connections. Use dual choke manifold or production choke for flow back. Fully function and pressure test BOP's to 250-psi low-pressure test, 700-psi high-pressure test – expected maximum BHP to be ~380psig. If Shear Rams are not used in BOP stack, refer to local standard operating practice. Lubricator should be of adequate length to cover BHA. Dual flapper check valves should be run above BHA. If dual flapper check valves are not used a detailed and current assessment of risks, mitigations and contingency responses should be refer to, or a local standard operating practice.
15. Hold pre-job safety meeting and discuss all JSA's with all BP and third party personnel. The Pre-job safety meeting should cover: heavy lifts, pinch points, location hazards, pressure hazards, and proper PPE.
16. RIH with coil tubing and spot PC and FT cement plug. Spot a 392' (35.77cu. ft.) of G-Class cement on top of CIBP set at 2212'. This will spot cement 150' above on top of the PC and FT intervals from 1970'-2310'.

17. POOH to 1270'. Spot a 380' (34.67 cu. ft.) of G –Class cement from 1270'-890' inside the 4-1/2" casing to cover the Ojo Alamo interval inside the 4-1/2" casing. The TOC will be 150' above the interval
18. POOH to 268' (~ 50' below the casing shoe). Spot a 268' (24.45 cu.ft.) of G –Class cement to surface. This should put the cement across casing shoe all the way to the surface.
19. Perform underground disturbance and hot work permits. Cut off tree.
20. If cement cannot be seen on all annulus and casing strings remedial cementing will be required from surface.
- 21.** WOC for 12 hours
22. Install well marker and identification plate per NMOCD requirements.
23. RD and release all equipment. Remove all LOTO equipment.
24. Ensure all reports are loaded into DIMS. Print out summary of work and place in Wellfile. Notify Sherri Bradshaw of completed P&A.

Current Wellbore



Proposed P&A plug set program

