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

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

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2009 FEB 2 PM 4 07

FEB 10 2009

Form C-103
June 19, 2008

WELL API NO. 35-015-25699	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No. K-3271	
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)	7. Lease Name or Unit Agreement Name James 'A'
1. Type of Well: Oil Well ☒ Gas Well ☐ Other	8. Well Number 2
2. Name of Operator ConocoPhillips Company	9. OGRID Number 217817
3. Address of Operator P.O. Box 51810, Midland, Texas 79710-1810	10. Pool name or Wildcat Cabin Lake (Deleware)
4. Well Location Unit Letter J : 1652 feet from the South line and 1980 feet from the East line Section 2 Township 22S Range 30E NMPM County Eddy	
11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3177' GL	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☒	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
OTHER: ☐		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.

ConocoPhillips respectfully submits the attached plan for approval to repair parted/collapsed casing on the above well.

Upon pulling tubing on 11/21/2008 it was determined that the casing had parted or collapsed at 2961'. A USIT log was run 12/08/2008 and TOC was determined to be 2306'. COP would like to swedge the casing and run a 4.5" 13.5# P110 liner to 5590' and cement into place. Please see the attached procedure for additional details

Spud Date: Rig Release Date:

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

SIGNATURE Justin C. Firkins TITLE Regulatory Specialist DATE 01/30/2009

Type or print name Justin C. Firkins E-mail address: justin.c.firkins@conocophillips.com PHONE: 432-688-6913

For State Use Only

APPROVED BY: TITLE DATE

Conditions of Approval (if any):

Accepted for record
NMOCD

James# A 02

AFE /MO# –

WellView Well Name – **James#A02**

Casing Repair Procedure

December 30, 2008

Objective: Repair Casing Leak using 4-1/2" Flushed Joint Liner

COPC WI: 100% COPC NRI: 100%
Well Status: Shut-in Well Type: Development County: Eddy
Area: Field: Cabin Lake Team: Permian Oil
Venting: Not Required Flaring: Not Required H_2S: 2 PPM
Well Control: Well Category 1 BOPE Class 2

Category 1 wells require 1 untested barrier. The historically accepted means of establishing an untested barrier is a dynamic fluid column. Usually, James A wells are killed by pumping approximately 20 bbls of water in the annulus. Then during ND/NU operations, a pump truck remains hooked up & available for pumping additional water until BOP is NU & tested as needed (usually about 45 minutes). This empirical model could be used in procedure provided below.

IMPORTANCE OF SAFETY

Safe operations are of utmost importance at all ConocoPhillips properties and facilities. To further this goal, the ConocoPhillips Supervisor at the location shall request tailgate safety meetings prior to initiation of work and also prior to any critical operations. All company, contract, and service personnel then present shall attend these tailgate safety meetings at the location. All parties shall review the proposed upcoming steps, procedures, and potentially hazardous situations. Occurrence of these meetings shall be recorded in the WellView daily report.

History / Justification

Tubing String was pulled on 11/21/08 due to rod failure. During tubing string POOH operation, collapsed/parted casing section was discovered at 2961 ft. Couldn't establish circulation from annuls end to ascertain if casing is free up-to collapsed joint. Schlumberger USIT casing & cement evaluation log was run on 08-Dec & cement top was found at 2306ft. Considering, inability to established circulation & cement top above parted/collapsed joint, all available options for repair were considered. RIH with 4.5" flushed casing will be viable & long term solution.

RIH with 4-1/2" flushed joint liner to repair collapsed/leaking casing joint. Cement annular space between 4-1/2 & 5-1/2" casing section. Ensure cement returns up-to surface. Change tubing size to 2.375". Add Cavins Desander. RIH with pump & rods. Replace bad polished rod with new 1-1/2" X 26' SM polished rod.

Currently, well is suspended after fishing operation in Dec-08. Average daily production prior to this job was approximately 25 bbls of oil, 10 Mscf gas & 300 bbls of water.

AFE Number: _____

API Number: 30-015-25699

Field: Cabin Lake

Location: 1652' FSL & 1980' FWL, Sec. 2, T-22-S, R-30-E, Eddy County, NM

Depths: TD = 5999' PBTD = 5954 '

Elevation: GR = 3177' KB = 3188'

Casing Data:

Existing & Proposed Casing, Tubing and Packer Information

	OD (in)	Depth (ft)	ID/Drift (inches)	Weight (#/ft)	Grade	Burst (psi)	Burst w/ 1.15 D.F.	Collapse (psi)	Collapse w/ 1.05 D.F.	Volume (Bbls/Ft)
Sur. Csg.	13-3/8	400'		54.5#	K-55					
Sur. Csg.	8-3/8	3450'	8.097/7.9	24#	K-55	2950	**2565**	1370	**1304**	.0637
Prod Csg	5½"	6000'	4.950/4.8	15.5#	K-55	4800	**4174**	4040	**3847**	.0238
Prod. Tbg	2-3/8"									

Top of Cement: 2306ft as per Schlumberger USIT Log dated 08-Dec-08 Casing Fluid: 10 PPG

Existing Cased Hole Perforations

Formation	Perforations (MD)
Delaware	5625'-5627'
	5635'-5658'
	5862'-5878'
	5920'-5949'

GENERAL NOTES

1. No project or task is to be performed unless it can be done safely and without harm to the environment. All work must comply with all State and Federal regulations and with COPC Safety and Environmental Policies.

2. Conduct daily safety meetings and review all procedures with all contractors prior to performing the operation.

3. Report all activity on the WellView Daily Completion Work-Over Report.

4. Insure contractors are familiar with and comply with all relevant COPC safety/environmental policies.

5. Spills are to be prevented. Utilize a vacuum truck as necessary.

6. **All references to 2% KCl water are powdered 2% KCl.**

7. Throughout the entire completion process, any fluids from the well-bore that are displaced or produced must be sent through the flow-back equipment so that the fluids can be properly disposed.

8. Well control for this well will be BOP Class 2 (Hydraulic), Category 1. It is a rod pumped oil well.

Mid-Continent / Permian / Hobbs East Contact List:

Reservoir Engineer: Jimika Terry-Reed
Geologist: Gabriel A Borges Sposito
Production Engineer: Ashok Mishra
Operations Supervisor: John Coy
Production Foreman: Sean Robinson

Recommended Procedure

1. Prior to ND/NU operations, 1 pump truck & 1 transport truck containing 150 bbls of 2% KCl water are required on location.
2. Before loosening the first bolt, CoP well-site supervisor shall be on location as per well control manual.
3. Ensure that all necessary equipment is on location & ready to utilize prior to beginning ND/NU operations including proper number & type of bolts, wrenches, hangers etc.
4. Function test BOP prior to NU.
5. Strip Class-2 Hydraulic BOP dressed w/ 2-3/8" pipe rams over tubing sub.

6. MIRU workover unit. ND wellhead and NU BOP's and test.

7. Well has parted/collapsed 5-1/2' casing joint at 2961ft. RIH with 4-1/2" swage assembly on 2-3/8" workstring. RIH up to 3200'. POOH. Increase swage size in increment of 0.05" to 4.75" based on hole condition & RIH up to 3200'. Finally, RIH with 4-1/2" bit assembly up-to 5954' (PBTD). Circulate & POOH. Note: Smooth passage of 4.6" swage is the minimum requirement prior to next step.

8. Set drillable plug at 5600'. Pressure test plug up-to 500 psi on surface.

9. Install floating equipment, run 4-1/2" joint 5590'+/-. Pump cement as per vendor's procedure. WOC. Ensure cement return up-to surface.

10. Drill cement & plug. Circulate.

11. RIH with bit & scraper. Circulate & clean-out any fill up-to PBTD@

12. RIH 2.375" production tubing in hole. Change TAC to 2.375". Change SN to 2". Add Cavins Desander below SN. Add 3 joints of 2.375 FG tubing w/ bull plug on bottom below Cavins

13. Place the EOT 31'± below the bottom perforation (5878') with the tubing anchor set 60'± above the top perforation (5625'). Maintain a dynamic fluid column (DFC) while running tubing. (Trickle some 2% KCl water down the tubing head valve.)

14. ND BOP's and NU wellhead.

15. Set pumping unit. RIH with pump and rods. -- RIH w/ 20-150-RHBC-26-6 HVR pump with NO DIPTUBE. Change rod design to 76 Norris 97 Design. Reuse all good 7/8 & add 3/4 (from TRC) as needed. Send in all surplus rods to TRC for inspection. Reuse all good sinker bars and adding 3 more for a total of 16 with 3/4" X 2' guided subs between. Space and hang well on. Load tubing and check pump action.

16. RDMO well service rig and return well to production.

17. Report results on morning report.