-Submit 3 Copies to Appropriate District Office

DISTRICT I
P.O. Box 1980, Hobbs, NM S8240

P.O. Drawer DD, Artesia, NM 88210

DISTRICT TII
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C 103
Revised 1-1-89

WELL API NO.
30-045-25146

5. Indicate Type of Lease STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

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
State B Gas Com

1. Type of Well:
Oil Well ☐ Gas Well ☒ OTHER

RECEIVED
JAN 19 1999
OIL CON. DIV.
DIST. 3

2. Name of Operator
Conoco Inc.

8. Well No.
#1E

3. Address of Operator
10 Desta Dr. Ste 100W, Midland, Tx,, 79705-4500

9. Pool name or Wildcat
Basin Dakota

4. Well Location
Unit Letter e : 1800 Feet From The North Line and 1180 Feet From The West Line

Section 16 Township 29N Range 10W NMPM San Juan County

10. Elevauon (Show *whether DF, RKB, RT, GR, etc.)*
5748'

11 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.	☐	PLUG AND ABANDONMENT	☐
PULL OR ALTER CASING	☐			CASING TEST AND CEMENT JOB	☐		
OTHER:	☐			OTHER			☐

12. 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.

It is proposed repair the casing in this well with a slim hole completion. The attached procedure will be used.

NOTIFY AZTEC OCD
IN TIME TO WITNESS _____
24 hours

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

SIGNATURE Kay Maddox TITLE Regulatory Agent DATE January 15, 1999

TYPE OR PRINT NAME Kay Maddox TELEPHONE NO 686-5798

(this space *for* State Use)

APPROVED BY _____ TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE JAN 20 1999

CONITIONS OF APPROVAL, IF ANY:

State B Gas Com 1E

Repair Casing with Slim Hole Completion
& Production Recovery
January 14, 1999

Procedure

1) Hold safety meeting, determine prevailing wind direction on location, specify muster point, review procedure, identify potential hazards, blow down lines and isolate surface facilities and lock out tag out, spot equipment, rig up.
2) Kill tubing with minimum amount of KCl and pull tubing and packer, 158 joints of 2-3/8" above Halliburton R-4 packer and 51 joints of 2-3/8" below with 1.78" ID SN on bottom.
3) RIH with tubing and clean out to TD and trip out of the hole laying down 2-3/8" tubing string.
4) TIH with 1,938' of 2-7/8" EUE tubing with collar on bottom, make up Arrow Completions System #440 full bore packer with aluminum blank off disc installed and ported sub above it, run 4605' of 2-7/8" EUE tubing to land tubing with EOT @ 6548', 10' above top perf and packer 200' below cement top at 4610'.
5) Pump one tubing volume of dyed water (26.68 bbls.) ahead of cement, (**annular volume from packer to surface is 35.68 bbls.**)
6) Pump 42.8 bbls. cement, drop plug after 7.1 bbls of dyed water have circulated to surface, bump plug, shut-in with pressure on it, wait for cement to set.
7) Pick up 2-3/8" bit, and RIH with 1-1/2" drill string, drill out displacement plug, cement, and aluminum blanking disc, (be sure area is open and will drift for plunger lift), RIH to TD and unload hole.
8) POOH drill pipe, rig up wireline and drift tubing for plunger lift and install plunger stop in collar near bottom, rig down wireline.
9) Rig up BJ and pump CO2/methanol flush, flow back to lay down tank or pit immediately to take advantage of miscible flush.
10) Install plunger lift equipment and put on plunger lifted production immediately to prevent tubing scale build up.

DRW
San Juan West Area Team

Cc: Central Records, Three Copies to Farmington Project Leads.

State B Gas Com 1E
Repair Casing with Slim Hole Completion & Production Recovery
January 14, 1999

AFE#_____

API# 300452514600

Location: TWNS – 29N, RNG - 10W, Section 16E, San Juan County, New Mexico

Funds in the amount of $58,368 are requested to repair the casing in the State B Gas Com 1E well by running a 2-7/8" slim hole completion and to flush and clean the near well bore producing formation by injecting liquid CO2 with methanol and surfactant. The subject well previously averaged 368 Mcfgd prior to a casing leak which initially dropped production to 208 Mcfgd. We moved a rig in and cleaned out the well and ran a packer to isolate from the leak to restore production. The packer has since failed with the operator finding bits of rubber in the separator and blackish water. Production has declined due to water leaking into the casing down to 40 Mcfgd. It is our opinion that the only repair for this well is a slim hole completion due to an area of 4410' to 3386' having no cement and which lies across a corrosive interval.

Work Plan

- Pull the production tubing and packer,
- Run in hole with tubing and clean out to TD and trip out of hole laying down.
- Tally in hole with collar on bottom and 1938' of 2-7/8" EUE tubing with Arrow Completions System #440 full bore packer with aluminum blank off disc installed and ported sub above it and 4605' of 2-7/8" EUE tubing. EOT @ 6548', 10' above top perf.
- Set packer 200' below cement top at 4610'.
- Establish circulation to surface, pump tubing volume of dyed water marker (26.68 bbls.) ahead of cement, pump cement with 20% excess (42.8 bbls.), drop plug after 7bbls. of dyed water have circulated, bump plug, hold pressure and shut-in, wait on cement to set.
- RIH with small drill string and drill out plug and aluminum disc, clean out and unload to TD, drift tubing to ensure it is clear of cement before rigging down.
- Rig up BJ and pump CO2/methanol flush and flow back to lay down tank immediately.
- Put on plunger lifted production and optimize.

Well Data

Surface Casing – 8-5/8", 24#, K-55, ST&C, 12 joints set @ 425' with float shoe @ 379', 300 sx class B cement circulated to surface.

Production Casing – 4-1/2", 10.5#, K-55, 8 rd, 155 joints set @ 6786', w/DV tool @ 3361', 1st stage cement w/839 sx w/TOC @ 4410' by CBL, and 2nd stage w/457 sx cement w/TOC @ 1450' by CBL.

Note: No cement between 4410' TOC and top cement basket @ 3386'. Greg Vick found fill coming in from this area, possible split.

Production Tubing – 2-3/8", 4.7#, J-55, EUE 8rd, 158 joints to Halliburton R-4 packer, with 51 joints below packer and 1.78" ID SN on bottom.