

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

Sundry Notices and Reports on Wells

1. Type of Well
GAS
2. Name of Operator
El Paso Natural Gas Company
3. Address & Phone No. of Operator
Box 4289, Farmington, NM 87499 (505) 326-9700
4. Location of Well, Footage, Sec, T, R, M.
810'S, 1460'E Sec. 27, T-25-N, R-7-W, NMPM
5. Lease Number
SF-070087, 074878
6. If Indian, All or
Tribe Name
7. Unit Agreement Name
Canyon Largo Unit
8. Well Name & Number
Canyon Largo Unit #157
9. API Well No.
10. Field and Pool
Ballard Pictured Cliffs
11. County and State
Rio Arriba County, NM
12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA
- | Type of Submission | Type of Action |
|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Final Abandonment | <input type="checkbox"/> Plugging Back |
| | <input checked="" type="checkbox"/> Casing Repair |
| | <input type="checkbox"/> Altering Casing |
| | <input type="checkbox"/> Other |
| | <input type="checkbox"/> Change of Plans |
| | <input type="checkbox"/> New Construction |
| | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Water Shut Off |
| | <input type="checkbox"/> Conversion to Injection |

13. Describe Proposed or Completed Operations

The subject well has a casing leak isolated at the present time by means of a tbg and pkr. The well was being production tested for the last year in this manner. The test has proven economic and the attached procedure details plans to repair the casing leak.

RECEIVED
APR 08 1991
OIL CON. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct.
Signed James B. Balford (LS) Title Regulatory Affairs Date 3-31-91

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____
CONDITION OF APPROVAL, IF ANY:

APPROVED DATE <u>3-31-91</u>
APR 03 1991 DATE <u>3-31-91</u> <u>John Schell</u> AREA MANAGER FARMINGTON RESOURCE AREA

Casing Repair Procedure
Canyon Largo Unit #157

1. MIRU Workover unit. Hold safety meeting on location. Blow well down, ND wellhead, and NU BOP. Unseat packer by picking up on the tubing. TOOH with tubing and packer. If needed, kill well with 2% KCL water.
2. Set a wireline RBP at 2000' and dump 2 sxs of sand on RBP. TIH with tubing and packer to find the casing leak. First set the packer above the RBP, load the hole with water and pressure test the RBP to 400 psi. Starting from the bottom, work up the hole setting the packer to find the bottom and top of the casing leak.
3. TOOH with tubing and packer. Establish circulation down the casing and back up through the bradenhead with water. If at least 1 BPM can be established with less than 1000 psi, then proceed with the squeeze as below. If not, run a CBL and perforate squeeze holes as necessary to establish circulation.
4. RU BJ Services and squeeze cement the well as follows. Calculate fill for the 6 3/4" x 2 7/8" annulus to the leak depth and add 50% for an approximate cement volume. Pump Class B neat cement at 1-2 BPM (yield 1.18 cf/sx.) until good cement returns reach the surface. Tail with 20 sxs of class B cement w/ 2% CaCl. Close the bradenhead and displace to 100 feet above the top of the casing leak with water. If the pressure increases during the displacement, it may be necessary to open the bradenhead to get the displacement fluid pumped.
5. WOC 12 hours. Drill out cement and pressure test squeeze to 400 psi.
6. TIH with tubing and retrieve RBP. POOH with RBP. TIH with 4 joints tubing, packer, and remaining tubing.
7. Mix and spot Unichem PH-606 corrosion inhibitor in the tubing annulus at a concentration of .2 gallons per barrel of water, about 3 gallons. Set the packer in compression at 2586' with the tubing landed at 2722'.
8. ND BOP and NU wellhead. Swab kill fluid and kick off well.
9. RDMO and turn well to sales.

Approve: LKS For RPM

R.F. Headrick

LKS
LKS

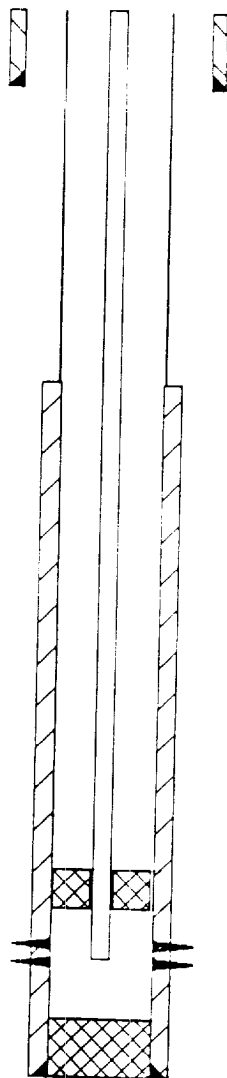
Services :

BJ Services	Cement	327-6288
Unichem	Corrosion Inhibitor	327-7775

Canyon Largo Unit #157
Unit O of Sect 27-T25N-R7W
Rio Arriba County, New Mexico

Wellbore Schematic

CURRENT



8 5/8" 24.0# K-55
set @ 136'

Perforate and cement to surf.
below indicated casing leak.

Top of cmt @ 1700' (Temp. Survey)

Corrosion inhibitor
placed in annulus.

1.25" 2.33# IJ
tubing set @ 2722'

Schlumberger SL packer @ 2586'

PC perms @ 2713-33' (40 Shots)

PBTD @ 2786'

2 7/8" 6.4# K-55
set @ 2796'

PROPOSED

