UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RCVD NOV 29'11

	Sundry Notices and Reports on Wells			OIL CONS. DIV.
1.	Type of Well GAS	NOV 21 2011	5. 6.	Lease Number NM-01772-A If Indian, All. or Tribe MEE. 3
2.	Name of Operator BURLINGTON	Farmington Field Office Bureau of Land Managemen.	7.	Unit Agreement Name
3.	RESCURCES OIL & GAS COMPANY LP Address & Phone No. of Operator		8.	Well Name & Number Reid 21E
	PO Box 4289, Farmington, NM 87499 (505) 326-9700		9.	API Well No.
_	Logation of Well Footogo Soc. T. D. M.			30-045-25291
4.	Location of Well, Footage, Sec., T, R, M Unit I (NESE), 1850' FSL & 790' FEL, Section 19, T28N, R9W, NMPM			Field and Pool Otero Chacra/Basin DK
Chief (LEOL), 1000 101 & 770 1111, 5000001 17, 12011, 18711, 11111 111				County and State San Juan, NM
12.	CHECK APPROPRIATE BOX TO INDICATE NATULE Type of Submission Type of Action X Notice of Intent X Abandonment Subsequent Report Plugging Casing Repair Final Abandonment Altering Casing	Change of Plans New Construction Non-Routine Fracturing Water Shut off Conversion to Injection	*HER 	DATA Other —
Bu	Describe Proposed or Completed Operations rlington Resources Oil & Gas Company, LP requests permis sposed wellbore schematic.	ssion to P&A the subject well per Notify NMOCD 24 h prior to beginning operations	rs	ached procedure, current and
Sig	I hereby certify that the foregoing is true and correct. In the correct of the c	<u>Γafoya</u> Title <u>: Staff Regulat</u>	ory Te	echnician Date <u>///21</u> ///
CC	DNDITION OF APPROVAL, if any: 18 U S C Section 1001, makes it a crime for any person knowingly and willfully to make any depa Justed States any false, fictitious or fraudulent statements or representations as to any matter within			

ConocoPhillips REID 21E Expense - P&A

Lat 36° 38' 42.792" N

Long 107° 49' 23.628" W

PROCEDURE

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- 1. Hold pre-job safety meeting Comply with all NMOCD, BLM, and COPC safety and environmental regulations Test rig anchors prior to moving in rig.
- 2 MIRU work over rig Check casing, tubing, and bradenhead pressures and record them in Wellview
- 3. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with water, as necessary, and at least pump tubing capacity of water down tubing
- 4 ND wellhead and NU BOPE. Function test BOP. PU and remove tubing hanger.
- 5 TOOH with tubing/rods (per pertinent data sheet) LD tubing bailer (if applicable)

Tubing (Short):	Yes	Size:	1.9	Length:	3188
Tubing (Long):	Yes	Size:	1.9	Length:	6540
Packer:	Yes	Size:	N/A	Depth:	3261

If this well has rods or a packer, then modify the work sequence in step #2 as appropriate Round trip casing scraper through deepest perforation or as deep as possible To unset packer, "set at 5,000# on packer, torque to the right & pick up. Packer should come free. If packer is stuck, pull weight above packer & 20,0000# shear pin to release packer" (per completion report). LD 1-1/2" tbg.

All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type II mixed at 15.6 ppg with a 1.18 cf/sk yield.

6. Plug 1 (Dakota, 6292-6392', 17 Sacks Class B Cement)

RIH w/ CIBP and set @ 6,392' TIH w/ 2-3/8" tbg. Pressure test tubing to 1000 psi. Load casing with water and attempt to establish circulation. Mix 17 sx Class B cement and spot a balanced plug inside the casing to isolate the Dakota formation top.

7. Plug 2 (Gallup, 5472-5572', 47 Sacks Class B Cement)

Perforate 3 HSC holes at 5,572'. Set a 5-1/2" cement retainer at 5,522' Establish injection rate into squeeze holes. Mix 47 sx Class B cement Sqz 30 sx Class B cement into HSC holes and leave 17 sx cement inside casing to isolate the Gallup formation top POOH

8. Plug 3 (Mancos, 4700-4800', 17 Sacks Class B Cement)

RIH w/ tbg. Mix 17 sx Class B cement and spot a balance plug inside casing to isolate the Mancos top. PUH.

3550 3650

9. Plug 4 (Mesaverde, 3650-3750°, 17 Sacks Class B Cement)

RIH w/ tbg. Mix 17 sx Class B cement and spot a balance plug inside casing to isolate the Mesaverde top. PUH.

10. Plug 5 (Chacra, 2890-2990', 17 Sacks Class B Cement)

RIH and set CIBP @ 2,990'. Pressure test casing. Mix 17 sx Class B cement and spot a balance plug inside casing to isolate the Chacra top PUH.

11. Plug 6 (Pictured Cliffs / Fruitland, 1680-2092', 53 Sacks Class B Cement)

RIH w/ tbg Mix 53 sx Class B cement and spot a balance plug inside casing to isolate the Fruitland & Pictured Cliffs tops PUH

12. Plug 7 (Kirtland/ Ojo Alamo, 846-1149', 115 Sacks Class B Cement)

Perforate 3 HSC holes at 1,090. Set a 5-1/2" cement retainer at 1,080' Establish injection rate into squeeze holes Mix 115 sx Class B cement. Sqz 75 sx Class B cement into HSC holes and leave 40 sx cement inside casing to isolate the Kirtland & Ojo Alamo formation tops. TOH.

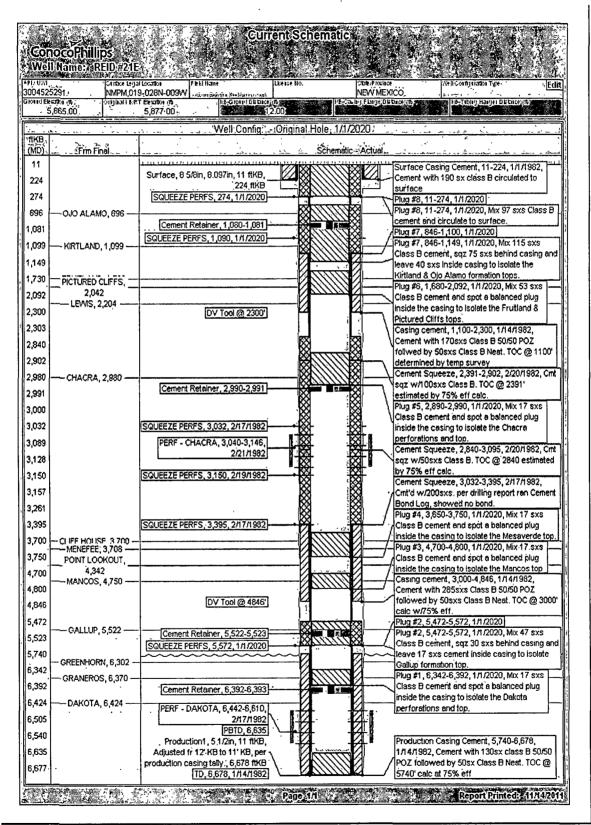
13. Plug 8 (Surface Shoe, 0-274', 97 Sacks Class B Cement)

Perforate 3 HSC holes @ 274'. Establish circulation to surface. Mix 97 sxs Class B cement and circulate cement from 274' to surface, once good cement has circulated out intermediate casing valve, close valve and continute to pump cement to fill casing to surface. Shut well in and WOC. Tag cement top and top out cement as necessary.

14. Nipple down BOP and cut off casing below the casing flange Install P&A marker with cement to comply with regulations Rig down, move off location, cut off anchors, and restore location

Schematic - Current ConocoPhillips **REID #21E** District Edit County SOUTH BASIN DAKOTA (PRORATED SAN JUAN 3004525291 NEW MEXICO GAST Original Spud Date East/West Reference East/West Distance (ft) North/South Distance (ft) North/South Reference Surface Legal Location 1/1/1982 NMPM.019-028N-009W/ 0.00 n on Well Config: - Original Hole; 11/11/2011/1.08.08/PM Erm'Final (MĎ) Schematic -11 ·Surface Casing Cement: 11-224;171-71982;1171 223 -Cement with 190 sx class B circulated to 224 surface 232 Surface, 8 5/8in; 8,097in, 11 ftKB; 224 ftKB 896 OJO ALAMO, 898 Tubing, 1.900in, 2.90lbs/ft, J-55. 1.099 KIRTLAND, 1,099 11 ftKB, 2,964 ftKB 1,100 IJ Tubing, 1.900in, 2.76lbs/ft, J-55, FRUITLAND, 1,730 1,730 11 ftKB, 3,156 ftKB 2,042 PICTURED CLIFFS, 2,042 Casing cement, 1,100-2,300, 1/14/1982, 2,204 - LEWIS, 2,204 Cement with 170sxs Class B 50/50 POZ 2 300 DV Tool @ 2300' follwed by 50sxs Class B Neat. TOC @ 1100' 2.301 determined by temp survey 2,303 2,391 2,840 Cement Squeeze - 2:391 - 2:902 - 2/20/1982 Cmt Tubing Sub, 1.900in, 2.90lbs/ft, sqz-w/100sxs Class B.-TOC @ 2391' -2.902 J-55, 2,964 ftKB, 2,992 ftKB 13 2,964 estimated by 75% eff calc: Blast Joint, 1.900m, 2,992 ftKB, 2,980 CHACRA, 2,980 3,021 ftKB 2.991 Tubing, 1.900m, 2.90lbs/ft, J-55, 3,000 3,021 ftKB, 3,089 ftKB 3,021 Hydraulic Fracture, 2/27/1982, 3,032 SQUEEZE PERFS, 3,032, 2/17/1982 frac chacra with 66000 gal 70Q 3,040 PERF - CHACRA, 3,040-3,146, 2/21/1982 foam and 85000# 10/20 sand 3,089 Cement Squeeze; 2,840-3,095, 2/20/1982, Cmt Blast Joint, 1.900in, 3,089 ftKB, 3,095 sgz w/50sxs Class B. TOC @ 2840 estimated 3,128 ftKB 3,128 by 75% eff calc. -Pump Seating Nipple, 1.900in, 3,146 3,156 ftKB, 3,157 ftKB SQUEEZE PERFS, 3,150, 2/19/1982 3,150 JJ Gas anchor, 1,900m, 2,76lbs/ft. 3,156 J-55, 3,157 ftKB, 3,188 ftKB 3,157 Tubing, 1.900in, 2.90lbs/ft, J-55, 3,128 ftKB, 3,261 ftKB Cement Squeeze, 3,032-3,395, 2/17/1982, 3,188 3,261 Otis Perma Latch Packer, 1.900in Cmt'd w/200sxs. per drilling report ran Cement 3,261 ftKB, 3,269 ftKB 3,269 Bond Log; showed no bond. I.C SQUEEZE PERFS, 3,395, 2/17/1982 3,395 3,700 CLIFF HOUSE, 3,700 3,708 - MENEFEE, 3,708 4,342 POINT LOOKOUT, 4,342 MANCOS, 4,750 -4,750 Casing cement, 3,000-4,848, 1/14/1982, 4,846 Cement with 285sxs Class B 50/50 POZ DV Tool @ 4846' 4,846 followed by 50sxs Class B Neat: TOC @ 3000' Tubing, 1.900m, 2.90lbs/ft, J-55, 4,849 calc w/75% eff. - - - - -3,269 ftKB, 6,505 ftKB 5,522 GALLUP, 5,522 5,740 6,302 GREENHORN, 6,302 -Seal Nipple, 1.900in, 6,505 ftKB, 6,370 GRANEROS, 6,370 6,506 ftKB 6,424 DAKOTA, 6,424 Tubing, 1.900m, 2.90lbs/ft, J-55. 6,442 6,506 ftKB, 6,540 ftKB 6,505 PERF - DAKOTA, 6,442-6,610, 2/17/1982 Hydraulic Fracture, 2/27/1982, 6,506 Production Casing Cement, 5,740-6,678, frac dakota with 68900 gal 30# gel 6,540 1/14/1982, Cement with 130sx class B 50/50 and 53900# 20/40 sand 6,610 POZ followed by 50sx Class B Neat. TOC @ 6,635 PBTD, 6,635 5740' calc at 75% eff 6,636 Production1;51/2in;11 ftKB; Adjusted fr 12 6,677 KB to 11' KB, per production casing tally., TD, 6,678, 1/14/1982 6,678 6,678 ftKB Page 1/1; Report Printed: 11/11/2011

P&A Proposed Schematic



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT FARMINGTON DISTRICT OFFICE

1235 LA PLATA HIGHWAY FARMINGTON, NEW MEXICO 87401

Attachment	to notice of
Intention to	Abandon:

Re: Permanent Abandonment

Well: 21E Reid

CONDITIONS OF APPROVAL

- 1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
- 2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
- 3. The following modifications to your plugging program are to be made:
- a) Place the Mesaverde plug from 3650' 3550'.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.