submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

97 FEB 10 PM 1:39
070 FARMINGTON, NM

1. Type of Well
GAS

5. Lease Number
SF-078511

6. If Indian, All. or Tribe Name

7. Unit Agreement Name

2. Name of Operator
BURLINGTON RESOURCES OIL & GAS COMPANY

8. Well Name & Number
Quinn 2

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700

9. API Well No.
300451049000

4. Location of Well, Footage, Sec., T, R, M
1750'FSL, 850'FWL, Sec.19, T-31-N, R-8-W, NMPM
L

10. Field and Pool
Blanco Mesaverde

11. County and State
San Juan Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission	Type of Action	
_x_ Notice of Intent	___ Abandonment	___ Change of Plans
	___ Recompletion	___ New Construction
___ Subsequent Report	___ Plugging Back	___ Non-Routine Fracturing
	___ Casing Repair	___ Water Shut off
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection
	_x_ Other -Tubing Repair	

13. Describe Proposed or Completed Operations

It is intended to repair the casing on the subject well according to the attached procedure.

RECEIVED
FEB 18 1997
OIL CON. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct.

Signed Peggy Bradfield (klm) Title Regulatory Administrator Date 2/5/97

(This space for Federal or State Office use)
APPROVED BY /s/ Duane W. Spencer Title _____ Date FEB 13 1997
CONDITION OF APPROVAL, if any:

NMOCD

Tubing Repair Procedure

Quinn #2
Mesa Verde
DPNO: 32270A
Sec. 19, T31N, R08W

Project Summary: The Quinn #2 has a stuck pump and tubing. In 1993, we attempted to pull the pump and then backed off the rods at about 1200' from surface. We planned to strip the rods but the tubing was stuck. At that point, we ran the rods back in the well and rigged down. We now plan to fish the rods and tubing. If we are unsuccessful in fishing the rods then we will rig down and leave the well flowing 60 MCFD up the annulus. According to the lease operator, the pump would still stroke but would not release from the SN. In addition, we believe the 1200' of backed off rods were run back in the well but not screwed on.

1. Test rig anchors. Comply with all NMOCD, BLM and BROGC safety regulations.

2. MIRU PU with air package. Deliver 5300' of 3/4" grade D rods to location. POOH with the 1200' of 5/8" rods hanging free in the well. Note whether a box or pin is looking up and the coupling size. RIH with 3/4" rods with a link jar and screw into rods. Attempt to back off rods deeper in the string. If this is successful, then continue this procedure until rods are removed to within 200' of the pump. If a deeper backoff is unsuccessful, then work the rods with the jars and part the 5/8" rods as deep as possible. If the rods can not be fished to within 500' of the pump then we will RD and leave the well producing up the annulus. (Maximum of 2 days fishing rods).

3. If the rods are fished to within 500' of the pump then RIH with a stringshot and back off tubing as deep as possible (a chemical cut is not recommended because it is likely that the well will not hold a water column to the cut point). RIH with tubing jars and attempt to jar the tubing free.

4. If the tubing will not jar free, then we will either washover or cut the tubing and rods externally (depending on the amount of tubing).

5. After the tubing is removed from the well, then RIH with 3-7/8" bit and cleanout to PBTD with air. Continue to cleanout until sand production ceases. POOH.

6. RIH with 1 joint of tubing, 4' perforated sub, 1.78" ID SN, and production tubing. Land tubing at approximately 5300'. ND BOP, NU wellhead. RIH with 18' Johnson sand filter (mud anchor type with 12 mil slots), 2" x 1-1/4" x 8 x 10 x 13 RHAC pump and 3/4" grade D rod string (the 5/8" string will be retired). Test pump action and hang on jack. RDMO PU.

Recommended: _____ 1/31/97
Operations Engineer

Approval: _____
Drilling Superintendent

Concur: _____
Production Superintendent

Contacts:	Operations Engineer	Kevin Midkiff	326-9807 (Office) 564-1653 (Pager)
	Foreman:	Cliff Brock	326-9818 (Office) 326-8872 (Pager)

Quinn No. 2
Tubing Repair
Recommended Vendors

Service	Vendor	Telephone Number
Johnson Sand Filter & Pump	Service Pumps (Doug)	326-5564
Fishing Tools	Baker (Doug Bowers)	327-3266

BAKER OIL TOOLS
A Baker Hughes company

2795 Inland St.
Farmington, New Mexico 87401
Phone: (505) 327-3266
Fax: (505) 327-4427

January 28, 1997

Burlington Resources
P.O. Box 4289
Farmington, NM 87401

Attn: Mr. Kevin Midkitt

Procedure: Fish stuck rod and tubing in Quinn #2

1. Screw on to or overshot fish top and either attempt to back off or pull 5/8 rods in two. This can be accomplished by using 3/4 or 7/8 sucker rod work string. Yield on a 5/8 D or Type 12 rod is #29.400, 3/4 is #42.300, 7/8 is #57.700

2. After rods are retrieved as deep as possible, free point and chemically cut the 2 3/8 tubing. I would recommend a jarring attempt on the tubing at this point.

3. If not successful washover will be necessary. If more than 200' of tubing is stuck we would recommend making external cuts to remove sections of pipe. The cutter may or may not cut and retrieve the sucker rod. If it doesn't an overshots run will be necessary.

4. Repeat number 3 until fish is retrieved.

5. At some point it may be desirable to back the tubing off and strip off the rods. We could run a kelo socket work it over the rods, swallow as many as possible and pull them in two at that point.

Equipment	1st Day	Additional
Overshot 29/21 3/4 SR	172.50	56.25
Link Jar 3/4 SR X 1 1/2	150.00	75.00
Overshot 3 7/8 X 2 3/8 Reg	247.50	116.25
Bumper Jar 3 1/8 X 2 3/8 Reg	189.75	95.25
Bowen Hyd Jar 3 /18 X 2 3/8 Reg	1040.00	670.00
6 Drill Collars 3 1/8 X 2 3/8 Reg 5 day	670.50	63.00
Bowen Hyd Jar 3 1/8 X 2 3/8 Reg	1040.00	670.00
Sub 2 3/8 EUE Box X 2 3/8 Reg Pin	15.00	7.87
4 Lift Subs	54.00	9.75
Safety Clamp 5 Segment T	90.75	15.75
External Cutter 3 7/8 X 3 3/4 WP	1068.75 per cut	
Washover Shoe 3 3/4 x 3 7/8 OD Kutrite	755.63	
6 Joints Washpipe 3 3/4 WP Hyd	3.00 per ft.	1.87 per ft additional
Top Bushing 3 3/4 WP X 2 3/8 Reg	112.50	67.50
Elevator 3 7/8 Center Latch	56.25	23.62
Safety Clamp, 6 segment T	90.75	15.75
Spider & Slip 5 1/2 X 3 1/2	78.75	27.75
Kelo Socket	363.75	165.00

Kevin there are many variables on these type of jobs, I covered just a few options here. If I can be of any further assistance, please feel free to call me (505) 327-3266.

People and Products Providing Solutions for
Completions, Workovers and Fishing

Respectfully,

Doug Bowers

Doug Bowers

Quinn #2

Current -- 1/31/97

DPNO: 32270A

Mesa Verde

1750' FSL, 850' FWL
Sec. 19, T31N, R08W
San Juan County, NM
Lat/Long: 36°52.86", 107°43.18"

Spud: 9/22/53
1st Delivered: 2/2/54
Elevation: 6036' (KB)
6027' (GL)

5/3/93 Hot oil pump stuck, backed off rods (1200'?). Tried to pull [illegible] (54,000#) but tubing is stuck. RD.
12/2/92 Pulled rods, found some stretch. [illegible] corkscrewed.
9/23/92 Trip pump.
1/20/82 Trip pump.
10/7/81 Trip pump.
10/11/80 Ran new pump.
5/9/75 Pulled tubing. Re-run tbg. Installed pump and rods.
5/21/72 Casing holes in 7" @ 1370', 1535', 1674'. Set pkr. @ 1280' @ sqz. w/75 sxs. Perf 2 holes @ 700'. Sqz. w/250 sxs. Circulate out bradenhead. Ran 4-1/2" 9.5#, K55 liner from surface to 4448'. Cemented w/600 cf (circ.). Ran new tubing.
10/8/58 Deepened to 5364'. Ran 5" liner 4476'-5356'. Set pkr. @ 4381' and sqz. TOL w/100 sxs. Found casing holes in 7" csg. @ 1171' and sqz. w/unknown amount of cmt. Perf Pt. Lookout and frac w/102,000 gal. wtr. and 100,000# sand. Perf Cliffhouse/Menefee and frac w/87,300 gal. wtr. and 90,000# sand. Ran 2-3/8" tbg. to 5309'.

13-3/4" Hole

9-5/8", 40#, J55 csg. set @ 222'
Cmt. w/150 sxs. Circulate to surface.

Perf 2 holes @ 700', sqz. w/250 sxs cmt. circ. out brdhd.
Csg. holes @ 1171', sqz. with unknown amount of cmt.
Csg. holes @ 1370', 1535', 1674'. Sqz'd. w/75 sxs.

Kirtland @ 1953'

Fruitland @ 2620'

Pictured Cliffs @ 2962'

TOC @ 2956' (Calc.)

2-3/8", 4.7#, J55 tbg. set @ 5200'
60' orange peeled mud anchor, 4' perf jt., SN @ 5140'
Pump size: 2" x 1-1/2" x 12' RHAC
5/8" rods (1200'-5140'). Lukfin 114-143-64 pump jack.
** Note: Top of 1200' of rods is hung in wellhead.*

Perf sqz. holes @ 4380', sqz. w/250 sxs cmt.

4-1/2", 9.5#, K55 liner set from 4448' to surface.
Cmt. w/600 cf. Circulate to surface.

Top of liner @ 4476'. Liner top sqz. w/100 sxs cmt.

8-3/4" Hole

7", 20#, J55 csg. set @ 4661'. Cmt. w/300 sxs, then sqz'd w/150 sxs.

Cliffhouse @ 4698'

Menefee @ 4811'

Cliffhouse/Menefee perfs @ 4738'-4818', 4986'-5076' (2 SPF).
Frac w/87,300 gal. water and 90,000# sand.

Point Lookout @ 5112'

Point Lookout perfs @ 5238'-5248', 5262'-5282', 5304'-5318', 5324'-5330' (2 SPF)
Frac w/102,000 gal. water and 100,000# sand.

6-1/4" Hole

5", 15#, J55 liner set from 4476'-5356'
Cmt. w/170 sxs Class C. Sqz. liner top with 100 sxs.

PBTD @ 5335'

TD @ 5364'

*Original completion: 1,710 qts. of Nitro shot from 4732'-5302'. (Original TD 5325')

Burlington Resources, Inc.
Well Data Sheet

DPNO: 32270A Well Name: QUINN 2 Meter #: 38020 API: 3004510490000 Formation: MV

Footage: 1750'FSL & 850'FWL Unit: L Sect: 19 Town: 031N Range: 008W County: San Juan State: New Mexico

Dual: NO Commingled: NO Curr. Compressor: No Prev. Compressor: No Plunger Lift: No BH Priority: 4
Install Date: Last Chg Date: BH Test Date: 5 8 96

CASING:

	Surface	Intermediate	Longstring (Liner)	Longstring Liner
Hole Size:	13 3/4	8 3/4"	6 1/4"	
Casing:	9 5/8 40# J-55	7" 20# J-55	5" 15# J-55	4 1/2 9.5# K-55
Casing Set @	222'	4661'	4476'-5356'	Surface to 4448'
Cement:	150 sxs	300 sxs (Then squeezed shoe with 85 sxs) Perf squeeze holes @ 4380' squeeze w/ 250 sxs	170 sxs Class C Squeeze liner top w/ 100 sxs	555 cf
TOC / By:	Surface / Calc	2956' / Calc	4476' / Squeeze	Surf. / Circ.

WELL HISTORY:

Orig. Owner: Southern Union Spud Date: 09/22/53
GLE: 6027' First Del. Date: 02/02/54
KB: 6036' MCFD: 3 MMCFD
TD: 5364' BOPD:
PBD: 5335' BWPD:
Completion Treatment: Nitro shot 4732'-5302' w/ 1710 qts Nitro (original TD 5325')

Formation Tops

SJ		CH	4698
NA		MF	4811
OA		PL	5112
KT	1953	GP	
FT	2620	GH	
PC	2962	GRRS	
LW		DK	
CK			

CURRENT DATA:

Perfs: Point Lookout 5238'-48', 5262'-52', 5304'-18', 5324'-30' (2 SPF)
Cliffhouse/Menefee 4738'-4818', 4986'-5076' (2 SPF)

Tubing: 2 3/8" 4.7# J-55: 60' Mud anchor 4' perf joint, SN, Tubing set
~~Packer:~~ ≈ 5200', SN @ 5140'.
Pump Size: 2" x 1 1/2" x 12' RWAC
Rod String: 5/8" rods 1200'-5140'
Pump Jack: Lufkin 114-143-64
Note: Top 1200' of rods is hung in Wellhead

PULLING HISTORY / REMARKS:

Last Rig Date: Last Rig AFE Type: Last Workover: Last WO AFE Type:

10/8/58 Deepened to 5364'. Ran 5" Liner 4476'-5356', set packer at 4381' and squeezed top of liner w/ 100 sxs. Found casing holes in 7" at 1171' and squeezed with unknown amount of cement. Perf Point Lookout and frac with 102,000 gal water and 100,000# sand. Perf Cliffhouse/Menefee and frac with 87300 gal water and 75,000# sand. Ran 2 3/8 tubing to 5309'.
5/21/72 Casing holes in 7" @ 1370', 1535' [illegible]. Set pkr @ 1230' & squeeze w/ 75 sxs. Perf 2 holes at 700'. Squeeze w/ 250 sxs - [illegible] out Bradenhead. Ran 4 1/2" 9.5# K-55 Liner from surface to 4448'. Cemented with 555 cf (circ.). Ran new tubing.
5/9/75 - pulled tubing, [illegible], Installed pump & rods. 10/11/80 - Ran new pump.
10/7/[illegible] Trip pump 1/26/[illegible] - Trip pump 9/23/92 - Trip pump

Workover Required: No Reviewed By
Proposed Project Type: None Required Future Project Type: None Required Date Reviewed
Proposed Project Status: N/A Future Project Status: N/A Date Printed: 12/18/96

12/2/92 - Pulled rods. Found some stretched & [illegible]
5/3/93 - [illegible], Backed off rods [illegible], Tried to pull tubing (60,000#) but tubing [illegible] stuck. Rigged down