

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

- | | |
|--|---|
| <p>1. Type of Well
GAS</p> | <p>5. Lease Number
SF-078505</p> |
| <p>2. Name of Operator
BURLINGTON
RESOURCES
OIL & GAS COMPANY</p> | <p>6. If Indian, All. or
Tribe Name</p> |
| <p>3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> | <p>7. Unit Agreement Name</p> |
| <p>4. Location of Well, Footage, Sec., T, R, M
1100'FSL, 1060'FWL, Sec.23, T-31-N, R-9-W, NMPM
M</p> | <p>8. Well Name & Number
Seymour #5</p> |
| | <p>9. API Well No.
30-045-10438</p> |
| | <p>10. Field and Pool
Blanco Mesaverde</p> |
| | <p>11. County and State
San Juan Co, NM</p> |

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"/> Change of Plans |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Final Abandonment | <input type="checkbox"/> Plugging Back | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Water Shut off |
| | <input type="checkbox"/> Altering Casing | <input type="checkbox"/> Conversion to Injection |
| | <input checked="" type="checkbox"/> Other - Tubing repair | |

13. Describe Proposed or Completed Operations

It is intended to repair the tubing in the subject well according to the attached procedure and wellbore diagram.

RECEIVED
MAR 14 1997

OIL CON. DIV.
DIST. 3

97 MAR -6 PM 9:29
RECEIVED
DIST. 3

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

Signed *Duane W. Spencer* (KM5) Title Regulatory Administrator Date 3/3/97

(This space for Federal or State Office use)

APPROVED BY *Dr. Duane W. Spencer* Title _____ Date MAR 12 1997

CONDITION OF APPROVAL, if any:

WORKOVER PROCEDURE Repair Tubing

Seymour No. 5
DPNO: 32295A
Blanco Mesaverde
1100' FSL, 1060' FWL
Sec. 23, T31N, R09W, San Juan County, NM
Latitude / Longitude: 36°52.77" - 107°45.28"

Project Summary: The Seymour No. 5 currently has the tubing set approximately 100 feet too high in the wellbore. In addition, there is sand fill and a possible fish covering the Lower Point Lookout perforations. The pulling record in 1979 indicates that a 62' (2 joints) mud anchor was run on the tubing string. The next pulling record in 1991 shows that the well was pulled and no tail joint was found. This record does not indicate any type of tubing part, it just says 'no tailjoint'. In 1991 we tagged fill at 5569' and attempted to bail with a notched collar and a hydrostatic bailer. Only 2' of hole was cleaned out on that attempt. Two possibilities exist: 1) the tubing configuration was changed between 1979 and 1991 with nothing put in the well file and we have hard sand fill in the wellbore, or 2) we have a 62' 2-3/8" mud anchor fish in the well. This workover to lower the tubing string includes provisions to clean out sand fill or wash over the fish.

1. Test location rig anchors. Prepare blow pit. Comply to all NMOCD, BLM and BROGC safety regulations.
2. MIRU daylight PU with air package. Unseat pump and hot water the tubing to clean paraffin off the rods. POOH with rods and pump. Kill well with 2% KCl water. ND WH, NU BOP. Drop in with tubing to tag fill. Strap out of hole. Visually inspect tubing and replace any bad joints.
3. Pick up 4-1/4" bit (due to 5" liner) and cleanout to PBTD (5681') with air. Continue cleanout until sand production ceases. POOH. If the bit is unable to make hole then assume that the well has a 62' 2-3/8" mud anchor fish. Pick up a bottom and inside cutting mill shoe on wash pipe and wash over the fish. POOH. RIH with overshot and recover the fish. RIH with the bit and clean out with air to PBTD. Continue cleanout until sand production ceases. POOH.
4. RIH with 1 joint 2-3/8" tubing, 4' perforated sub, 1.78" ID SN, and 2-3/8" production tubing. Land tubing at approximately 5660'. ND BOP, NU WH. RIH with 16' Johnson sand filter (mud anchor type with 12 mil slots), replacement pump, and 5/8" rods. Test pump action and hang on jack. RDMO PU. Turn well to production.

Recommended: Kevin Midkiff 2/28/97
Operations Engineer

Approval: _____
Drilling Superintendent

Concur : _____
Production Superintendent

Contacts:	Operations Engineer	Kevin Midkiff	326-9807 564-1653	Office Pager
	Production Foreman	Gary Osborne	326-9821 320-2449	Office Cellular

1st Delivered : 02/12/54
Elevation: 6305' GL
6317' KB

Workovers:

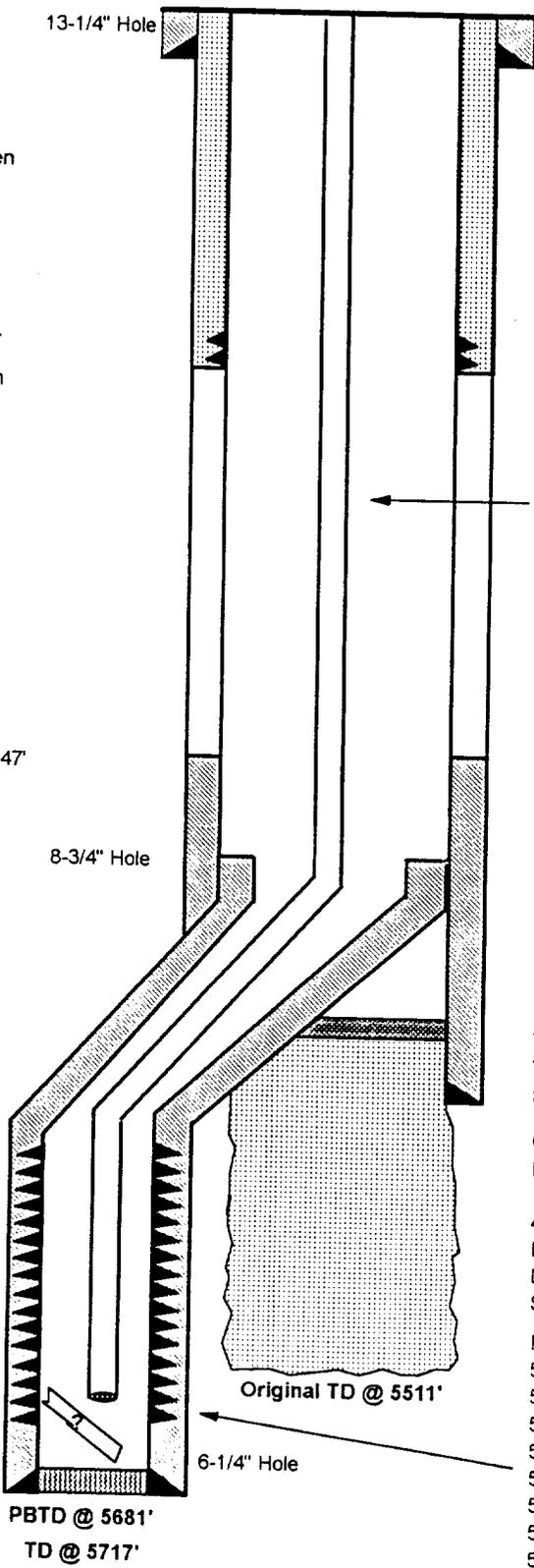
7/27/93: Pump change.
9/16/92: Hole in tubing @ +-2800'.
Replace 96 rods.
9/17/91: Tag @ 5569'. Try to bail,
made 2' (top of fill now @
5571'). Pump 500 gal. 15%
HCl. swab back.
6/12/91: Pump change.
5/22/91: Pulled tubing - no tail joint
found. Possible fish in hole
(2 jts. tbg.).
4/79: Tag sand @ 5521', cleaned
out to 5639'. Ran tubing to
5247'.
4/28/64: Set retainer @ 4800', sqz. open
hole with 300 sxs. Perf 4 sqz. holes at 1760'.
Sqz. w/600 cf cmt. plus 75 sxs, circ. cmt. to
surface. Re-sqz. w/300 sxs. Drilled out to
4920' - hole wet. Set retainer @ 4820', sqz.
w/150 sxs. Drill out into OH. Set retainer @
4818' - sqz. w/200 sxs. Sidetrack with 6-1/4"
hole to 5717'. Ran 5" liner 4757'-5715'. Cmt.
w/180 cf cmt. Perf and frac w/50,000# 20/40
sand and 130,000# 10/20 sand. Ran pump in
well.

Seymour 5

Current -- 2/28/97

DPNO: 32295A
Blanco Mesa Verde

1100' FSL, 1060' FWL
Sec. 23, T31N, R09W, San Juan County
Lat/Long: 36°52.77" - 107°45.28"



10-3/4", 40.5#, H40/J55 csg. set @ 208'
Cmt. w/125 sxs.
Circulate to surface.

Perf 4 squeeze holes @ 1760'
Sqz. w/600 cf + 75 sxs cmt.
Re-sqz. w/300 sxs.
Circulate to surface.

2-3/8", 4.7#, J55 @ 5561'
Tail jt., perf sub, SN, tbg. SN @ 5526'
Pump Size: 2" x 1-1/4" x 8' x 11' x 14' RHAC
Rod String: 218 - 5/8" rods.

TOC @ 3900' (TS)

7", 20#, J55 csg. set @ 4933'. Cmt. w/300 sxs.
TOC @ 3900' (TS). Set retainer @ 4858'
Squeeze shoe with 150 sxs.

Original Completion: Open hole 4933'-5511'
Nitro shot 4960'-5490' w/1590 qts.

4/28/64: Retainer set @ 4800', sqz'd. open hole w/300 sxs.
Drilled out to 4920'. Set retainer @ 4820', sqz. w/150 sxs.
Drill out into OH. Set retainer @ 4818'. Sqz. w/200 sxs.
Sidetrack with 6-1/4" hole to 5717'.

Perfs @ 4964'-4966', 4970'-4974', 4980'-4984', 4992'-5010',
5016'-5020', 5024'-5034', 5057'- 5064', 5082'-5091', 5104'-
5108', 5134'-5138', 5158'-5162', 5181'-5185', 5189'-5196',
5229'-5236', 5254'-5260', 5268'-5276', 5294'-5298', 5315'-
5322', 5352'-5358', 5362'-5366', 5372'-5376', 5382'-5385',
5394'-5404', 5421'-5425', 5429'-5434', 5455'-5461', 5472'-
5476', 5479'-5483', 5500'-5516', 5534'-5542', 5546'-5552',
5559'-5565', 5576'-5580', 5584'-5592', 5606'- 5612', 5624'-
5634', 5656'-5662' - 1 SPF. Frac w/50,000# 20/40 sand
and 130,000# 10/20 sand.

Kirtland @ 2010'

Fruitland @ 2839'

Pictured Cliffs @ 3147'

Cliffhouse @ 4905'

Menefee @ 5036'

Point Lookout @ 5371'

5", 15.0#, J55 liner set from 4757'-5715'
Cmt. w/180 cf. Cmt. circ. to TOL.

PBT @ 5681'
TD @ 5717'

Original TD @ 5511'

6-1/4" Hole

8-3/4" Hole

13-1/4" Hole

Burlington Resources Well Data Sheet

DPNO: 32295A Well Name: **SEYMOUR 5** Meter #: 38029 API: 30-045-1043800 Formation: **XIV**

Footage: 1100'FSL & 1060'FWL Unit: M Sect: 23 Town: 031N Range: 009W 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: 5/15/96

CASING:

	Surface	Intermediate	Longstring / Liner	Longstring / Liner
Hole Size:	13 1/4"	9"	6 1/4"	
Casing:	10 3/4" 40.5# H40/J55	7" 20# J55	5" 15.0# J-55	
Casing Set @:	208'	4933'	4757' - 5715'	
Cement:	125 SXS	300 SXS 70C = 3900' (TS) Set Retainer @ 4858' Squeeze shoe with 150 SXS	180 cf	
TOC: surf. By: Calc.		TOC: 3900' By: TS	TOC: 4757' By: Circ.	TOC: By:

WELL HISTORY:

Orig. Owner: Southern Union Spud Date: 09/19/53

GLE: 6305' First Del. Date: 02/12/54

KB: 6317' MCFD: 4347

TD: Orig. 5511' (OH), Now: 5717' BOPD:

PBD: 5681' BWPD:

Completion Treatment: Original - Open hole 4933'-5511'
Nitro shot 4960'-5490' w/ 1590 lbs.

Formation Tops	
SJ	CH <u>4905'</u>
NA	MF <u>5036'</u>
OA	PL <u>5371'</u>
KT	GP <u>2010</u>
FT	GH <u>2839</u>
PC	GRRS <u>3147</u>
LW	DK
CK	

Note - BHT = 168°F, ISIP = 1054 psi

CURRENT DATA:

Perfs: 4/64 @ 4964'-66', 70'-74', 80'-84', 4992'-5010', 5018'-20', 5024'-34', 5057'-64', 5082'-91', 5104'-08', 34'-38', 58'-62', 81'-85', 5189'-98', 5229'-36', 54'-60', 68'-76', 94'-98', 5315'-22', 52'-58', 5362'-66', 72'-76', 82'-85', 5394'-5404', 21'-25', 29'-34', 55'-61', 5472'-76', 79'-83', 5500'-16', 34'-42', 46'-52', 59'-65', 76'-80', 84'-92', 5606'-12', 5624'-34', 5656'-62' (1 SPS)

Tubing: 2 3/8" 4.7# J-55 @ 5561'
Tail Jt, Part Sub, SN, ± 69.

Reelers: SN @ 5526'

Pump Size: 2" x 1 1/4" x 8' x 11' x 14' RHAC

Rod String: 218 - 5/8" Rods

PULLING HISTORY/REMARKS:

Last Rig Date:	Last Rig AFE Type:	Last Workover:	Last WO AFE Type:
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Remarks: 4/28/64 - Set retainer @ 4800'. Squeeze open hole with 300 SXS. Part 4 squeeze holes at 1760'. Squeeze w/ 600 cf cmt. plus 75 SXS - Circ. cmt. to surface. Resqueeze w/ 300 SXS. Drilled out to 4920' - hole w/ set retainer @ 4820' - squeeze w/ 150 SXS. Drill out into OH. Set retainer at 4818' - squeeze w/ 200 SXS. Sidetrack with 6 1/4" hole to 5717'. Ran 5" hole 4757' - 5715'. cmt. w/ 180 cf cmt. Part of final w/ 50,000# 20140 and 130,000# 101's w/ Ran Pump in well. 4/79 - Tag sand at 5521'. Cleaned out to 5639'. Ran tag to 5247'.

Workover Required: No

Prod Ops Project Type: - Tubing Repair/Change Area Team Project Type: - Reviewed By: Kevin Midkiff

Prod Ops Project Status: - Inventory Area Team Project Status: - Date Reviewed: 2/25/97

Date Submitted To Team: - Date Printed: 2/24/97

5/22/91 - Pulled tubing - no tailjoint found: POSSIBLE FISH IN HOLE (2 Jts tbg).

6/12/91 - Pump change, 9/17/91 - Tag @ 5569'. Try to bail - Made 2' (Top of fill now @ 5571')
pump 500 gal. 11.75 HCl. wash back 9/16/92 - Hole in tubing @ ± 2200'. Replace 96 rods.

7/27/93 - Pump change