submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

Sundry Notices and Reports on Wells

98 MAR 25 PM 2:23

070 FARMINGTON, NM

1. **Type of Well**
GAS

5. **Lease Number**
SF - 079302-A

6. **If Indian, All. or Tribe Name**

7. **Unit Agreement Name**

2. **Name of Operator**
BURLINGTON RESOURCES OIL & GAS COMPANY

8. **Well Name & Number**
Sanchez A #2

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

9. **API Well No.**
30-039-21968

4. **Location of Well, Footage, Sec., T, R, M**
1570' FSL, 810' FWL, Sec. 20, T-26-N, R-6-W, NMPM

10. **Field and Pool**
Basin DK/Ensenada Gallup/Blanco MV

11. **County and State**
Rio Arriba 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	
	_X_ Casing Repair	___ Water Shut off	
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection	
	___ Other		

13. **Describe Proposed or Completed Operations**

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

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MAR 27 1998
OIL CON. DIV.
DIST. 3

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

Signed [signature] (KM) Title Regulatory Administrator Date 3/25/98
VKH

(This space for Federal or State Office use)
APPROVED BY [signature] Title Pet. Eng. Date 3-25-98
CONDITION OF APPROVAL, if any:

NMOCD

Casing Repair Procedure

3/24/98

Sanchez A No. 2
DPNO 43937A, B, & C
Dakota, Gallup, Mesa Verde Commingle
1570' FSL & 810' FWL, Section 20, T-26-N, R-6-W
Rio Arriba County, NM

Project Summary: The Sanchez A No. 2 was drilled in 1979 as a Dakota producer. In 1996 the Gallup and Mesa Verde were added and the zones were commingled. In early March, 1998 the well was producing at 435 MCFD. In mid-March the well loaded up and died. A wireline check found an obstruction at 5700' and fluid at 2700'. The wireline report indicates drilling mud on the line. This indicates that we have developed a casing failure on this well. We propose to isolate the leaks and repair the problem. Note: In 1996 the tubing was found stuck in scale. This could be a problem again

1. Install and test location rig anchors. Prepare blow pit. Comply to all NMOCD, BLM, and Burlington regulations.

2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with 2% KCl water as necessary. Try to minimize the amount of water put on the formations. ND wellhead and NU BOP.

3. Pick up 2-3/8" tubing and RIH to tag PBTD. Tally out of hole with 2-3/8" tubing. Visually inspect the tubing and replace any joints that are corroded or scaled up.

4. RIH with a casing scraper (or mill) to PBTD', POOH. RIH with RBP and packer. Set the RBP at 4900' and load the hole. Set the packer immediately above the RBP and pressure test the RBP to 1000 psi. Utilize the packer to isolate the casing leaks. Establish a pump-in rate and pressure, then POOH with packer.

5. Contact the Operations Engineer for a squeeze procedure. Spot sand on the RPB and squeeze according to agreed design. WOC, drill out and pressure test to 500 psi. Resqueeze as necessary.

6. RIH with retrieving head and circulate sand off of RBP. Either unload well with air or swab down. Release RBP and POOH.

7. If fill covered any perfs during PBTD check (step 3), then RIH with bit and clean out to PBTD with air, POOH. If scale is indicated, contact Operations Engineer for an acid job design.

5. RIH with expendable check, 1 jt., SN and 2-3/8" production tubing. Hang tubing at approximately 7160'. ND BOP, NU wellhead. Pump off check and blow well in.

7. RDMO PU. Turn well to production.

Recommended: _____ 3/25/98
Operations Engineer

Approval: _____ 3-25-98
Drilling Superintendent

Operations Engineer:	Office: 326-9807	Production Foreman:	Office: 326-9846
Kevin Midkiff	Pager: 564-1653	Ward Arnold	Pager: 320-1689
	Home: 324-8596		

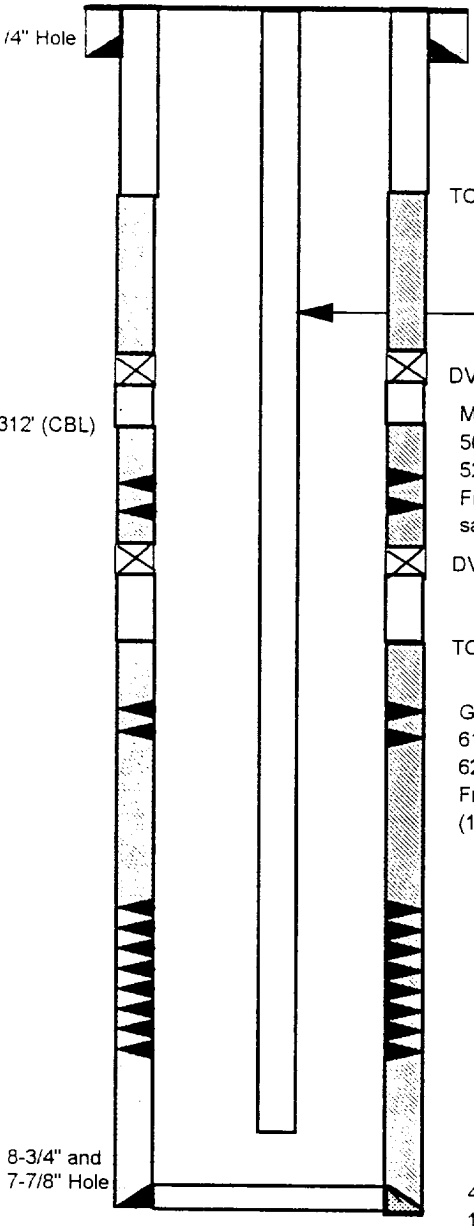
Spud: 8/19/79
1st Delivered : 12/04/79
Elevation: 6426' GLE
6437' KB
Workovers: 9/96 Tubing stuck, bottom 12 jts. scaled up (fished). Add MV and GL.
3/23/98 - Ran slickline (2" GR) tagged up at 5700', fluid level at 2700', drilling mud on tools.

Sanchez A No. 2

Current -- 3/24/98

DPNO: 43937A, B, C
Dakota, Gallup, Mesa Verde

1570' FSL, 810' FWL
Unit L, Sec. 20, T26N, R6W, RAC, NM
Lat/Long: 36°28.1113", -107°29.8233"



12-1/4" Hole

9-5/8" 36# K-55 csg at 218'
Cemented with 190 sxs Cl "B" w/ 3% CaCl & 1/4 pps gel flake. Circulate to surface.

TOC @ 1720' (CBL)

Ojo Alamo @ 1918'

Pictured Cliffs @ 2644'

2-3/8" 4.7# J-55 tubing @ 7160', S.N. @ 7127'

DV Tool @ 2788'

Chacra @ 3518'

TOC=4312' (CBL)

Mesa Verde Perfs: 4924', 26', 30', 32', 35', 80', 82', 85', 88', 5028', 31', 46', 48', 96', 5100', 11', 13', 60', 63', 84', 88', 5211', 14', 40', 42'. Breakdown: 300 gal 15% HCl
Frac: 85,176 gal slickwater, 3800 scf N2, 100,000# 20/40 sand (1/2 - 2 ppg)

Mesaverde @ 4285'

DV Tool @ 5466'

TOC= 5975' (CBL)

Gallup @ 6075'

Gallup Perfs: 6080', 84', 87', 90', 6119', 21', 34', 37' 6164', 72', 94', 6204', 22', 24', 34', 38', 48', 52', 60', 64', 6285', 6294' Breakdown: 300 gal 10% acetic acid
Frac: 27,258 gal 35# X-Linked gel & 50,000 # 20/40 sand (1-4 ppg)

Greenhorn @ 6830'

Greneros @ 6874'

Dakota @ 7016"

Dakota Perfs: 6944', 58', 7023', 30', 36', 60', 70', 82', 7102', 13', 83', 92', 7200', 32', 42'
Breakdown: 1500 gal 15% HCl
Frac: 158,894 gal 50# gel, 181,000# 20/40 sand and 61,000# 10/20 sand (1-2 ppg)

8-3/4" and 7-7/8" Hole

4-1/2" 10.5# & 11.6# csg at 7304'
1st Stage: 200 sxs Cl "B" 65/35 Poz w/ 2% CaCl + 100 sx B 50/50 poz w/ 2% gel & 2% CaCl. DV tool at 5466'.
2nd Stage - 355 sx B 65/35 poz w/ 6% gel & 2% CaCl. DV tool at 2788'. 3rd stage - 262 sxs 65/35 poz w/ 6% gel & 2% CaCl (Total 1450 cf). TOC = 1700' (TS)

PBTD @ 7288'
TD @ 7304'

Burlington Resources
Well Data Sheet

DPNO: 43937A Well Name: SANCHEZ A 2 Meter #: 90810 API: 30-039-2196800 Formation: DK

Footage: 1570' FSL, 810' FWL Unit: L Sect: 20 Town: 026N Range: 006W County: Rio Arriba State: New Mexico

Dual: NO Commingled: YES Curr. Compressor: No Prev. Compressor: Plunger Lift: No BH Priority: 5
Install Date: Last Chg Date: BH Test Date: 2/13/96

CASING:

	Surface	Intermediate	Longstring / Liner	Longstring / Liner
Hole Size:	12 1/4"		8 3/4"-7 7/8"	
Casing:	9 5/8", 36#, K-55		4 1/2", 10.5&11.6#, K-55	
Casing Set @:	218	0	7304 -	0 - 0
Cement:	190 sx"B" w/ 3% CaCl & 1/4 pps gel flake.		1st.- 200 sx "B" 65/35 poz w/ 6% gel & 2% CaCl + 100 sx "B" 50/50 poz w/ 2% gel & 2% CaCl. 2nd.(DV@5466')- 355 sx "B" 65/35 poz w/ 6% gel & 2% CaCl. 3rd.(DV@2788')- 262 sx 65/35 poz w/ 6% gel & 2% CaCl.	
	CF: 224	CF: 0	CF: 1450	CF: 0
	TOC: Surf. By: Circ	TOC: By:	TOC: 1700' By: T.S.	TOC: By:

WELL HISTORY:

Orig. Owner: EPNG
GLE: 6426
KB: 6437
TD: 7304
PBD: 7288

Spud Date: 08/19/79
First Del. Date: 12/04/79
MCFD: 1600
BOPD: 0
SIP: 970

Formation Tops

SJ	0	FT	0	MV	4285	GP	6075
NA	0	PC	2644	CH	0	GH	6830
OA	0	LW	0	MF	0	GRRS	6874
KT	0	CK	3518	PL	0	DK	7016

Completion Treatment:

.... MV - BrkDwn: 300 gals 15% 7 1/2% HCL & 50 balls.; Frac: 85,176 gals slickwater, 3800 scf N2 & 100,000# 20/40 sand.; Conc: 1/2 to 2 ppg; AvgRt: 29 bpm; AvgPr: 5100 psi; ISIP: 2161 psi ..... GP - BrkDwn: 300 gals 10% acetic acid & 44 balls.; Frac: 27,258 gals 35# x-link gel & 50,000# 20/40 sand.; Conc: 1 to 4 ppg; AvgRt: 32 bpm; AvgPr: 5900 psi; ISIP: 1630 psi ..... DK - BrkDwn: 1500 gals 15% HCL & 30 balls.; Frac: 158,894 gals 50# gel, 181,000# 20/40 sand & 61,000# 10/20 sand.; Conc: 1 to 2 ppg; AvgRt: 25 bpm; AvgPr: 3850 psi; ISIP: 2950 psi

CURRENT DATA:

Tubing Set @: 7160
Tubing: 2 3/8", 4.7#, J-55 SN @ 7127'.
Tubing Set @:
Tubing:
Packer:
Pump Size:
Rod String:

Perfs:

.... MV: 4924', 26', 30', 32', 35', 80', 82', 85', 88', 5028', 31', 46', 48', 96', 5100', 11', 13', 60', 63', 84', 88', 5211', 14', 40', 42' (25 holes). ..... GP: 6080', 84', 87', 90', 6119', 21', 34', 37', 64', 72', 94', 6204', 22', 24', 34', 38', 48', 52', 60', 64', 85', 94' (22 holes). ..... DK: 6944,58', 7023', 30', 36', 60', 70', 82', 7102', 13', 83', 92', 7200', 32', 42' (15 holes).

PULLING HISTORY / REMARKS:

Last Rig Date: 10/20/96 AFE Type: 14

Last Workover: 10/20/96 AFE Type: 14

Notes:

(5/96) Tubing stuck. Rig down. (9/96) Cut off tbg @ 7210'. TOOH w/ tbg, btm 12 jts scaled up. Fished out remaining tbg. Set RBP @ 6385'. Perf'd & frac'd GL. Set RBP @ 5340'. Perf'd & frac'd MV. Land tbg. (3/23) Slickline ran 2" GR, tagged up @ 5700'. Fluid level @ 2700'. Drilling mud on tools.

Prod Ops Project Type: Repair Casing
Prod Ops Project Status: Inventoried
Prod Ops Project Uplift: 400

Area Team Project Type: None Required
Area Team Project Status: N/A
Date Submitted To Team:

Workover Required: Yes
Reviewed By: Mike Haddenham
Date Reviewed: 3/24/98