

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

Sundry Notices and Reports on Wells

1. Type of Well GAS	API # (assigned by OCD) 30-045-24412
2. Name of Operator BURLINGTON RESOURCES OIL & GAS COMPANY	5. Lease Number Fee
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	6. State Oil&Gas Lease #
4. Location of Well, Footage, Sec., T, R, M 1780' FSL, 1780' FWL, Sec. 13, T-32-N, R-7-W, NMPM, San Juan County	7. Lease Name/Unit Name Allison Unit
	8. Well No. 57
	9. Pool Name or Wildcat Blanco MV/Basin DK
	10. Elevation:
Type of Submission <input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment	Type of Action <input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other - Tubing repair, commingle <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

It is intended to repair the tubing of the subject well and commingle it according to the attached procedure and wellbore diagram. A down-hole commingle application will be filed with the New Mexico Oil Conservation Division.

RECEIVED
DEC - 4 1996

OIL CON. DIV.
DIST. 3

SIGNATURE *Ernie Busch* (KM6) Regulatory Administrator December 2, 1996

(This space for State Use)

Approved by ORIGINAL SIGNED BY ERNIE BUSCH Title DEPUTY OIL & GAS INSPECTOR DIST. 3 Date DEC - 4 1996

Need OHC order

WORKOVER PROCEDURE Tubing Repair/Commingle

ALLISON UNIT #57

DPNO: 52956A/B

Mesa Verde/Dakota

1780' FSL, 1780' FWL

Sec. 13, T32N, R07W, SJC, NM

1. Test location rig anchors. Prepare blow pit. Comply to all NMOCD, BLM and BROGC safety regulations.
2. MIRU daylight PU with air package. Kill well with 2% KCl water. ND wellhead, NU BOP with 1-1/2" pipe rams. POOH with 1-1/2" Mesa Verde tubing, LD.
3. Change out pipe rams for 2-3/8" tubing. Pick up on tubing to pull out of Model D packer. POOH with 2-3/8" tubing. Visually inspect tubing and lay down any corroded joints.
4. Deliver 8200' of 2-3/8", 4.7#, J55 workstring. RIH with 7" packer milling and retrieving tool, 4 drill collars, safety joint and 2-3/8" workstring. Mill over packer. POOH with tubing, milling tools, and packer.
5. PU 7" 23# casing scraper and RIH to liner top at 6198'. POOH. PU 3-7/8" bit and 4-1/2" casing scraper. RIH and tag bottom. If fill covers any perforations then cleanout to PBTD with air. POOH.
6. MIRU wireline. Run GR/CCL from PBTD to 7800' and from 6250' to 5100'. Tie GR/CCL to formation density log. RIH with 3-1/8" perforating guns on wireline. Perforate Dakota with 4 SPF at 8109' - 8115', 8081'-8091', 8012' - 8022', and 7963' - 7985'. POOH with guns. RIH with 4" casing guns and perforate the Point Lookout and Menefee with 2 SPF at 5822' - 5833', 5785' - 5807', 5753' - 5771', 5624' - 5648' and 5564' - 5574'. POOH and RDMO wireline company.
7. RIH with Sonic Hammer Tool, Baker Injection Control valve, Baker Rotational Equalizing Valve and 2-3/8" workstring to 8115'. Spot 250 gallons of acid across Dakota perfs. Wash Dakota perfs with 30 gallons of acid per foot while pulling Sonic Hammer across perforations. Pump at 2 BPM.

Dakota Pump Design:

8109' - 8115': 210 gallons

8081' - 8091': 330 gallons

8012' - 8022': 330 gallons

7963' - 7985': 690 gallons

Total Dakota: Approximately 1800 gallons

Dakota Acid Design:

BJ's Super Sol (15%) with:

10 gal/M CI-25 Corrosive Inhibitor

10 gal/M Hy-Temp-0 Intensifier

5 gal/M Ferrotrol-HSA Iron Control

2.5 gal/M Ferrotrol-HSB Iron Control

15 gal/M Ferrotrol-300L Iron Control

2 gal/M NE-10 Non-emulsifier

0.5 gal/M Clay Master 5C - Clay Control

8. Pull up to 5833' and spot 500 gallons of acid across perforations. Wash Mesa Verde perfs with 30 gallons of acid per foot while pulling Sonic Hammer across perforations. Pump at 2 BPM.

Mesa Verde Pump Design:

5822' - 5833': 360 gallons

5785' - 5807': 690 gallons

5753' - 5771': 570 gallons

5624' - 5648': 720 gallons

5564' - 5574': 330 gallons

Total Mesa Verde: Approximately 3200 gallons

Mesa Verde Acid Design:

4 gal/M CI-245 Corrosive Inhibitor

0.5 gal/M Clay Master-5C Clay Control

15 gal/M Ferrotrol-300L Iron Control

2 gal/M NE-10, Non-emulsifier

9. RIH to PBTD, open circulating valve and unload hole with air. POOH laying down workstring.
10. Rabbit production tubing in derrick. RIH with expendable check, 1 jt. 2-3/8" production tubing, SN, and 2-3/8" tubing to approximately 8100'. ND BOP, NU wellhead (single string). Pump out expendable check and blow well in. RDMO PU. Turn well to production.

Recommended:

Kevin L. Midkiff 11/22/96
Operations Engineer

Approval:

Drilling Superintendent

Concur :

Production Superintendent

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

ALLISON UNIT #57

Recommended Vendors

<u>Service:</u>	<u>Vendor:</u>	<u>Telephone #:</u>
Perforating	Basin Perforating	327-5244
Stimulation	B. J. Services	327-6222
Sonic Hammer	Fluidic Technologies	915-580-0163

Allison Unit #57

Current -- 9/21/96

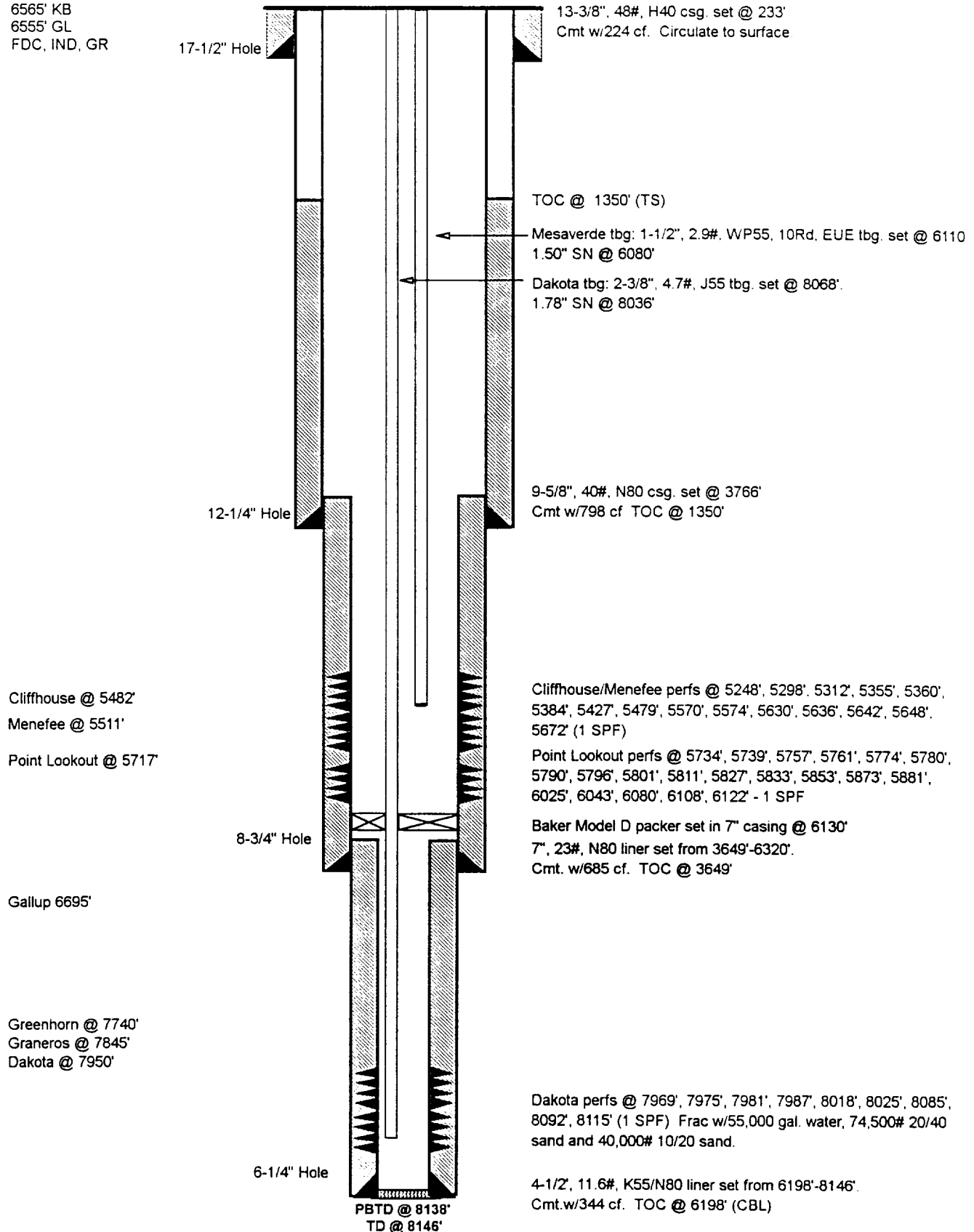
DPNO: 52956A - Dakota

52956B - Mesaverde

1780' FSL, 1780' FWL

Sec. 13, T32N, R07W, San Juan County, NM

Spud: 11/19/80
Completed : 6/24/81
Elevation: 6565' KB
6555' GL
Logs: FDC, IND, GR



ALLISON UNIT #57
DPNO: 52956A/B
Mesaverde / Dakota
1780' FSL, 1780' FWL
Unit K, Sec. 13, T32N, R07W, San Juan County, NM

Dakota tubing:

1 joint tubing. (2-3/8") @ 8068'
1.78" SN @ 8036'
62 joints tubing (2-3/8")
Baker Model G-22 locator seal assembly at 6129' with 11,000# compression
10 jts. 2-3/8" blast joints
200 joints 2-3/8" tubing

WELLNAME: Allison Unit #57					DP NUMBER: 52956A - Dakota 52956B - Mesaverde PROP. NUMBER:																																																																		
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LOCATION: 1780' FSL, 1780' FWL Sec. 13, T32N, R07W San Juan County, NM					INITIAL POTENTIAL: MV 3,798 DK 3,513 Mcfd INITIAL SITP: 1,100 1,520																																																																		
OWNERSHIP: GWI: 54.0568% NRI: 45.5445% SJBT: 0.1776% (RI)					DRILLING: SPUD DATE: 11/19/80 COMPLETED: 6/24/81 TOTAL DEPTH: 8146' PBD: 8138'																																																																		
CASING RECORD: <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;">HOLE SIZE</th> <th style="text-align: left; border-bottom: 1px solid black;">SIZE</th> <th style="text-align: left; border-bottom: 1px solid black;">WEIGHT</th> <th style="text-align: left; border-bottom: 1px solid black;">GRADE</th> <th style="text-align: left; border-bottom: 1px solid black;">DEPTH</th> <th style="text-align: left; border-bottom: 1px solid black;">EQUIP.</th> <th style="text-align: left; border-bottom: 1px solid black;">CEMENT</th> <th style="text-align: left; border-bottom: 1px solid black;">TOC</th> </tr> </thead> <tbody> <tr> <td>17-1/2"</td> <td>13-3/8"</td> <td>48#</td> <td>H40</td> <td>233'</td> <td>Casing</td> <td>244 cf</td> <td>Surface</td> </tr> <tr> <td>12-1/4"</td> <td>9-5/8"</td> <td>40#</td> <td>N80</td> <td>3766'</td> <td>Casing</td> <td>798 cf</td> <td>1350' (TS)</td> </tr> <tr> <td>8-3/4"</td> <td>7"</td> <td>23#</td> <td>N80</td> <td>3649'-6320'</td> <td>Liner</td> <td>685 cf</td> <td>3649'</td> </tr> <tr> <td>6-1/4"</td> <td>4-1/2"</td> <td>11.6#</td> <td>K55/N80</td> <td>6198'-8146'</td> <td>Liner</td> <td>344 cf</td> <td>6198' (CBL)</td> </tr> <tr> <td></td> <td>2-3/8"</td> <td>4.7#</td> <td>J55</td> <td>8068'</td> <td colspan="3">Tubing-1.78" SN @ 8036'</td> </tr> <tr> <td></td> <td>1-1/2"</td> <td>2.9#</td> <td>WP55, 10Rd</td> <td>6110'</td> <td colspan="3">EUE Tubing - 1.50" SN @ 6080'</td> </tr> <tr> <td colspan="8">Baker Model D packer in 7" casing @ 6130'</td> </tr> </tbody> </table>								HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC	17-1/2"	13-3/8"	48#	H40	233'	Casing	244 cf	Surface	12-1/4"	9-5/8"	40#	N80	3766'	Casing	798 cf	1350' (TS)	8-3/4"	7"	23#	N80	3649'-6320'	Liner	685 cf	3649'	6-1/4"	4-1/2"	11.6#	K55/N80	6198'-8146'	Liner	344 cf	6198' (CBL)		2-3/8"	4.7#	J55	8068'	Tubing-1.78" SN @ 8036'				1-1/2"	2.9#	WP55, 10Rd	6110'	EUE Tubing - 1.50" SN @ 6080'			Baker Model D packer in 7" casing @ 6130'							
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PERFORATIONS Point Lookout 5734', 5739', 5757', 5761', 5780', 5790', 5796', 5801', 5811', 5833', 5853', 5873', 5881', 6025', 6043', 6080', 6108', 6122', - 1 SPF CH/Menefee 5248', 5298', 5312', 5355', 5360', 5384', 5427', 5479', 5570', 5574', 5630', 5636', 5642', 5648', 5672 - 1 SPF Dakota 7969', 7975', 7981', 7987', 8018', 8025', 8085', 8092', 8115' - 1 SPF																																																																							
STIMULATION: Point Lookout Frac w/110,000 gal. water, 55,000# 20/40 sand CH/Menefee Frac w/79,000 gal. water, 39,500# 20/40 sand. Dakota Frac w/55,000 gal. 50# Mini-max III, 74,500# 20/40 sand and 40,000# 10/20 sand.																																																																							
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