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

Sundry Notices and Reports on Wells

API # (assigned by OCD)
30-045-24413

1. **Type of Well**
GAS

5. **Lease Number**

6. **State Oil&Gas Lease #**
E-503-8

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

7. **Lease Name/Unit Name**
Allison Unit

8. **Well No.**
5A

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

9. **Pool Name or Wildcat**
Blanco MV/Basin DK

4. **Location of Well, Footage, Sec., T, R, M**
1870'FSL, 1070'FEL, Sec.16, T-32-N, R-7-W, NMPM, San Juan County
I

10. **Elevation:**

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, commingle	

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 [signature] (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 NSL Order

WORKOVER PROCEDURE
Tubing Repair/Commingle

ALLISON UNIT #5A
DPNO: 52892A/B
Dakota / Mesaverde
870' FSL, 1070' FEL
Sec. 16, 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" Mesaverde 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 8100' 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 6155'. 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 7700' and from 6150' to 5200'. Tie GR/CCL to formation density log. RIH with 3-1/8" perforating guns on wireline. Perforate Dakota with 4 SPF at 8066'-8081', 7995'-8003', 7935'-7960'. POOH with guns. RIH with 4" casing guns and perforate the Point Lookout and Menefee with 2 SPF at 5747'-5754', 5698'-5726', 5686'-5693', 5664'-5678', 5563'-5600'. POOH and RDMO wireline company.

7. RIH with Sonic Hammer Tool, Baker Injection Control Valve and Baker Rotational Equalizing Valve on 2-3/8" workstring to 8081'. 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:
8066' - 8081': 480 gallons
7995' - 8003': 270 gallons
7935' - 7960': 780 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 5750' and spot 250 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:

5747' - 5754'	240 gallons
5698' - 5726'	870 gallons
5686' - 5693'	240 gallons
5664' - 5678'	450 gallons
5563' - 5600'	1140 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 tubing in derrick. RIH with expendable check, 1 joint 2-3/8" tubing, SN, and 2-3/8" tubing to approximately 8070'. ND BOP, NU wellhead. 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	Office
		564-1653	Pager
Production Foreman	Cliff Brock	326-9818	Office
		326-8872	Pager

ALLISON UNIT #5A

Recommended Vendors

Service	Vendor	Telephone #
Perforating	Basin Perforating	505-327-5244
Stimulation	B. J. Services	505-327-6222
Sonic Hammer	Fluidic Technology	915-580-0163

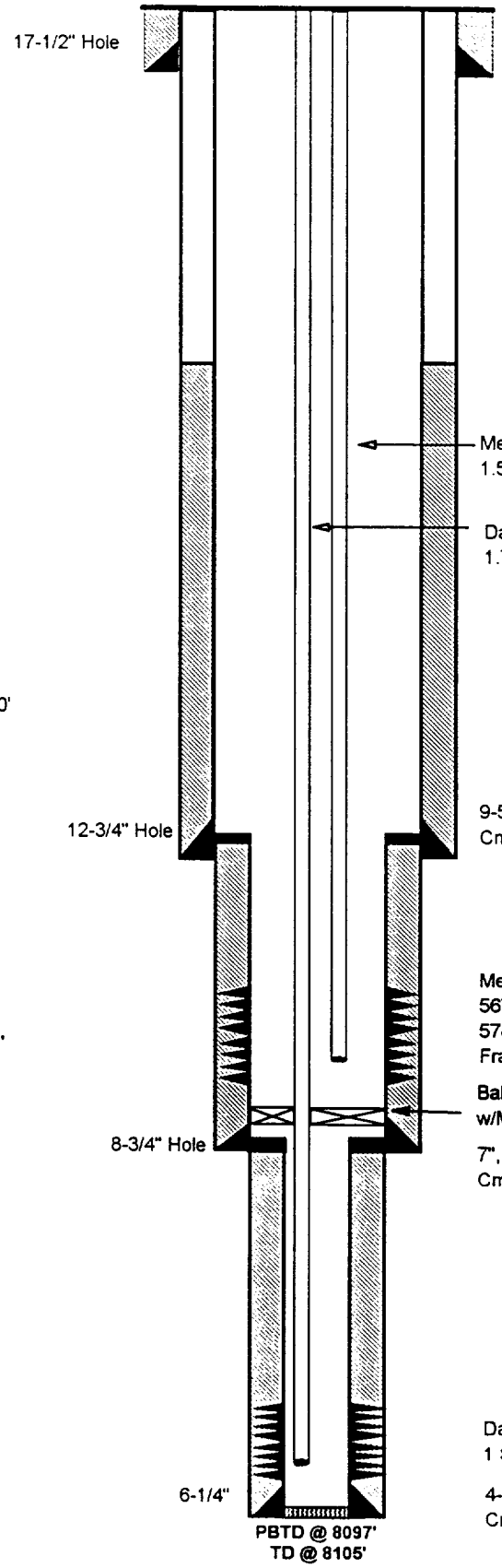
Allison Unit #5A

Current -- 10/2/96

DPNO: 52892A - Dakota
52892B -Mesaverde

1870' FSL, 1070' FEL
Sec. 16, T32N, R07W, San Juan County, NM
Lat. / Long.: 107.566742 - 36.977921

Spud: 11/4/80
Completed : 6/25/81
Elevation: 6481' KB
6471' GL
Logs: GR, IND, Density



Ojo Alamo @ 2130'
Kirtland @ 2245'

Fruitland @ 2926'

Pictured Cliffs @ 3220'

Cliffhouse @ 5025'

Menefee @ 5420'

Point Lookout @ 5651'

Gallup @ 6930'

Greenhorn @ 7745'
Graneros @ 7796'

Dakota @ 7920'

WELLNAME:	Allison Unit #5A	**DP NUMBER:**	52892A - DK 52892B - MV
		PROP. NUMBER:	
WELL TYPE:	Blanco Mesaverde Basin Dakota	**ELEVATION:**	KB 6481' GL 6471'
LOCATION:	1870' FSL, 1070' FEL Sec. 16, T32N, 07W San Juan County, NM	**INITIAL TEST:**	MV 2,614 / DK 982 Mcfd
		INITIAL SITP:	1000 / 1,760 Psi
OWNERSHIP: (Dakota)	GWI: 54.0568% NRI: 46.0523% SJBT: 0.1454% (RI)	**DRILLING:**	SPUD DATE: 11/4/80 COMPLETED: 6/25/81 TOTAL DEPTH: 8105' PBTD: 8097'

CASING RECORD:

HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC
17-1/2"	12-3/8"	48#	H40	221'	Casing	325 cf	Circ to Surface
12-1/4"	9-5/8"	40#	N80	3645	Casing	952 cf	1250' (Calc)
8-3/4"	7"	23#	N80	3540'-6270'	Liner	344 cf	3540'
6-1/4"	4-1/2"	11.6#	N80/K55	6155'-8105'	Liner	710 cf	6155'
	2-3/8"	4.7#	J55, EUE	8061'	Dakota Tubing 1.781" SN @ 8029'		
	1-1/2"	2.9#	J55, EUE	6064'	MV Tubing - 10Rd, 1.5" SN @ 6032', orange peeled tbg. on btm.		

Baker Model D packer set @ 6135' w/Model G-22 locater seal assembly

FORMATION TOPS:

Ojo Alamo	2130'	Point Lookout	5651'
Kirtland	2245'	Gallup	6930'
Fruitland Coal	2926'	Greenhorn	7745'
Pictured Cliffs	3220'	Graneros	7796'
Cliffhouse	5025'	Dakota	7920'
Menefee	5420'		

LOGGING: GR, IND, Density

PERFORATIONS

Dakota: 7943', 7951', 7959', 7995', 8003', 8011', 8080' - 1 SPF

Mesaverde: 5415', 5573', 5584', 5592', 5600', 5669', 5674', 5693', 5704', 5710', 5714', 5720', 5726', 5754', 5771', 5785', 5793', 5815', 5840', 5851', 6011', 6088', 6120' - 1 SPF

STIMULATION:

Dakota: Frac w/50,200 gal. water, 67,500# 20/40 sand

Mesaverde: Frac w/150,000 gal. 75,000# 20/40 sand.

WORKOVER HISTORY: None

PRODUCTION HISTORY:

	MV Gas	DK Gas	
Cumulative as of 7/96:	1,927	636	MMcf
Current as of 9/96:	242	41	Mcfd

RESERVE INFORMATION:

	MV Gas	DK Gas	
Gross EUR	4,042	772	MMcf
Gross Remaining Reserves	2,115	136	MMcf

PIPELINE: Williams Field Service