

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

Sundry Notices and Reports on Wells


<p>1. Type of Well GAS</p> <hr/> <p>2. Name of Operator BURLINGTON RESOURCES OIL & GAS COMPANY</p> <hr/> <p>3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <hr/> <p>4. Location of Well, Footage, Sec., T, R, M 1180' FSL 1500' FWL, Sec. 13, T-27-N, R-6-W, NMPM, Rio Arriba County</p>	<p>API # (assigned by OCD) 30-039-20669</p> <p>5. Lease Number Fee</p> <p>6. State Oil&Gas Lease #</p> <p>7. Lease Name/Unit Name San Juan 28-6 Unit</p> <p>8. Well No. 179</p> <p>9. Pool Name or Wildcat Dakota/Gallup</p> <p>10. Elevation:</p>
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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 -

13. Describe Proposed or Completed Operations

It is intended to do a press build-up test on the Gallup formation of the subject well according to the attached procedure and wellbore diagram.

RECEIVED
DEC 16 1998
OIL CON. DIV.
DIST. 3

SIGNATURE  Regulatory Administrator December 14, 1998

TLW

(This space for State Use)

DEPUTY OIL & GAS INSPECTOR, DIST. #3

DEC 16 1998

Approved by ORIGINAL SIGNED BY LORNE BUSCH Title _____ Date _____

San Juan 28-6 Unit #179
Burlington Resources Oil & Gas
Gallup Recompletion
UnitN-Sec13-T27N-R06W
Lat: 36° 34' 14"
Long: 107° 25' 19"

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- Comply with all BLM, NMOCD, & BR rules & regulations.
 - **Always Hold Safety Meetings.** Place fire and safety equipment in strategic locations.
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San Juan 28-6 Unit #179 is currently producing from the Gallup at ~ 70 MCFD. Production is intermittent and requires frequent blow-downs to keep the well unloaded. Approximately 6 months of Gallup only production has been monitored in order to help evaluate the Gallup potential and define the Gallup/Dakota commingling allocation. This procedure entails a 60 day pressure build-up test on the Gallup interval, with down-hole shut-in. A procedure to drill the CIBP above the Dakota perforations and commingle the Gallup/Dakota production will follow.

1. Record and report pressures on tubing, casing, and bradenhead. Blow down and unload well. Record pressures after blowdown, and maintain consistent flowing backpressure by returning flow to sales from the casing side. Obtain gas samples at wellhead for compositional and BTU analyses.
Note: It is intended that well be kept live and flowing to sales until packer is set in step 4.
2. MIRU. RU WLU with blanking plug. Test lubricator and GIH to set plug in SN at 6904.1' RKB (RKB - THF = 12'). Bleed off tbg. ND tree and NU BOP, stripping head and blooie line.
3. Strip out of hole and lay down 1-1/2" 2.9# J-55 tubing set at 6937' (214 joints).
4. RU Schlumberger with slotted carrier containing 2 quartz gauges equipped with 1 extended life battery/gauge on wireline set tubing retrievable bridge plug. GIH with BP to approximately 6250' RKB. Allow 2 hours for gauges to stabilize at bottom hole temperature and set BP. Bleed off casing, shut-in, and observe pressures for 3 hrs for indications of plug or packer leakage. ND BOP and NU WH. RDMO rig for 60 day build-up.

Recommended: NR Roberts 12/3/98
Reservoir Engineer

Approved: PJ B... 12/3/98
Drilling Superintendent

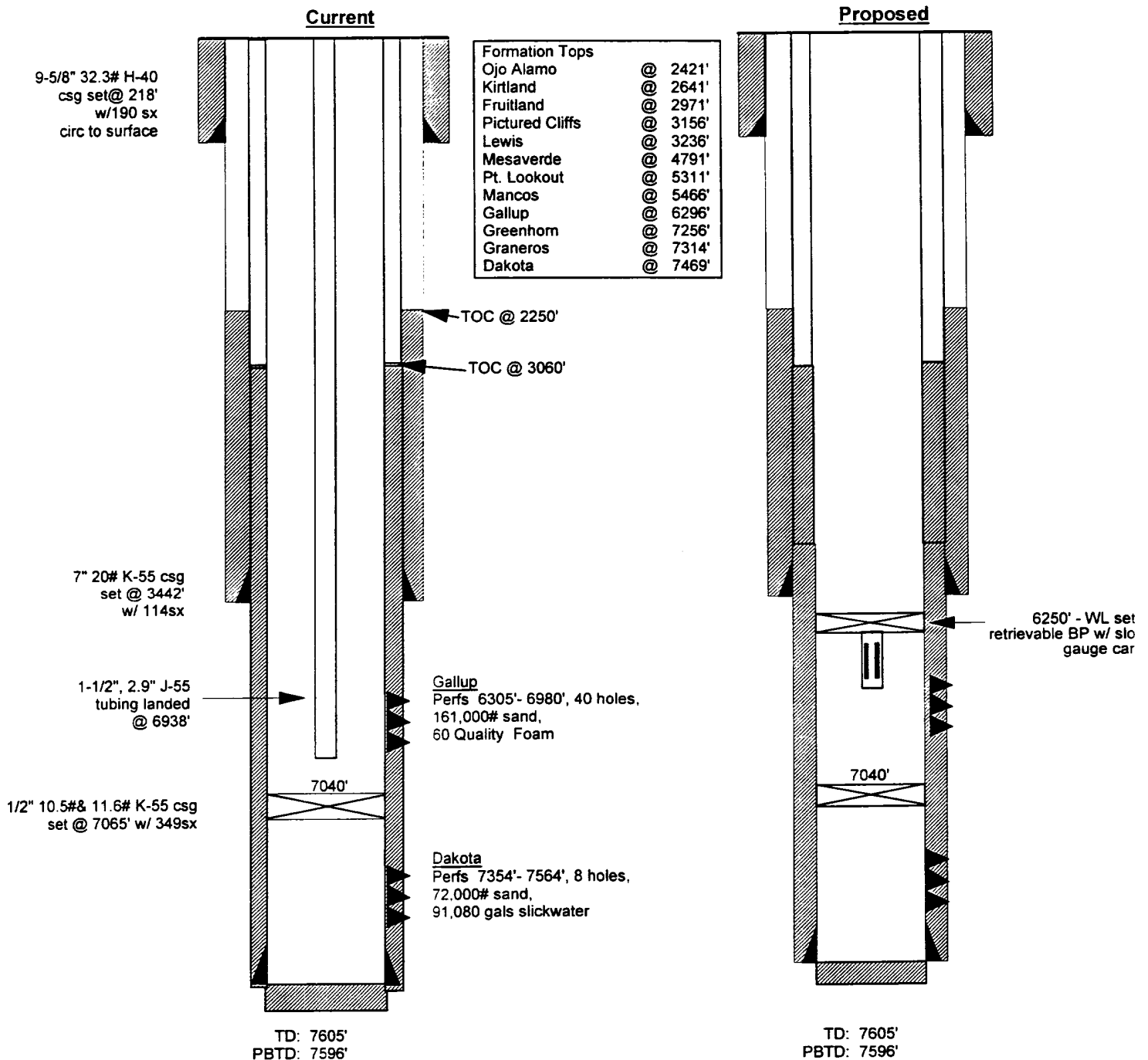
Approved: [Signature] 12/3/98
Team Leader

Contact:

Neale Roberts 326-9856 (work) 564-3116 (home)

San Juan 28-6 Unit #179

Gallup/Dakota Commingle
Unit N, Section 13, T27N, R06W
Rio Arriba County, NM
Elevation: 6419' GL
LAT: 36 34' 14"
LONG: 107 25' 19"
Date Spud: 7-1-73



Pertinent Data Sheet - San Juan 28-6 Unit # 179

N 13 T27N R06W

Location: 1180' FNL & 1500' FWL, Unit N, Section 13, T27N, R06W, Rio Arriba County, New Mexico

Field: Basin Dakota/Wildcat Gallup

Elevation:

6419' GL

6431' KB

TD: 7605'

PBTD: 7596'

Lease#: SF-079363

DP #: 44085A (DK)/44085B (GA)

Prop#: 007970300 (DK)/071874301 (GA)

Dakota

Gallup

GWI: 56.65% **NRI:** 46.14%

GWI: 82.64% **NRI:** 65.14%

Spud Date: 7/1/73

Casing Record:

<u>Hole Size</u>	<u>Csg Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>	<u>Cement</u>	<u>Cement (Top)</u>
12-1/4"	9-5/8"	32.3# H-40	218'	190 sx	Circ 12 BBL Cmt
8-3/4"	7"	20.0# K-55	3442'	114 sx	2250'
6-1/4"	4-1/2"	10.5# K-55	6469'	Total of	
6-1/4"	4-1/2"	11.6# K-55	7605'	349 sx	3060'

Tubing Record:

1-1/2"

2.9# K-55

6938'

CIBP @ 7040'

Formation Tops:

Ojo Alamo:	2421'	Lewis	3236'	Gallup	6296'
Kirtland Shale:	2641'	Mesaverde	4791'	Greenhorn	7256'
Fruitland:	2971'	Point Lookout	5311'	Graneros	7314'
Pictured Cliffs:	3156'	Mancos	5466'	Dakota	7469'

Logging Record: Induction Log, Density-Neutron Log, Temperature Survey

Stimulation: Perf'd Dakota w/1 spf @ 7354', 7428', 7464', 7466', 7500', 7526', 7528', 7564'. Total 8 holes. Frac'd w/72,000# 40/60 sand in 91,080 gal slickwater.

Workover History: Perf'd lower Gallup w/ 1 spf @ 6625', 6640', 6655', 6670', 6680', 6695', 6710', 6725', 6735', 6775', 6795', 6820', 6835', 6850', 6880', 6895', 6945', 6955', 6968', 6980'. Total 20 holes. Frac'd w/ 56,000# sand in 60Q 25# crosslinked gel.

Perf'd upper Gallup w/ 1 spf @ 6305', 6315', 6325', 6375', 6385', 6395', 6405', 6415', 6425', 6435', 6475', 6485', 6495', 6505', 6515', 6525', 6545', 6555', 6565', 6575'. Total 20 holes. Frac'd w/ 105,000# 60Q 25# crosslink gel.

Production History: Dakota in this well has an EUR of 1.577 BCF with remaining reserves of 233MMCF. The well is producing at 61 MCFD.

Pipeline: El Paso Natural Gas - Gas
Giant - Oil/ Condensate