

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well
GAS

2. Name of Operator

**BURLINGTON
RESOURCES**

OIL & GAS COMPANY

3. Address & Phone No. of Operator

PO Box 4239, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

1190' FNL 2040' FWL, Sec.6, T-27-N, R-5-W, NMPM

5. Lease Number
SF-079393

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name
San Juan 27-5 Unit

8. Well Name & Number
San Juan 27-5 U 45A

9. API Well No.
30-039-23702

10. Field and Pool
Blanco Mesa Verde

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

☒ Notice of Intent

☐ Abandonment

☐ Change of Plans

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

☒ Other - spinner survey

13. Describe Proposed or Completed Operations

It is intended to run a spinner survey on the subject well according to the attached procedure and wellbore diagram.

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

Signed *Reggie Marshall* (SCOPPS) Title Regulatory Administrator Date 6/23/98
TLW

(This space for Federal or State Office use)

APPROVED BY /s/ Duane W. Spencer Title _____ Date JUL - 1 1998

CONDITION OF APPROVAL, if any:

San Juan 27-5 No. 45-A
Spinner Survey Procedure
C 6 27N 05W
Rio Arriba Co., NM
Latitude: 36 deg., 36.42 min
Longitude: 107 deg., 24.00 min.

Summary:

The San Juan 27-5 No. 45-A is a 1985 completion in the Lewis, Massive Cliffhouse, and Point Lookout formations. The Lewis shale team will perform a spinner survey on the subject well in order to quantify the amount of gas produced by the Lewis shale interval. The spinner survey will be run using Schlumberger's AIT diverter spinner tool.

Lewis Shale Data Gathering:

Of all the Lewis commingled completions in the San Juan Basin operated or held partly by Burlington Resources, 20 spinner surveys have been performed in an attempt to better quantify the productivity of the Lewis shale interval. The survey run on San Juan 27-5 No. 45-A will aid in mapping out the productive zones of the Lewis shale. Combining the data collected from this survey with the other nearby spinner survey wells may allow for the pinpointing of intervals to be completed in offset, non-Lewis payadd wells.

- Comply with all NMOCD, BLM, and BR regulations. Conduct daily safety meetings for all personnel on location. **DO NOT KILL WELL. ANY FLUIDS IN THE WELLBORE WILL INVALIDATE DATA COLLECTED. BEFORE PUMPING ANY FLUIDS IN THE HOLE, CONTACT LOUIS CHEMIN OR STEVE CAMPBELL TO DISCUSS ALTERNATIVES.**
- Inspect location and wellhead and install all rig anchors prior to MOL and RU.


Spinner Survey Test:

- 1) MOL, hold safety meeting. Insure that all safety equipment is properly functioning and adequately located. RU slickline unit. SI Master valve. ND bullplug on flowtee. RU full lubricator and test to 1500psi. Open master valve. RIH w/ slickline and set tubing choke in SN @ 5826' (1.78" I.D.). RD slickline unit. SI master valve.
- 2) RU workover unit. Inspect safety equipment to insure proper location and working order. ND wellhead and NU 7 1/16" 3M BOP, stripping head and blooie line to pit. Flow well through the casing valve and blow well through blooie line to pit. Strip 181 jts. 2 3/8", 4.7#, J-55 tubing through stripping head and stand back. ND stripping head. SI master valve.


KEEP WELL ON PRODUCTION DURING THE ENTIRE SPINNER SURVEY.

- 3) RU Schlumberger wireline unit. RU full lubricator and test to 1500psi. Open rams on BOP and RIH w/ AIT diverter spinner tool /GR/CCL. Use logs provided by the engineer on location to correlate depth.
- 4) Take spinner survey readings from the top of the upper Lewis perforations to the top of the Massive Cliffhouse perforations at the following intervals: 4235', 4265', 4320', 4420', and 4900'.
- 5) POOH w/ spinner tool/GR/CCL and SI rams on BOP. RD full lubricator. RD and release Schlumberger.
- 6) NU stripping head. Open rams on BOP. Strip 181 jts. 2 3/8", 4.7#, J-55 tubing through stripping head and land tubing @ 5859'. ND stripping head, BOP, and blooie line. NU wellhead. RD and release rig. RU slickline unit and full lubricator. Test lubricator to 1500psi. RIH and retrieve tubing choke set in SN @ 5826'. POOH w/ tubing choke. SI master valve. RD slickline unit and full lubricator.
- 7) NU bullplug and flowtee. Open master valve and put well on production.

San Juan 27-5 No. 45-A
Lewis Spinner Survey Procedure
C 6 27N 05W
Rio Arriba Co., NM
Latitude: 36 deg., 36.42 min.
Longitude: 107 deg., 24 min.

Recommend: 
Summer Intern

Approve: Bruce D. Boyer 6-19-98
Drilling Superintendent

Approve:  6/11/98
Team Leader

VENDORS:

Wireline:	Schlumberger	325-5006
Slickline:	Expert Downhole Services	327-7871

Louis Chemin	Office - 599-4051	Home - 564-9417	
Steve Campbell	Office - 326-9546	Home - 325-8218	Pager - 564-1902
Hans Dube	Office - 326-9555	Home - 564-9401	
Glen Christiansen	Office - 326-9733	Home - 327-5089	

San Juan 27-5 #45-A
Pertinent Data Sheet

Location: 1190' FNL 2040' FWL, Unit C T27N R05W Section 6, Rio Arriba Co., New Mexico

Latitude: 36° 36.42" N

Longitude: 107° 24" W

Field: Blanco Mesa Verde

Elevation: GL: 6489'
KB:6503'

TD: 5930'
PBTD: 5911'

Spud Date: 5/26/85

Completed: 6/27/85

DP No.:53975A
Lease:891000950A
GWI: 67.5%
NRI: 56.8%
Prop#: 007972700

Initial Potential: 3220mcfgd, sicp 886

Casing/Liner Record:

<u>Hole size:</u>	<u>Casing Size:</u>	<u>#jts.:</u>	<u>Weight & Grade</u>	<u>Set @</u>	<u>Cement</u>	<u>Top Cement</u>
13 1/4"	9 5/8"	5	36#, K-55	230'	120sx	Circ.Cmt.
8 3/4"	7"	88	20#, K-55	3606'	187sx	1800' (T.S.)
6 1/4"	4 1/2"	60	9.5#, K-55	3448'-5927'	336sx	reversed out 15 Bbl.

Tubing Record:

<u>Size:</u>	<u>jts.</u>	<u>Weight & Grade:</u>	<u>Set@</u>	<u>Nipple</u>
2 3/8"	181	4.7#, J-55	5859'	Seating Nipple (1.78" I.D.)@ 5826'

Formation Tops: Estimated:

Ojo Alamo	2655'	Lewis: 3405'
Kirtland	2735'	Cliffhouse 4960'
Fruitland	3025'	Menefee 5140'
Pictured Cliffs	3285'	Pt. Lookout 5476'

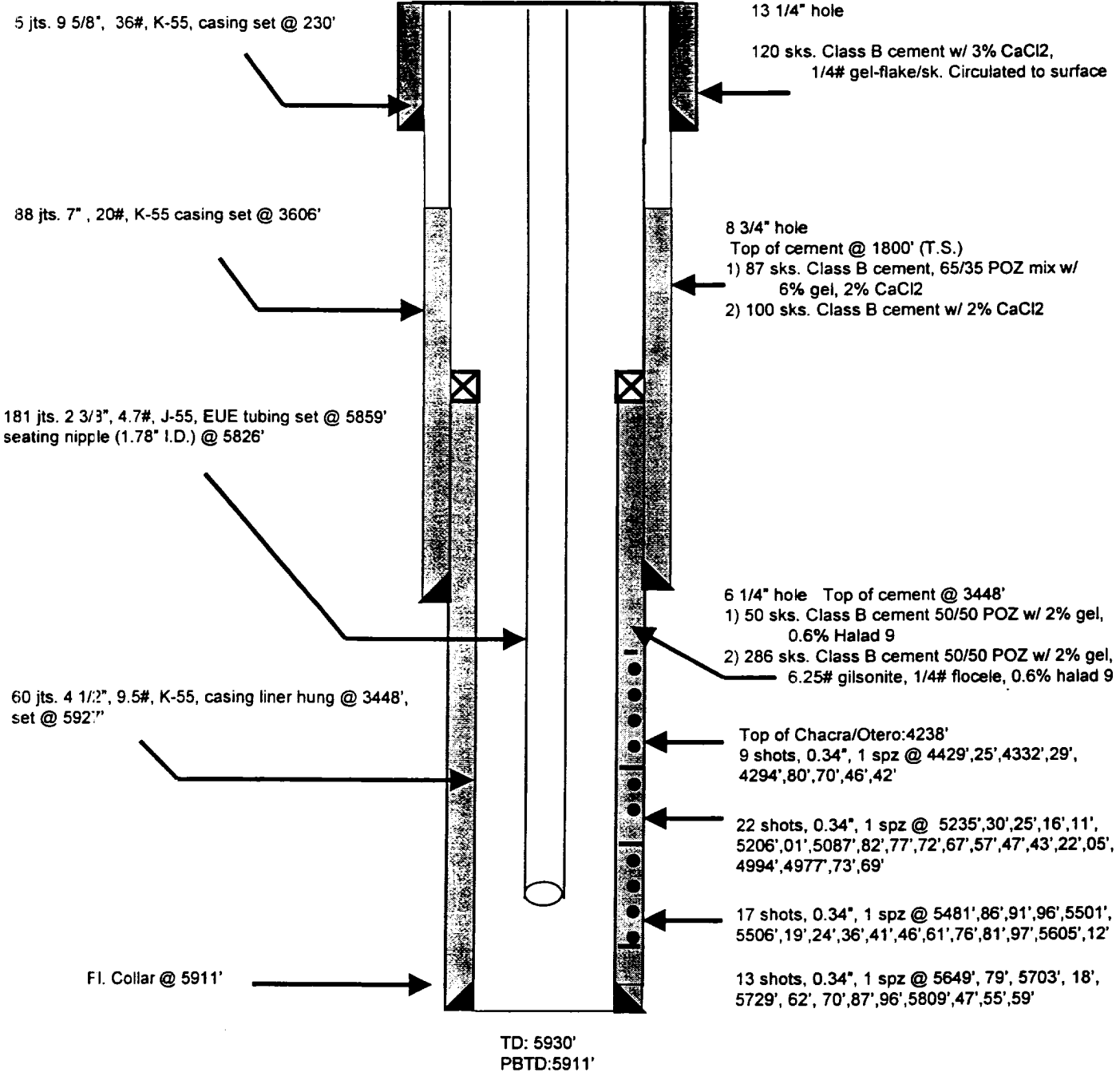
Logging Record: Dual induction Gamma Ray, Cyberlook, Temperature, Formation Density Sidewall Neutron

Stimulation of Lewis Interval: Fraced with freshwater. 1)10500gal 3200psi 20BPM 18 ball bd/bo
2) 6500gal 2100psi 20BPM pad 3)8000gal 2000psi 20BPM 0.5ppg 20/40sand 4)6250gal 1800psi 20BPM
1ppg 20/40sand 5)6430gal 1500psi 20BPM flush

Workover History: As originally completed

Pipeline: WFS (Williams Field Services)

San Juan 27-5 No. 45-A
T27N R05W Sec. 6
Rio Arriba Co., NM
Latitude: 36° 36.42"
Longitude: 107° 24"



Lewis stimulation: Frac fluid: freshwater 1)10500gal 3200psi 20 BPM 18 ball bd/bo 2)6500gal 2100psi 20BPM pad 3)8000gal 2000psi 20BPM 0.5ppg 20/40sand 4)6250gal 1800psi 20BPM 1ppg 20/40sand 5)6430gal 1500psi 20BPM flush