

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
MERIDIAN OIL

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

4. Location of Well, Footage, Sec., T, R, M
890' FNL, 990' FEL, Sec.13, T-27-N, R-5-W, NMPM

5. Lease Number
SF-079492A

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 #91

9. API Well No.
30-039-07095

10. Field and Pool
Blanco Mesaverde

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

<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 - Sidetrack	

13. Describe Proposed or Completed Operations

It is intended to sidetrack the subject Mesaverde well. The well is located in a standard producing area. The Kick-Off Point of the well will be @ 3875'; the TVD will be 6200'; the Open-Hole Section will be 2325' (TVD); and the Maximum Vertical Section of the new wellbore will remain within the San Juan 27-5 Unit. Subsequent sundry notices will be provided with a Deviation Report that includes the mathematical maximum vertical section (calculated) from the existing wellbore.

It is intended to workover the well in the following manner:
TOOH w/ tubing. Set 5-1/2" cement retainer 50' above Mesaverde formation @ 5394'. Squeeze Mesaverde perforations with 141 sx Class "B" cement (100% excess). Run CBL/CCL/GR. Set 7-5/8" CIBP @ 3875' above 5-1/2" liner. A 7-5/8" whipstock will then be set in the well @ 3875'. A window will be cut in the 7-5/8" casing and the well will be sidetracked to a new TD of 6200' with a 6-1/4" hole. At that time, 4-1/2" 10.50# K-55 STC casing will be run from TD to surface and cemented with 292 sx 50/50 Class "B" Poz w/ 0.3% dispersant, 1/4 pps cellophane, 3 pps gilsonite. The Mesaverde will be selectively perforated and fracture stimulated. Tubing will be run into the well and the well will be returned to production.

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

Signed [Signature] (KAS9) Title Regulatory Administrator Date 6/4/96

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

JUN 06 1996

DISTRICT MANAGER

NMOCD

San Juan 27-5 Unit #91

Unit A, Sec 13, T-27-N, R-5-W

Location: 890' FNL, 990' FEL
Rio Arriba County, NM

Latitude: 36-34-39
Longitude: 107-18-12

Current Field: Blanco MV
Spud: 10/13/62
Elev GL: 6868'
TD: 6076'

Logs Run: GR-Ind
Completed: 11/ 4/62
Elev KB: 6878'
PBTD: 6038'

CASING RECORD:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Depth Set</u>	<u>Cmt Vol</u>	<u>Cmt Top</u>
15"	10-3/4"	32.75#	H-40	125'	115 sks	Surf
9-7/8"	7-5/8"	26.4#	J-55	3985'	165 sks	

LINER RECORD:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Depth Set</u>	<u>Cmt Vol</u>	<u>Cmt Top</u>
6-3/4"	5-1/2"	15.5#	J-55	3880' - 6075'	216 sks	

TUBING RECORD:

<u>Tubing Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Depth Set</u>	<u>Joints</u>	<u>Other</u>	<u>Depth</u>
1-1/4"	1.25#	J--55	6017'	186		

FORMATION TOPS:

Ojo Alamo	3103'	Pictured Cliffs	3723'	Pt Lookout	5892'
Kirtland	3281'	Cliffhouse	5464'	Gallup	
Fruitland	3488'	Menefee	5533'	Dakota	

Completions:

Mesaverde - CH/PL
5444-84, 5504-08, 5972-76, 5988-92, 6014-18 (3 spf)
78,000# sand, 60 balls, and 73,532 gal water
1146 2448

Cementing Information

Workover History:

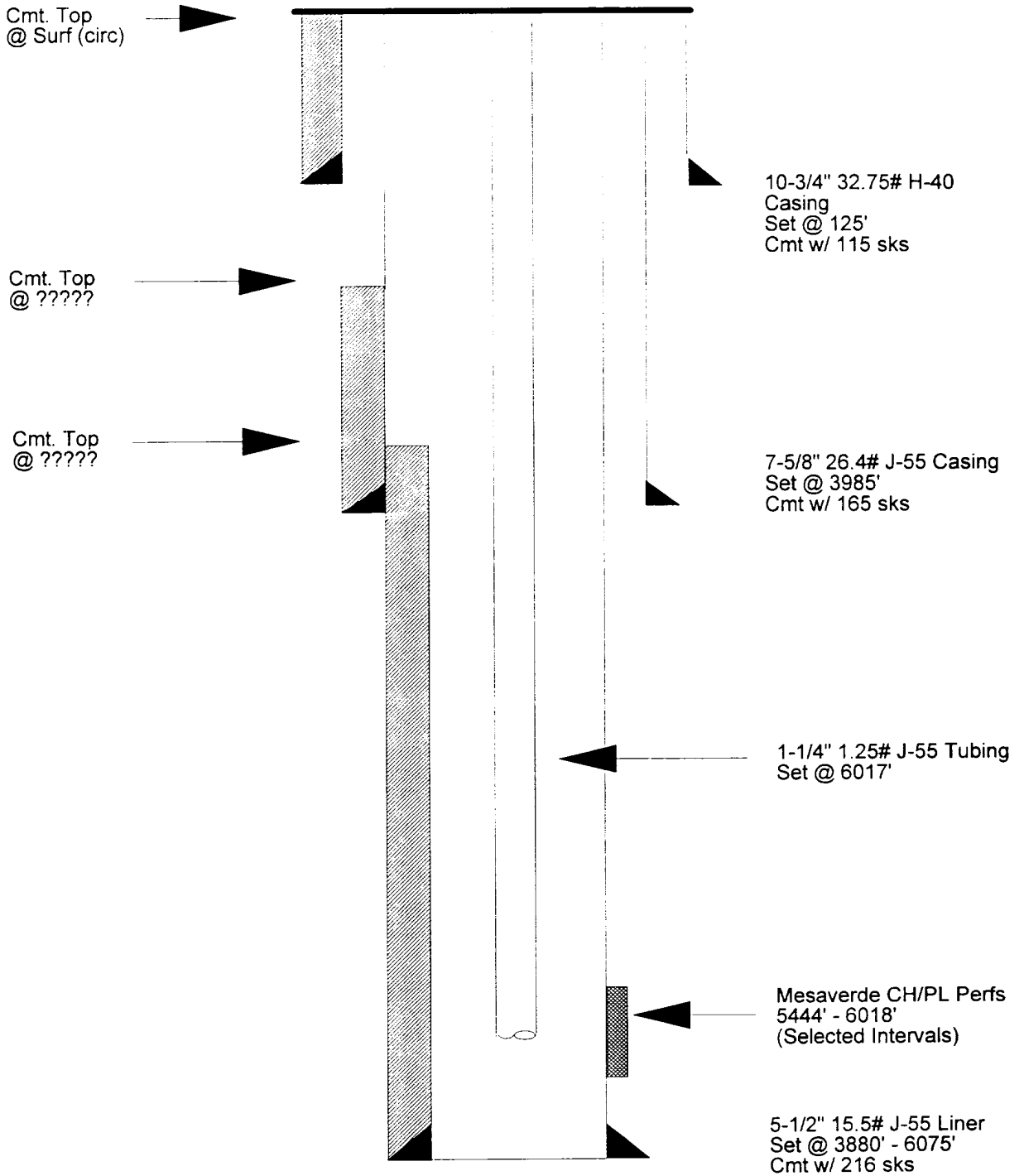
N/A

LLL:rjp 5/15/96

SAN JUAN 27-5 UNIT #91

Unit A, Section 13, T-27-N, R-5-W
Lat. 36-34-39, Long. 107-18-21

CURRENT WELLBORE SCHEMATIC



TD @ 6076'
PBSD @ 6038'



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Farmington District Office
1235 La Plata Highway
Farmington, New Mexico 87401

IN REPLY REFER TO:

Attachment to Notice of

Intention to Workover

Re: Sidetrack

Well: 91 San Juan 27-5 Unit

CONDITIONS OF APPROVAL

1. An additional cement plug is required from 4035' to 3935' inside the 5 1/2' casing. (7-5/8" csg. set at 3985')
2. **Mike Flaniken** with the Farmington District Office is to be notified at least 24 hours before the workover operations commence (505) 599-8907.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
DEM

Sundry Notices and Reports on Wells

070 FARMINGTON, NM

1. Type of Well
GAS

RECEIVED
AUG 26 1996

2. Name of Operator
MERIDIAN OIL

OIL CON. DIV.
DIST. 3

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

4. Location of Well, Footage, Sec., T, R, M
890' FNL, 990' FEL, Sec. 13, T-27-N, R-5-W, NMPM

5. Lease Number
SF-079492A

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
San Juan 27-5 U #91

9. API Well No.
30-039-07095

10. Field and Pool
Blanco Mesaverde

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
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other - Sidetrack
	<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

7-22-96 MIRU. ND WH. NU BOP. TOOH w/186 jts 1 1/2" tbg. SDON.
7-23-96 TIH w/5 1/2" cmt retainer, set @ 5383'. PT tbg to 2000 psi/15 min, OK. Circ hole clean w/208 bbl wtr. PT csg to 1000 psi/15 min, OK. Establish injection into Mesaverde perfs. Plug #1: pump 144 sx Class "B" cmt below cmt retainer, into Mesaverde perfs. Sqz to 400 psi. TOOH. TIH, ran CBL-CCL-GR w/1000 psi @ 0-3950', TOC @ 3630'. SDON.
7-24-96 TIH to 4034'. Plug #2: pump 19 sx Class "B" cmt @ 3866-4034'. TOOH to 3864'. Reverse circ clean w/30 bbl wtr. TOOH. TIH w/7 5/8" CIBP, set @ 3856'. TOOH. ND BOP. NU WH. Load hole. PT csg to 1000 psi, OK. RD. Rig released.
8-1-96 MIRU. PT 7 5/8" csg to 1000 psi, OK. TIH w/whipstock & starting mill. Blow well & CO. TIH, tag CIBP @ 3861'. Set whipstock @ 3861'. Establish circ. Mill window @ 3847-3849'. Blow well & CO. TOOH. TIH w/mill. Establish circ.
8-2-96 Mill window @ 3849-3856'. Drill 4' of new hole to 3860'. Blow well & CO. TOOH. TIH, drill @ 3860-4284'.
8-3-96 Drill @ 4284-5097'.
8-4-96 Drill @ 5097-5540'.
8-5-96 Drill @ 5540-5930'.

Continued on back

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

Signed [Signature] Title Regulatory Administrator Date 8/15/96

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

ACCEPTED FOR RECORD

AUG 21 1996

FARMINGTON DISTRICT OFFICE
BY [Signature]

ENCLOSURE

8-6-96 Drill to TD @ 6400'. Blow well & CO. TOOH.
8-7-96 TIH w/154 jts 4 1/2" 10.5# K-55 ST&C csg, set @ 6399'. Circ hole clean. Cmt'd w/430 sx Class "B" 50/50 poz w/2% gel, 3 pps Gilsonite, 0.25 pps Flocele, 0.5% fluid loss (563 cu.ft.). TIH, tag TOC @ 6249'. Drill cmt @ 6249-6355'. Circ hole clean. Load hole w/2% Kcl wtr.
8-8-96 Ran logs. Ran CBL @ 3400-6355', TOC in logged interval 3654'. PT 4 1/2" csg to 3800 psi, failed. TIH w/pkr, set @ 3800'. PT csg below pkr to 3800 psi, OK. PT csg above pkr to 3000 psi, OK. Reset pkr @ 60'. PT csg under pkr to 3800 psi, OK. Perf Point Lookout w/2 SPF @ 5933, 5960, 5974, 5981, 5986, 5988, 5990, 5992, 5994, 5996, 6012, 6014, 6018, 6032, 6038, 6040 w/32 holes total. Acidize w/1500 gal 15% Hcl. Frac Point Lookout w/2270 bbl slk wtr, 67,000# 20/40 Arizona sd. Set RBP @ 5700'. PT csg & RBP to 3800 psi, OK. Dump sd on top of RBP. Perf Cliff House @ 5458, 5460, 5462, 5464, 5478, 5480, 5482, 5484, 5486, 5494, 5498, 5500, 5502, 5504 w/0.31" diameter holes. Acidize w/1500 gal 15% Hcl. Frac Cliff House w/1900 bbl slk wtr, 53,000# 20/40 Arizona sd. TIH w/retrieving tool, blow well & CO.
8-9-96 Blow well & CO.
8-10-96 Blow well & CO. Latch RBP, TOOH. TIH, blow well & CO.
8-11/12-96 Blow well & CO.
8-13-96 Blow well & CO. TOOH. TIH w/197 jts 2 3/8" 4.7# J-55 tbg, landed @ 6031'. ND BOP. NU WH. RD. Rig released.

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
P O Drawer DD, Artesia, NM 88211-0719

District III
1000 Rio Brazos Rd., Aztec, NM 87416

District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals, & Natural Resources Department

Form C-104
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

OIL CONSERVATION DIVISION

PO Box 2088
Santa Fe, NM 87504-2088

☐ AMMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator Name and Address Burlington Resources Oil & Gas PO Box 4289 Farmington, NM 87499		OGRID Number 14538
		Reason for Filing Code CO - 7/11/96
API Number 30-039-7095	Pool Name BLANCO MESAVERDE (PRORATED GAS)	Pool Code 72319
Property Code 007454	Property Name SAN JUAN 27-5 UNIT	Well Number #91

II. ¹⁰ Surface Location

UT or lot no. A	Section 13	Township 027N	Range 005W	Lot.Idn	Feet from the 890	North-South Line N	Feet from the 990	East-West Line E	County RIO ARriba
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¹¹ Bottom Hole Location

UT or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North-South Line	Feet from the	East-West Line	County		
Use Code		Producing Method Code		Gas Connection Date		C-129 Permit Number		C-129 Effective Date		C-129 Expiration Date	

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
25244	WILLIAMS FIELD SERVICES CO P.O. BOX 58900 SALT LAKE CITY, UT 84158-0900		G	A-13-T027N-R005W
9018	Giant Industries 5764 US Hwy 64 Farmington, NM 87401	1620810	O	A-13-T027N-R005W

IV. Produced Water

POD	POD ULSTR Location and Description
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V. Well Completion Data

Spud Date	Ready Date	TD	PBTD	Perforations
Hole Size	Casing & Tubing Size	Depth Set	Sacks Cement	

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Tbg. Pressure	Csg. Pressure
Choke Size	Oil	Water	Gas	AOF	Test Method
I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Dolores Diaz</i>			OIL CONSERVATION DIVISION Approved by: Frank T. Chavez		
Printed Name: Dolores Diaz			Title: District Supervisor		
Title: Production Associate			Approved Date: July 11, 1996		
Date: 7/11/96		Phone: (505) 326-9700			
* If this is a change of operator fill in the OGRID number and name of the previous operator 14538 Meridian Oil Production					
Previous Operator Signature Signature: <i>Dolores Diaz</i>		Printed Name Dolores Diaz		Title Production Associate	Date 7-11-96

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. SF-079492A	
2. Name of Operator BURLINGTON RESOURCES OIL & GAS		6. If Indian, Allottee or Tribe Name	
3a. Address 3401 EAST 30TH FARMINGTON, NM 87402		7. If Unit or CA/Agreement, Name and/or No. SAN JUAN 27-5 UNI	
3b. Phone No. (include area code) Ph: 505-326-9727 Fax: 505-326-9563		8. Well Name and No. SAN JUAN 27-5 UNIT 91	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 13 T27N R5W Mer NENE 890FNL 990FEL		9. API Well No. 30-039-07095	
		10. Field and Pool, or Exploratory BLANCO MESAVERDE	
		11. County or Parish, and State RIO ARRIBA COUNTY, NM	

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input checked="" type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompletable horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

7-10-01 MIRU. SDON.

7-11-01 ND WH. NU BOP. TOOH w/2 3/8" tbg. TIH, perf Menefee w/2 SPF @ 5522-5838' w/30 holes total. TOOH. TIH w/4 1/2" RBP, set @ 5420'. Load hole w/2% KCl wtr. TOOH. TIH w/4 1/2" pkr, set @ 60'. Pt csg to 3100 psi/15 min, OK. Release pkr, TOOH. TIH w/4 1/2" pkr & retrieving tool. SDON.

7-12-01 Establish circ. Circ hole clean. Reset RBP @ 5870'. Set pkr @ 5865'. PT RBP to 3100 psi/15 min, OK. Release pkr, TOOH. Acidize w/25 bbl 15% HCl. TOOH. Frac Menefee w/810 bbl slk wtr, 810,000 SCF N2, 50,000# 20/40 Arizona sd. Reset RBP @ 5210'. PT RBP to 3100 psi, OK. Perf Lewis w/1 SPF @ 4670-5178' w/45 0.29" diameter holes total. Frac Lewis w/785 bbl 20# linear gel, 1,315,400 SCF N2, 200,000# 20/40 Arizona sd. CO after frac.

7-13-01 Blow well & CO.

7-14-01 Blow well & CO. TOOH. TIH w/retrieving tool. Blow well & CO.

7-15-01 Blow well & CO. Latch RBP, TOOH. TIH w/retrieving tool to 5670'. Blow well & CO.

7-16-01 Blow well & CO. Latch RBP @ 5870'. RBP will not release. Blow well & CO.

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

**Electronic Submission #5824 verified by the BLM Well Information System
For BURLINGTON RESOURCES OIL & GAS, sent to the Farmington
Committed to AFMSS for processing by Lucy Bee on 07/25/2001 ()**

Name (Printed/Typed) PEGGY COLE

Title REPORT AUTHORIZER

Signature

Date 07/19/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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NMOCD

Additional data for EC transaction #5824 that would not fit on the form

32. Additional remarks, continued

7-17-01 Blow well & CO. Release RBP, TOOH. TIH w/3 7/8" bit. Blow well & CO to PBTD @ 6335'. TOOH w/bit. TIH, blow well & CO.
7-18-01 Blow well & CO. TOOH. TIH w/196 jts 2 3/8" 4.7# J-55 EUE tbg, landed @ 6007'. (SN @ 5976'). ND BOP. NU WH. RD. Rig released.