DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980
DISTRICT II
811 South First St., Artesia, NM 88210-2835
DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410-1693

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 S. Pacheco
Santa Fe, New Mexico 87505-6429

APPLICATION FOR DOWNHOLE COMMINGLING

Form C-107-A
New 3-12-96

APPROVAL PROCESS :
_X_ Administrative ___Hearing

EXISTING WELLBORE
_X_ YES ___ NO

Burlington Resources Oil & Gas Company — PO Box 4289, Farmington, NM 87499
Operator — Address

Vasaly Com	1	A 22-30N-11W	San Juan
Lease	Well No.	Unit Ltr. - Sec - Twp - Rge	County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. ____14538_____ Property Code __7622_____ API NO. __30-045-09387_____Federal _____ , State _____, (and/or) Fee _____

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	Blanco Mesaverde - 72319		Basin Dakota - 71599
2. Top and Bottom of Pay Section (Perforations)	will be supplied upon completion		6693-6904
3. Type of production (Oil or Gas)	gas		gas
4. Method of Production (Flowing or Artificial Lift)	flowing		flowing
5. Bottomhole Pressure Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated or Measured Original	(Current) a. 535 psi (see attachment)	a.	a. 855 psi (see attachment)
	(Original) b. 1222 psi (see attachment)	b.	b. 2720 psi (see attachment)
6. Oil Gravity (API) or Gas BTU Content	BTU 1169		BTU 1125
7. Producing or Shut-In?	shut in		producing
Production Marginal? (yes or no)	no		yes
* If Shut-In and oil/gas/water rates of last production Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data	Date: n/a Rates:	Date: Rates:	Date: n/a Rates:
* If Producing, give data and oil/gas/water water of recent test (within 60 days)	Date: n/a Rates:	Date: Rates:	Date: n/a Rates:
8. Fixed Percentage Allocation Formula -% for each zone (total of %'s to equal 100%)	Oil: % Gas: % will be supplied upon completion	Oil: % Gas: %	Oil: % Gas: % will be supplied upon completion

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DIST. 3

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.

10. Are all working, overriding, and royalty interests identical in all commingled zones? ___Yes __x_No
If not, have all working, overriding, and royalty interests been notified by certified mail? _x__Yes ___No
Have all offset operators been given written notice of the proposed downhole commingling? _x_Yes ___No

11. Will cross-flow occur? _x__ Yes __ No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. __x___ Yes _____No (If No, attach explanation)

12. Are all produced fluids from all commingled zones compatible with each other? __x_ Yes ___ No

13. Will the value of production be decreased by commingling? ___ Yes _X_ No (If Yes, attach explanation)

14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. _X__Yes ___ No

15. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S). _____-

16. ATTACHMENTS:
* C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
* Production curve for each zone for at least one year. (If not available, attach explanation.)
* For zones with no production history, estimated production rates and supporting data.
* Data to support allocation method or formula.
* Notification list of all offset operators.
* Notification list of working, overriding, and royalty interests for uncommon interest cases.
* Any additional statements, data, or documents required to support commingling.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Sean Woolverton TITLE: Reservoir Engineer DATE: 08-31-98

TYPE OR PRINT NAME Sean Woolverton TELEPHONE NO. (505) 326-9700

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

District II
PO Drawer DD, Artesia, NM 88211-0719

District III
1000 Rio Brazos Rd., Aztec, NM 87410

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

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 Pool Code	3 Pool Name
30-045-09387	72319/71599	Blanco Mesaverde/Basin Dakota

4 Property Code	5 Property Name	6 Well Number
7622	VASALY COM	1

7 OGRID No.	8 Operator Name	9 Elevation
14538	BURLINGTON RESOURCES OIL & GAS COMPANY	5879'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	22	30N	11W		970	NORTH	1090	EAST	SAN JUAN

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
MV - N/320 DK - N/320			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16 *NOT RESURVEYED, PREPARED FROM A PLAT DATED 2-11-64 BY JAMES P. LEESE.

970'

1090'

22

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OIL CON. DIV.

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Signature

Peggy Bradfield
Printed Name

Regulatory Administrator
Title

Date

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

SEPTEMBER 10, 1998
Date of Survey

Signature and Seal of Professional Surveyor

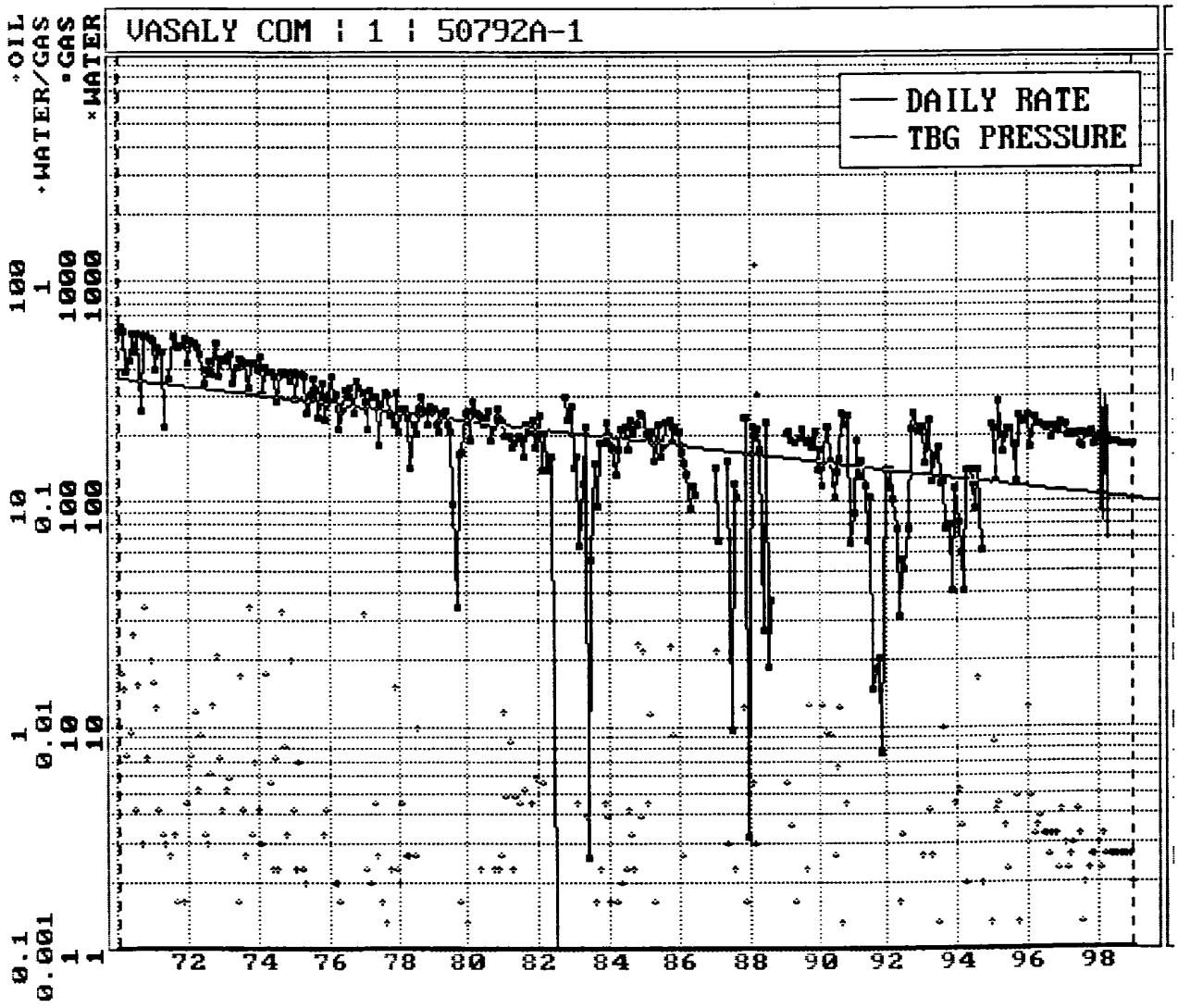
NEALE C. EDWARDS
NEW MEXICO
6857
REGISTERED PROFESSIONAL SURVEYOR

6857
Certificate Number

Vasaly Com #1

Basin Dakota

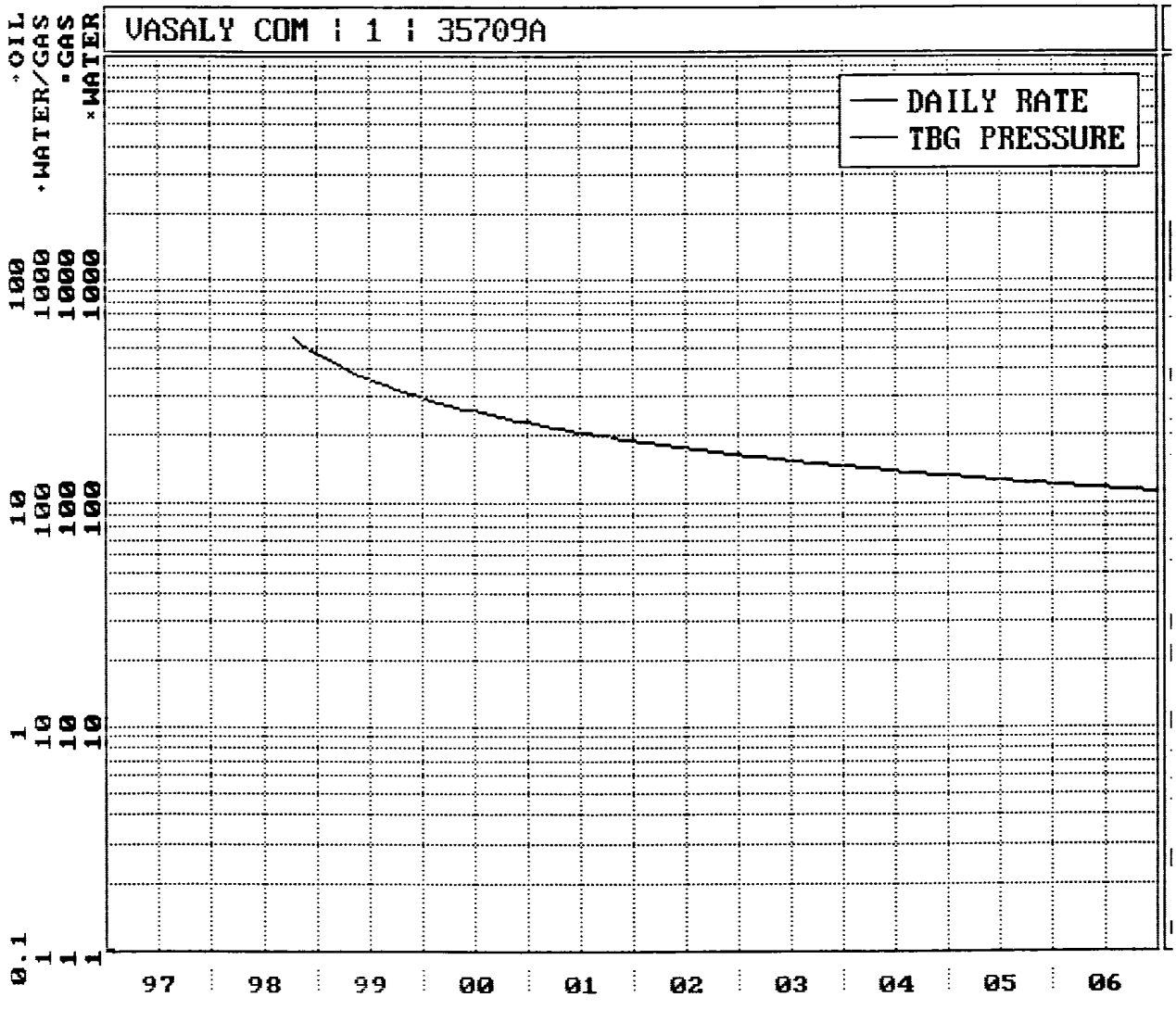
Actual Production



Vasaly Com #1

Blanco Mesaverde

Expected Production Curve



Vasaly Com #1

Bottom Hole Pressures

Flowing and Static BHP

Cullender and Smith Method

Version 1.0 3/13/94

Mesaverde

MV-Current

GAS GRAVITY	0.685
COND. OR MISC. (C/M)	C
%N2	0.29
%CO2	0.93
%H2S	0
DIAMETER (IN)	2.375
DEPTH (FT)	4733
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	137
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	475
BOTTOMHOLE PRESSURE (PSIA)	534.7

MV-Original

GAS GRAVITY	0.685
COND. OR MISC. (C/M)	C
%N2	0.29
%CO2	0.93
%H2S	0
DIAMETER (IN)	2.375
DEPTH (FT)	4733
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	137
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	1072
BOTTOMHOLE PRESSURE (PSIA)	1221.9

Dakota

DK-Current

GAS GRAVITY	0.674
COND. OR MISC. (C/M)	C
%N2	0.23
%CO2	2.02
%H2S	0
DIAMETER (IN)	2
DEPTH (FT)	6887
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	198
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	725
BOTTOMHOLE PRESSURE (PSIA)	854.5

DK-Original

GAS GRAVITY	0.674
COND. OR MISC. (C/M)	C
%N2	0.23
%CO2	2.02
%H2S	0
DIAMETER (IN)	2
DEPTH (FT)	6887
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	198
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	2264
BOTTOMHOLE PRESSURE (PSIA)	2720.0

Page No.: 1
Print Time: Thu May 07 13:14:32 1998
Property ID: 10184
Property Name: VASALY COM | 1 | 50792A-1
Table Name: K:\ARIES\RR99PDP\TEST.DBF

Vasaly Com #1

Basin Dakota

--DATE--	M_SIWHP Psi	
00/12/77	633.0	
00/12/77	633.0	
03/08/64	2264.0	-original
04/08/64	2279.0	
10/21/64	1872.0	
01/04/65	1682.0	
04/29/66	1423.0	
04/28/67	1312.0	
04/18/68	1115.0	
05/16/69	1059.0	
07/10/70	930.0	
05/22/71	963.0	
09/07/72	824.0	
05/02/73	744.0	
06/09/75	732.0	
01/18/77	843.0	
06/30/77	713.0	
10/12/77	633.0	
06/20/79	702.0	
06/08/81	341.0	
06/08/83	610.0	
06/27/85	690.0	
02/15/89	805.0	
02/14/90	505.0	
04/29/92	725.0	-current

Page No.: 1
Print Time: Thu May 07 13:23:34 1998
Property ID: 10296
Property Name: FIFIELD | 4 | 54494A-1
Table Name: K:\ARIES\RR99PDP\TEST.DBF

--DATE--	M_SIWHP Psi	
01/30/86	1072.0	-original
08/02/86	737.0	
12/03/87	516.0	
09/02/88	497.0	
10/31/89	459.0	
03/18/91	585.0	
06/26/91	597.0	
09/02/93	475.0	-current

Vasaly Com #1

Mesaverde Offset

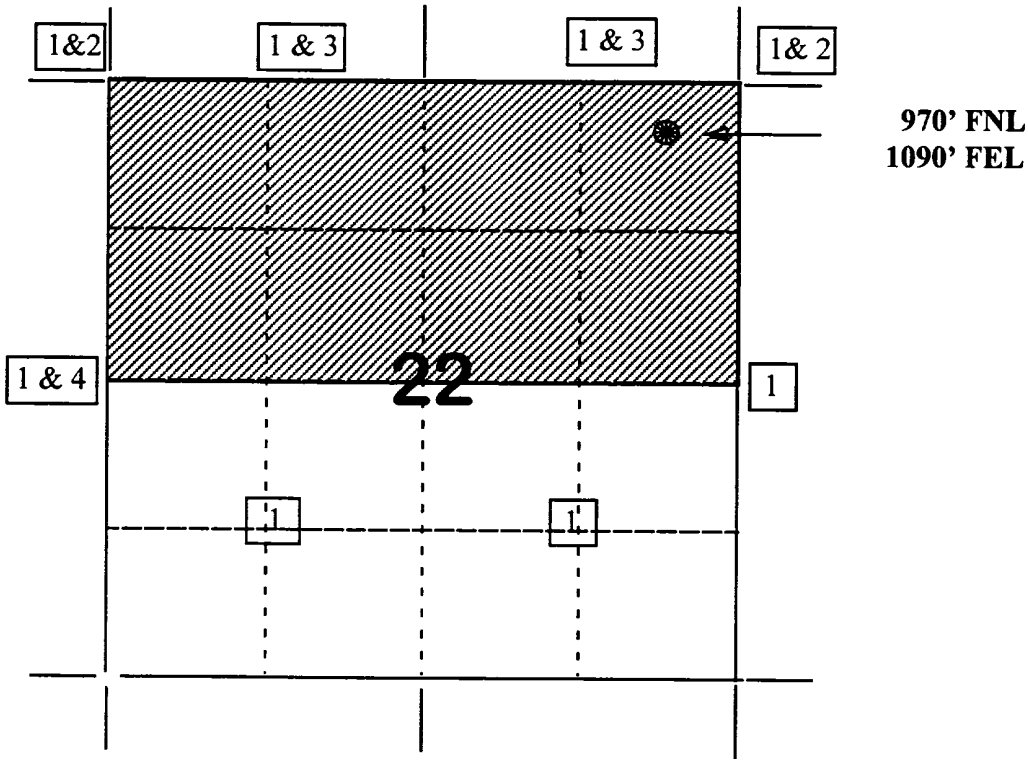
BURLINGTON RESOURCES OIL AND GAS COMPANY

Vasaly Com #1

OFFSET OPERATOR/OWNER PLAT

Dakota / Mesaverde Formations Commingle Well

Township 30 North, Range 11 West

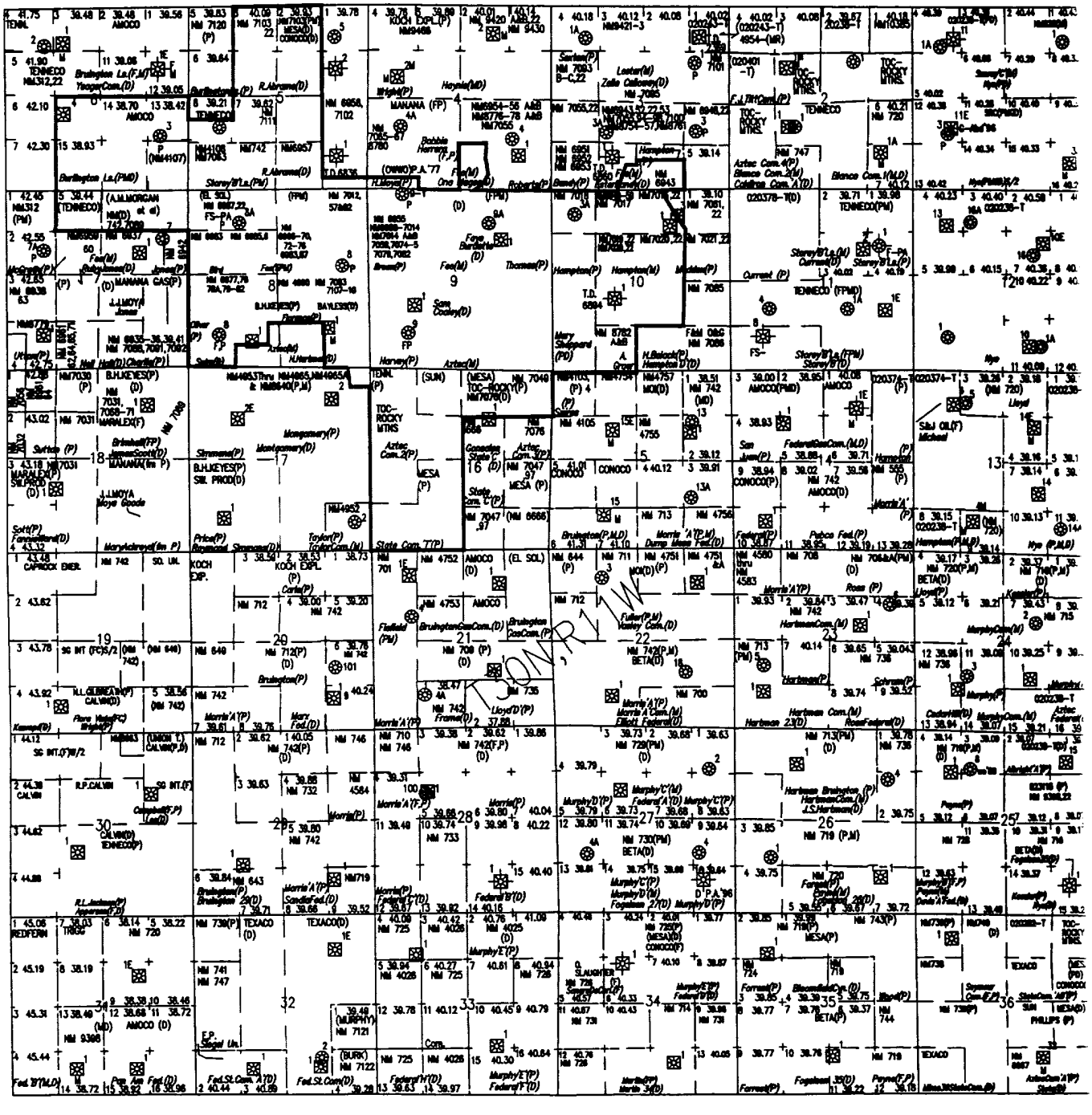


1) Burlington Resources
2) Amoco Production Company - Land Dept.
   Attn: Steve Trevz
   P.O. Box 800
   1670 Broadway
   Denver, CO 80201
3) Conoco Inc.
   Attn: Lori Thorpe
   10 Desta Drive, Suite 100W
   Midland, TX 79705-4500
4) Cross Timbers Oil Company
   Attn: Vaughn Vennerberg
   810 Houston Street, Suite 2000
   Fort Worth, TX 76102-6298

Vasaly Com #1

Basin Dakota

30N-11W-22A



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

Sundry Notices and Reports on Wells

API # (assigned by OCD)
30-045-09387

1. **Type of Well**
GAS

5. **Lease Number**
FEE

6. **State Oil&Gas Lease #**

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

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OIL CON. DIV.
DIST. 3

7. **Lease Name/Unit Name**
Vasaly Com

8. **Well No.**
#1

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**
A 970' FNL, 1090' FEL, Sec. 22, T-30-N, R-11-W, NMPM, San Juan County, NM

10. **Elevation:**

Type of Submission		Type of Action	
_X_	Notice of Intent	___ Abandonment	___ Change of Plans
		_X_ Recompletion	___ New Construction
___	Subsequent Report	___ Plugging Back	___ Non-Routine Fracturing
		___ Casing Repair	___ Water Shut off
___	Final Abandonment	___ Altering Casing	___ Conversion to Injection
		_X_ Other - Commingle	

13. Describe Proposed or Completed Operations

It is intended to recomplete the subject well in the Mesaverde formation according to the attached procedure and wellbore diagram. The well will then be down-hole commingled. A DHC order has been applied for.

SIGNATURE _____ Regulatory Administrator__September 14 1998____

vkh___

(This space for State Use)

Approved by ORIGINAL SIGNED BY CHARLIE BUSCH Title DEPUTY OIL & GAS INSPECTOR, DIST. #3 Date SEP 17 1998

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

District II
PO Drawer DD, Artesia, NM 88211-0719

District III
1000 Rio Brazos Rd., Aztec, NM 87410

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

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹API Number	²Pool Code	³Pool Name
30-045-09387	72319/71599	Blanco Mesaverde/Basin Dakota

⁴Property Code	⁵Property Name	⁶Well Number
7622	VASALY COM	1

⁷OGRID No.	⁸Operator Name	⁹Elevation
14538	BURLINGTON RESOURCES OIL & GAS COMPANY	5879'

¹⁰ Surface Location

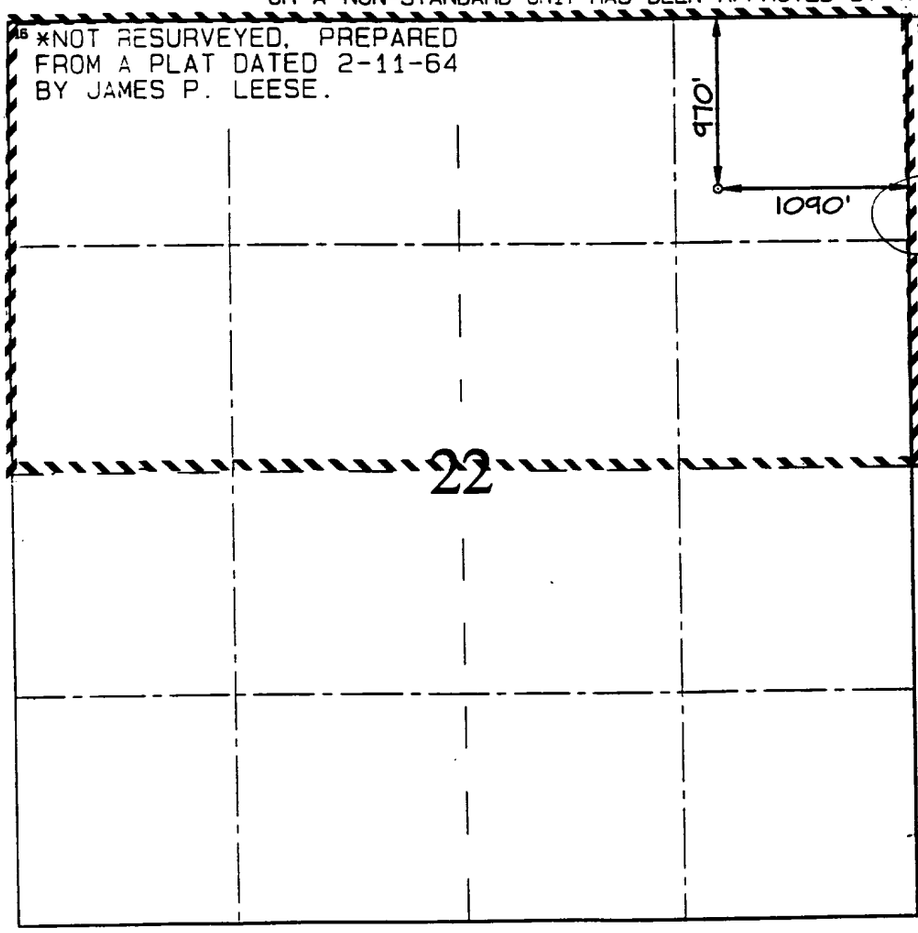
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	22	30N	11W		970	NORTH	1090	EAST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
MV - N/320 DK - N/320			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Signature

Peggy Bradfield
Printed Name

Regulatory Administrator
Title

Date

¹⁸ SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

SEPTEMBER 10, 1998
Date of Survey

Signature and Seal of Professional Surveyor

NEALE C. EDWARDS
NEW MEXICO
6857
PROFESSIONAL SURVEYOR

Certificate Number

the maximum pressure is 80% of burst for 4-1/2", 10.5# casing which is +/-3800 psi. We will use maximum pressure of 3800 psi during CIBP pressure tests and while breaking down perforations and balling off. During the stimulation we will use 5500 psi as our maximum pressure. The reason for the increased maximum pressure is because of the pressure drop from friction pumping down the frac string at 20 plus bbls/min. So in order to reach the desired bottom hole treating pressure at the desired rate we must increase our maximum pressure to 5500 psi. It is very important to remember that if the rate fall off quickly so must the pressure.

Equipment and Material Requirements:

Deliver the following equipment to location:

1. 150' of 2-3/8" 4.7# J-55 tubing
2. Eight (8) - 400 bbls frac tanks to be spotted and filled w/ 2% KCL
3. 5100' of 2-7/8" N-80 buttress tbg frac string and 4-1/2" full bore tension packer
4. 2-3/8" and 2-7/8" pipe rams for BOP
5. 3-7/8" bit/mill

Procedure:

1. Hold safety meeting. MIRU completion rig. Place fire and safety equipment in strategic locations. Comply with all BR. BLM, and NMOCD rules and regulations. Record tubing and casing pressures. RU flowlines. Blowdown tbg and csg.

2. Kill well w 2% KCL down tubing, if necessary. ND wellhead. NU BOP's w/ 2-3/8" pipe rams, stripping head and blooie line. Replace any failed valves or seals on wellhead.

3. TOOH with 6887' of 2-3/8", 4.7#, 8 rd tbg (no record of jt. count). Avoid overloading the Dakota with 2% KCL while killing the well. Let the Dakota flow out the blooie line and keep the tubing dead while POOH by pumping down the tubing with 2% KCL as needed. Lay down any bad joints.

4. MIRU wireline unit. Under a lubricator, RIH with 4-1/2", 11.6# gauge ring to 5100'. POOH. RIH w/ 4-1/2" CIBP. Set 4-1/2" CIBP at 5000'. POOH. **Do not** attempt to pressure test CIBP from surface. The leaks repaired from 3947' – 4075' could break down. We will pressure test the CIBP using the frac string in step #7.

5. Load hole with 2% KCL. RIH w/ wireline and run GR/CBL from CIBP to surface or 100' above TOC which ever occurs first. Contact engineer at this point. The engineer, rig supervisor and superintendent will determine if the cement bond is sufficient for zonal isolation, 70% plus bond is necessary from 4100' – 5000'. It is especially important to have a quality bond from the top perf in the Menefee to the leaks repaired from 3947' – 4075'. If we were to communicate during the frac we could pump sand on top of our packer and possibly stick the same. If squeeze work is necessary the engineer, rig supervisor and superintendent will determine where and which type of squeeze work is necessary. All squeeze work necessary should be completed before continuing to the next step.

Point Lookout Fracture Stimulation (1st Stage):

6. NU wireline company. Under a lubricator , RIH with 3-1/8" HSC casing gun. Select fire perforate the Lower Point Lookout w/ 2 spf at 120° phasing and the Upper Point Lookout with 1 SPF, 0.29" diameter, Owen 302T charges at the following depths:

   Following Lower Point Lookout perforations at **2 spf**:

4725	4740	4780	4793	4803	4835	4848	4858	4882

   Following Upper Point Lookout at **1 spf**:

4598	4624	4636	4655	4668	4677	4682

   (25 total holes, 284' of gross interval)

POOH and ND wireline. Inspect casing gun to ensure all perforations fired.

7. Change BOP pipe rams to 2-7/8". MU 4-1/2" full bore tension packer and RIH with 2-7/8" buttress frac string. RIH and set packer at 4950'. NU stimulation company. Pressure test surface lines to 5500 psi. Pressure test CIBP and tubing string to 3800 psi for 5 minutes. Do not hold pressure on the 2-7/8" x 4-1/2" annulus, we do not want to break down the repaired leaks at 3947' – 4075'. Unset packer and spot 5 bbls 15% HCL across perforations. Pull up to 4500' and set packer.

8. NU stimulation company. Pressure test surface lines to 5500 psi. Prepare to breakdown perforations. Pump into perforations to establish injection rate at maximum pressure of 3800 psi. Do not hold pressure on the 2-7/8" x 4-1/2" annulus, we do not want to break down the repaired leaks at 3947' – 4075'. Record breakdown pressure, rate and ISIP. If an injection rate of > 5 BPM can be established, prepare to balloff. If the injection rate cannot be established then unseat packer and spot acid across perfs again.

9. Begin balloff. Pump 25 bbls of 15% HCL and flush with 2% KCL at maximum pressure of 3800 psi or 30 bbl/min which ever occurs first. Drop a total of 50, 7/8" 1.3 SG RCN ball sealers spaced evenly throughout job. Maximum pressure at balloff is 3800 psi. ND stimulation company. Unseat packer and RIH past bottom perforation to knock off ball sealers. Pull back up and re-set packer at 4500'

10. NU stimulation company. Hold safety meeting. Pressure test surface lines to 5500 psi. Maximum surface treating pressure during frac is 5500 psi at 30 bbl /min. (NOTE: The maximum pressure is 3800 psi with a pump rate of 5 bbl/min or less. With an injection rate of 20 bbl/min or more the maximum surface pressure is 5500 psi. This change in maximum pressure is because of all the pressure drop in the tubing while pumping at 20 bbl/min or more.) Do not hold pressure on the 2-7/8" x 4-1/2" annulus, we do not want to break down the repaired leaks at 3947' – 4075'. If the annulus does start flowing indicating communication immediately go to flush and POOH with packer. Fracture stimulate Point Lookout interval using a 20# X-link fluid per attached schedule at 30 BPM, with 100,000 #'s of 20/40 Arizona sand. Quick flush at 2 ppg with 2% KCL. Flush with 71.5 bbls of 2% KCL to 100' of top perforation at 4598'. Cut pump rate throughout flush as pressure will allow. Shutdown and record ISIP, 5, 10, and 15 min shut-in pressures. ND stimulation company. If well is not dead continue to flow well back until flow stops. Unseat packer and TOOH.

11. NU wireline company. Under and lubricator RIH with 4-1/2" CIBP and set @ 4560' (1/2 way between 1st stg top perf and 2nd stg btm perf). POOH. Do not pressure test CIBP from surface, we will pressure test the CIBP when we RIH with the packer to frac.

Menefee perforating and fracture stimulation (2nd Stage):

12. Under a full lubricator , RIH with 3-1/8" HSC casing gun. Select fire perforate the Menefee with 1 SPF, 0.29" diameter, Owen 302T charges at the following depths:

4200	4219	4235	4268	4279	4300	4308	4313	4352	4371
4402	4448	4452	4465	4523					

(15 total holes, 323' of gross interval)

POOH and ND wireline. Inspect casing gun to ensure all perforations fired.

13. PU 4-1/2" full bore tension packer on 2-7/8" buttress frac string and RIH to 4500'. Set packer and pressure test CIBP to 3800 psi for 5 minutes. Do not hold pressure on the 2-7/8" x 4-1/2" annulus, we do not want to break down the repaired leaks at 3947' – 4075'. Unseat packer and spot 4 bbls 15% HCL across perforations (Note: Do not over displace acid across the interval from 3947' – 4075', it could cause the repaired leaks to fail). Pull above top perforation and set packer at 4150'. Pressure test surface lines to 5500 psi. Prepare to breakdown perforations. Pump into perforations to establish injection rate at maximum pressure of 3800 psi. Do not hold pressure on the 2-7/8" x 4-1/2" annulus, we do not want to break down the repaired leaks at 3947' – 4075'. Record breakdown pressure and rate and ISIP. If an injection rate of > 5 BPM can be established, prepare to balloff.

14. Begin balloff. Pump 25 bbls of 15% HCL and flush with 2% KCL at maximum rate pressure will allow. Drop a total of 28 7/8" 1.3 SG RCN ball sealers spaced evenly throughout job. Maximum pressure at balloff is 3800 psi. ND stimulation company. Unseat packer and TIH past bottom perforation to knock off ball sealers. Pull above top perforation and re-set packer at 4150'.

15. NU stimulation company. Hold safety meeting. Pressure test surface lines to 5500 psi. Maximum surface treating pressure during frac is 5500 psi. Fracture stimulate Menefee interval with 20# X-Link per attached schedule at 25 BPM. with 80,000 #'s of 20/40 Arizona sand. (NOTE: The maximum pressure is 3800 psi with a pump rate of 5 bbl/min or less. With an injection rate of 20 bbl/min or more the maximum surface pressure is 5500 psi due to all the pressure drop in the tubing.) Do not hold pressure on the 2-7/8" x 4-1/2" annulus, we do not want to break down the repaired leaks at 3947' – 4075'. If the annulus does start flowing indicating communication immediately go to flush and POOH with packer. Quick flush at 2 ppg with 2% KCL. Flush with 63 bbls of 2% KCL to 200' of top perforation. Cut pump rate throughout flush as pressure will allow. Shutdown and record ISIP, 5, 10, and 15 min shut-in pressures. RD stimulation company.

16. Unseat packer and TOOH laying down frac string. **Replace all thread protectors as you lay down the frac string** to prevent damage. Change over to 2-3/8" pipe rams and slips.

17. PU 3-7/8" bit on 2-3/8" tubing. Strap tubing on TIH. Clean out to CIBP set at 4560'. Obtain pitot gauge. Drill out CIBP at 4560'. Use foam/mist rate of 10 to 12 BPH. Clean out to CIBP set at 5000'. Clean up to less then 5 BPH water and trace of sand. Obtain stabilized pitot gauges at 15, 30, 45, and 60 min for the Mesaverde interval. Record on WIMS report.

18. Drill out CIBP at 5000'. Use foam/mist rate of 10 to 12 BPH.

19. Clean out to PBTD at 6915'. Clean up to less then 5 BPH and trace of sand. Obtain stabilized pitot gauges at 15, 30, 45, and 60 min for the commingled zones. TOOH.

20. TIH with one joint of 2-3/8" tubing with expendable check, a seat-nipple, and the remaining 2-3/8" tubing. Land tubing at +/- 6867. Broach tubing to seat-nipple with sandline.

21. ND BOP's. NU Tree and manifold assembly. Pump off expendable check. Make swab run to kick well off if needed. Obtain stabilized pitot gauges at 15, 30, 45, and 60 min for the entire well. Record on WIMS report. SI well. RD and MOL.

Compiled By: _____
D. T. Voecks
Production Engineer

Approval: _____ 5/5/98 _____ 9/11/98
Regional Engineer Drilling Superintendent

VENDORS:

VENDORS:

	SERVICE COMPANY	**PHONE NUMBER**
CASED HOLE:	TBA	
STIMULATION:	HES	
FRAC VALVE:	District Tools	

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PERTINENT DATA SHEET

Vasley Com #1

LOCATION:	970 ' FNL, 1090 ' FEL Unit A. Section 22 , T30N, R11W San Juan County, New Mexico	ELEVATION:	5,879'GL , n/a ' KB
		DP#:	50792A – DK 35709A – MV
FIELD:	Blanco Mesaverde		
TD:	6917 '	LAT: 36 ° 48.1 '	GWI: 100.0 % - MV
PBTD:	6901 '	LONG: 107 ° 58.4 '	NRI: 83.8 % - MV
SPUD DATE:	2/25/64		
COMPLETION DATE:	4/8/64 DK _MV pending		

CASING RECORD:

HOLE SIZE	CSG SIZE	WGHT (#'s) & GRD	DEPTH SET	SXS CMT	CMT TOP
12-1/4"	8-5/8"	24# , New	312'	175 sxs	surface
7-7/8"	4-1/2"	10.5 & 11.6#	6,915'	900 sxs (3 stg) DV tools @ 4946' & 2378'	surface

TUBING RECORD: proposed

TBG SIZE (In.)	WGHT (#'s) & GRD	DEPTH SET	BHA
2-3/8" (219 jts)	4.7# J-55	+/-6887'	pin collar 1 jt off btm

FORMATION TOPS: pending

Ojo Alamo	'	Upr Cliffhouse	'	Greenhorn	6585'
Kirtland	'	Mass Cliffhouse	4018'	Graneros Shale	6630'
Fruitland	'	Menefee	4150'	Graneros Sand	6693'
Pictured Cliffs	2290'	Point Lookout	4590'	Dakota A	6763'
Lewis	2368'	Mancos	4945'	Dakota B	6815'
Mesaverde	'	Gallup	5842'		

LOGGING RECORD:

Open hole: GR-Gamma Density Log. Induction
Cased hole (proposed):GR, CBL w/VDL

STIMULATION:

Dakota:
(2 spf) 6894'-6904', 6841'-6845' treat w/ 20,000# sand, 25,500 gal fluid, ATP 3800#, ATR 29 bpm
(2 spf) 6772'-6792' treat w/ 10,000# sand, 15,000 gal fluid, ATP 3600#, ATR 30 bpm, sanded off w/ 5,000 # in perfs
(2 spf) re-perf 6775'-6795' treat w/ 30,000# sand, 32,800 gal fluid, ATP 3400#, ATR 32.8 bpm
(2 spf) 6693'-6703' treat w/ 10,000# sand, 26,200 gal fluid, ATP 3450#, ATR 32.8 bpm

Mesaverde: (proposed)
Point Lookout
(2 spf) 4725', 4740', 4780', 4793', 4803', 4835', 4848', 4858', 4882'
(1 spf) 4598', 4624', 4636', 4655', 4668', 4677', 4682'
Menefee
(1 spf) 4200', 4219', 4235', 4268', 4276', 4300', 4308', 4313', 4352', 4371', 4402', 4448', 4452', 4465', 4523'

WORKOVER HISTORY:

The well file has no tour reports for drilling or workover. The scout ticket journal has the following entry: Repaired leaks 3947' – 4075'.

PRODUCTION HISTORY:

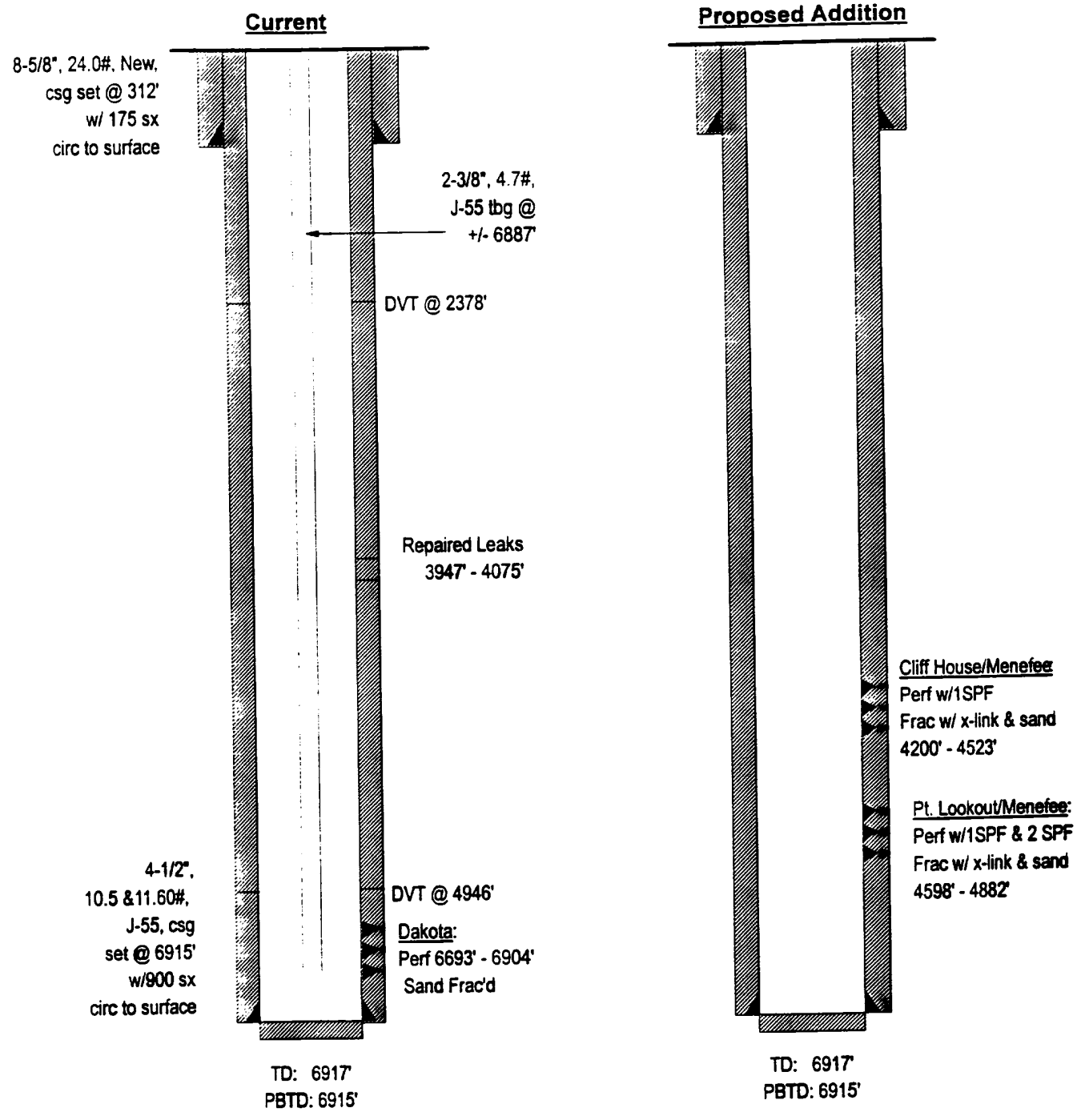
EUR 4.4 Bcf, Cum 3.3 Bcf, Rem 1.08 Bcf, Q = 184 mcf/d

TRANSPORTER:

El Paso

Vasaly Com #1

Blanco Mesaverde / Basin Dakota
Unit A, Section 22, T30N, R11W
San Juan County, NM
Elevation: 5879' GL, 5891' KB
LAT: 36° 48.1' / LONG: 107°58.4'
date spud: 2/25/64



BURLINGTON RESOURCES
05/13/98: dtv