

DATE 2/22/01	SUBMITTER 3/14/01	ENGINEER DC	LOGGGIN MW	TYPE DHC	APP NO. 105431605
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



2910

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS-Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply

[A] ☒ Working, Royalty or Overriding Royalty Interest Owners

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☒ Notification and/or Concurrent Approval by BLM or SLO
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

[3] INFORMATION / DATA SUBMITTED IS COMPLETE - Certification

I hereby certify that I, or personnel under my supervision, have reviewed the applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common.

I understand that any omission of data (including API numbers, pool codes, etc.), pertinent information and any required notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Peggy Cole

Print or Type Name

Signature

Regulatory Supervisor

Title

Date

pbradfield@br-inc.com

e-mail Address

District I
1625 N. French Drive, Hobbs, NM 88240

District II
811 South First Street, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised May 15, 2000

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87505

APPLICATION TYPE

☒ Single Well
☐ Establish Pre-Approved Pools
EXISTING WELLBORE
☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

Burlington Resources Oil and Gas

3401 East 30th Street, Farmington, New Mexico

Operator

Address

Davis A Federal

1M

K-25-30N-11W

San Juan

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 14538 Property Code 24999 API No. 30-045-29746 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Otero Chacra	Blanco Mesaverde	Basin Dakota
Pool Code	3170-3180 Estimated 82329 per S.H.B.	72319	71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	Will be supplied upon completion	Will be supplied upon completion	7078-7090'
Method of Production (Flowing or Artificial Lift)	Flowing	Flowing	Flowing
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	Current – 591 psi Original – 824 psi (see attachment)	Current – 613 psi Original – 824 psi (see attachment)	Current – 2957 psi Original – 3868 psi
Oil Gravity or Gas BTU (Degree API or Gas BTU)	BTU 1166	BTU 1192	BTU 1017
Producing, Shut-In or New Zone	New Zone	New Zone	Producing
Date 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: N/A Rates:	Date: November 2000 Rates: 4310 MCPFD
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas Supplied Upon Completion	Oil Gas Supplied Upon Completion	Oil Gas Supplied Upon Completion

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes ☐ No ☒
Yes ☒ No ☐

Are all produced fluids from all commingled zones compatible with each other?

Yes ☒ No ☐

Will commingling decrease the value of production?

Yes ☐ No ☒

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?

Yes ☒ No ☐

NMOCD Reference Case No. applicable to this well: _____

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 working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

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

SIGNATURE WRB TITLE Production Engineer DATE 1-12-01

TYPE OR PRINT NAME Randy Buckley TELEPHONE NO. (505) 326-9700

1980. Hobbs. NM 88241-1980

State of New Mexico
Energy, Minerals & Natural Resources Dept

Form C-122
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

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

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

99 FEB 24 PM 12:37 ☐ AMENDED REPORT

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

WELL LOCATION AND ACREAGE DEDICATION PLAT
070 FARMINGTON, NM

API Number 30-045-		Pool Code 82329 72319/71599/	Pool Name Otero Chacra Blanco Mesaverde/Basin Dakota/
Property Code 24999	Property Name DAVIS A FEDERAL		Well Number 1M
GRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		Elevation 5980'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	County
K	25	30N	11W		1885	SOUTH	1745	WEST	SAN JUAN

11 Bottom Hole Location If Different From Surface

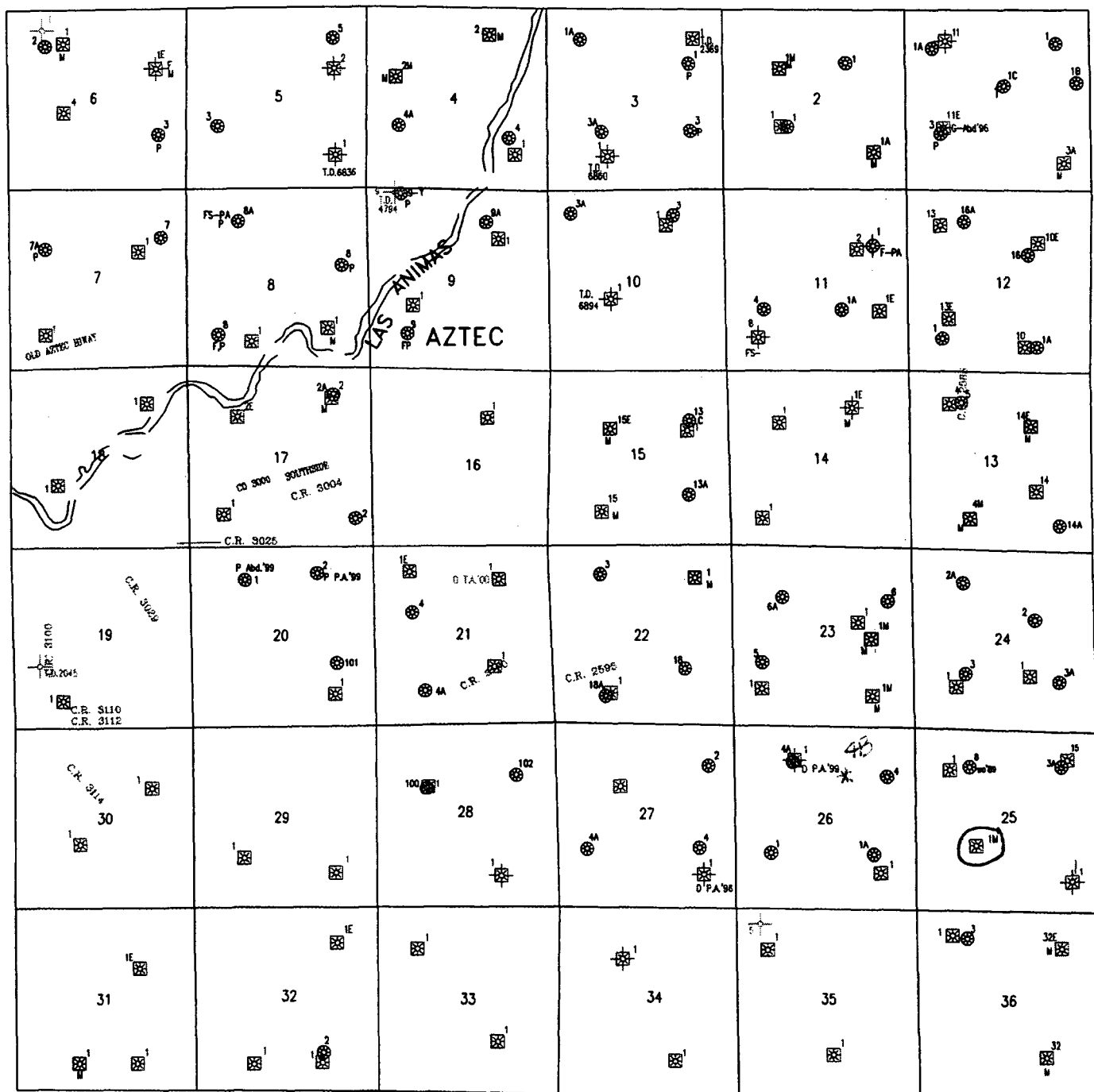
UL or lot no.	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres Cha - 158.47 W/314.89	Joint or Infill	Consolidation Code	Order No.
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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

4 5 12	3 6 13	2 7 14	1 8 15	16 5188.92' *Revised to show name change NMSF-079962 25 1745' 1885' 5217.96'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Peggy Bradfield</i> Signature Peggy Bradfield Printed Name Regulatory Administrator Title 2-23-99 Date
				2630.76' 5236.44'	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. JULY 17, 1998 Date of Survey <i>Neale C. Edwards</i> Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 6857 Certificate Number

DAVIS A FEDERAL #IM



DAVIS A FEDERAL #1M

Bottom Hole Pressures

Flowing and Static BHP

Cullender and Smith Method

Version 1.0 3/13/94

CHACRA	MESAVERDE
<u>CH-Current</u>	<u>MV-Current</u>
GAS GRAVITY 0.659	GAS GRAVITY 0.733
COND. OR MISC. (C/M) C	COND. OR MISC. (C/M) C
%N2 0.32	%N2 0.38
%CO2 0.24	%CO2 0.52
%H2S 0	%H2S 0
DIAMETER (IN) 1.995	DIAMETER (IN) 1.995
DEPTH (FT) 2973	DEPTH (FT) 5012
SURFACE TEMPERATURE (DEG F) 60	SURFACE TEMPERATURE (DEG F) 60
BOTTOMHOLE TEMPERATURE (DEG F) 137	BOTTOMHOLE TEMPERATURE (DEG F) 137
FLOWRATE (MCFPD) 0	FLOWRATE (MCFPD) 0
SURFACE PRESSURE (PSIA) 550	SURFACE PRESSURE (PSIA) 534
BOTTOMHOLE PRESSURE (PSIA) 591.0	BOTTOMHOLE PRESSURE (PSIA) 612.5
<u>CH-Original</u>	<u>MV-Original</u>
GAS GRAVITY 0.659	GAS GRAVITY 0.733
COND. OR MISC. (C/M) C	COND. OR MISC. (C/M) C
%N2 0.32	%N2 0.38
%CO2 0.24	%CO2 0.52
%H2S 0	%H2S 0
DIAMETER (IN) 1.995	DIAMETER (IN) 1.995
DEPTH (FT) 2973	DEPTH (FT) 5012
SURFACE TEMPERATURE (DEG F) 60	SURFACE TEMPERATURE (DEG F) 60
BOTTOMHOLE TEMPERATURE (DEG F) 137	BOTTOMHOLE TEMPERATURE (DEG F) 137
FLOWRATE (MCFPD) 0	FLOWRATE (MCFPD) 0
SURFACE PRESSURE (PSIA) 765	SURFACE PRESSURE (PSIA) 715
BOTTOMHOLE PRESSURE (PSIA) 824.1	BOTTOMHOLE PRESSURE (PSIA) 824.3

DAVIS A FEDERAL #1M

Bottom Hole Pressures

Flowing and Static BHP

Cullender and Smith Method

Version 1.0 3/13/94

DAKOTA			
<u>DK-Current</u>		<u>Current</u>	
GAS GRAVITY	0.5889	GAS GRAVITY	0
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0.748	%N2	0
%CO2	1.501	%CO2	0
%H2S	0	%H2S	0
DIAMETER (IN)	1.995	DIAMETER (IN)	0
DEPTH (FT)	7085	DEPTH (FT)	0
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	137	BOTTOMHOLE TEMPERATURE (DEG F)	137
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	2491	SURFACE PRESSURE (PSIA)	0
BOTTOMHOLE PRESSURE (PSIA)	2956.9	BOTTOMHOLE PRESSURE (PSIA)	#DIV/0!
<u>DK-Original</u>		<u>Original</u>	
GAS GRAVITY	0.5889	GAS GRAVITY	0
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0.748	%N2	0
%CO2	1.501	%CO2	0
%H2S	0	%H2S	0
DIAMETER (IN)	1.995	DIAMETER (IN)	0
DEPTH (FT)	7085	DEPTH (FT)	0
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	137	BOTTOMHOLE TEMPERATURE (DEG F)	137
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	3284	SURFACE PRESSURE (PSIA)	0
BOTTOMHOLE PRESSURE (PSIA)	3867.7	BOTTOMHOLE PRESSURE (PSIA)	#DIV/0!

DAVIS A FEDERAL 1M 3571402 (DAVIS A FEDERAL 1M) Data: Nov.1999-Nov.2000

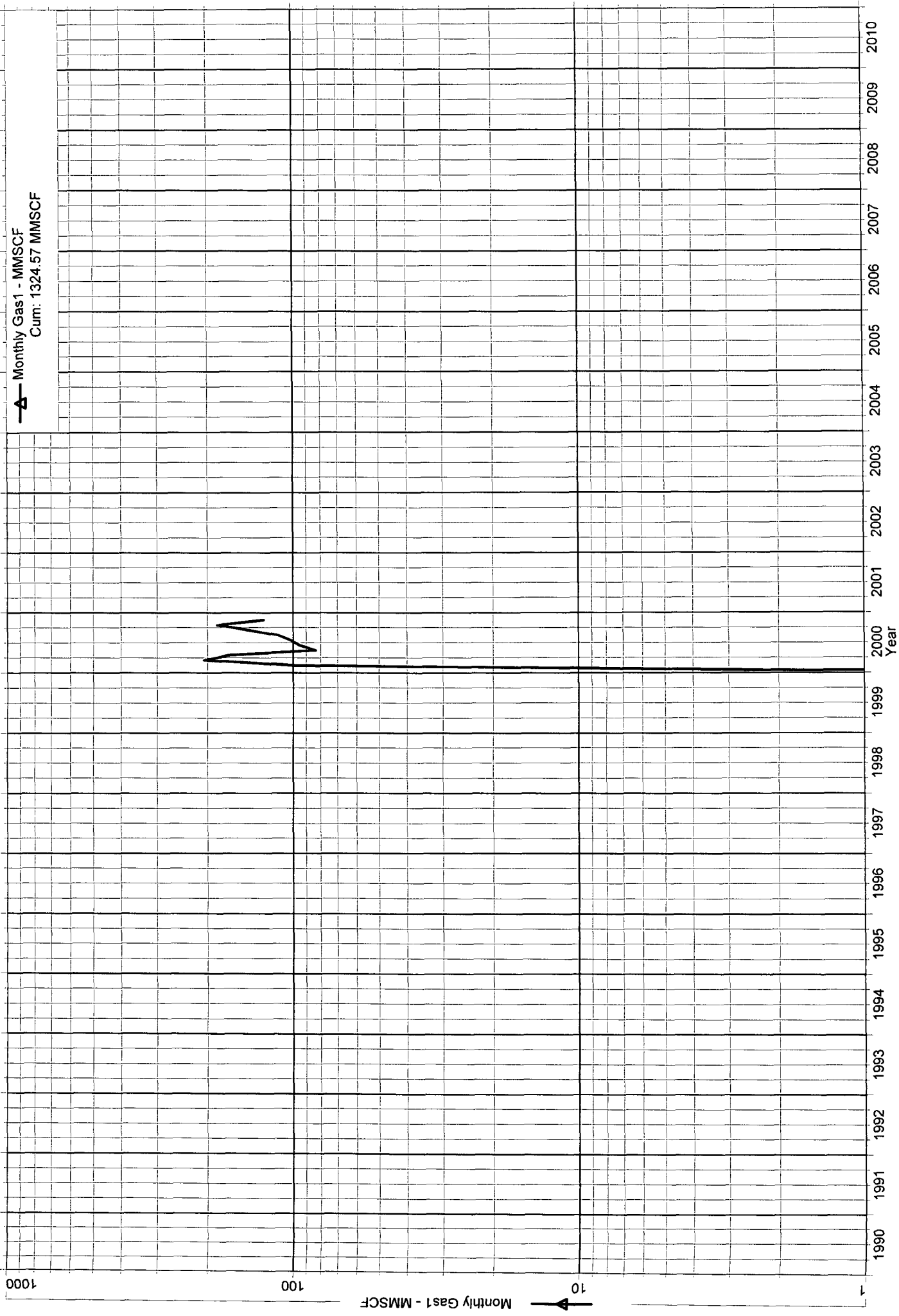
Operator: BURLINGTON RESOURCES OIL GAS CO LP

Field: BASIN DAKOTA (PRORATED GAS)

Zone:

Type: Gas

Group: None



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN "ATE"
(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137

Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐				5. LEASE DESIGNATION AND SERIAL NO. SF-080869	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other ☐				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR BURLINGTON RESOURCES OIL & GAS COMPANY				7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. PO BOX 4289, Farmington, NM 87499 (505) 326-9700				8. FARM OR LEASE NAME, WELL NO. Davis A Federal #1M	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1885'FSL, 1745'FWL At top prod. interval reported below At total depth				9. API WELL NO. 30-045-29746	
14. PERMIT NO. DATE ISSUED				12. COUNTY OR PARISH San Juan	
15. DATE SPUDDED 10-27-99				13. STATE New Mexico	
16. DATE T.D. REACHED 11-7-99				10. FIELD AND POOL OR WILDCAT Basin Dakota	
17. DATE COMPL. (Ready to prod.) 1-29-00				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec.25, T-30-N, R-11-W	
18. ELEVATIONS (DF, RKB, RT, BR, ETC.)* 5980'GL / 5992'KB				19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 7180'		21. PLUG. BACK T.D., MD & TVD 7130'		23. INTERVALS DRILLED BY 0-7180'	
22. IF MULTIPLE COMPL. HOW MANY*				ROTARY TOOLS CABLE TOOLS	
24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* 7078-7090' Dakota				25. WAS DIRECTIONAL SURVEY MADE no	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR/TDT/GR/CBL				27. WAS WELL CORED no	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE		WEIGHT, LB./FT.		DEPTH SET (MD)	
8 5/8"		24#		353'	
4 1/2"		11.6#		7178'	
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
30. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
2 3/8		7085'			
31. PERFORATION RECORD (Interval, size and number) 7078-7090'					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED		
7078-7090'			none		
33. PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type or pump)			WELL STATUS (Producing or shut-in)
		Flowing			SI
DATE OF TEST		HOURS TESTED		CHOKE SIZE	
1-29-00					
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE	
SI 2620		SI 2740			
34. DISPOSITION OF GAS (sold, used for fuel, vented, etc.) To be sold					
35. LIST OF ATTACHMENTS None					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					

SIGNED Debbie Cole TITLE Regulatory Administrator DATE 1-31-00 **MAR 07 2000**

*(See Instructions and Spaces for Additional Data on Reverse Side)

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

OPERATOR

Lease Name:	MEXICO FEDERAL N	Well Number:	002
Lease Number:	7310	Cum Oil:	644 since MAY 1989
Operator Name:	BURLINGTON RESOURCES OIL	Cum Gas:	620890
State:	NEW MEXICO	Cum Water:	
County:	SAN JUAN	First Production Date:	MAR 1984
Field:	OTERO	Last Production Date:	APR 2000
Sec Twn Rng:	15 29N 11W	Spot:	SE NW NW
Latitude/Longitude:	36.72676 -107.9818	Lat/Long Source:	AM
Regulatory #:	7310	Completion Date:	
API:	30045255480000	Total Depth:	3104
Production ID:	2300430452554882329	Upper Perforation:	2896
Reservoir Name:	CHACRA	Lower Perforation:	3006
Prod Zone:	CHACRA	Gas Gravity:	
Basin Name:	SAN JUAN BASIN	Oil Gravity:	
Gas Gatherer:	ELPS	Temp Gradient:	
Liquid Gatherer:		N Factor:	
Status:	ACTIVE	GAS	GOR:

Gas Tests		Total count: 2		WHSIP	BHP	BHP/Z	BHP	Water	Cond	Gas	WHFP
	Test Date	Cum Prod to Test					type	B/D	B/D	MCF	
Initial Test	19840419	20335	765							582	275
	19850903	166408	550							289	268

DAVIS A FEDERAL IM
Chacra Offset

MEXICO FEDERAL N 02

TOW/cs Production Accounting

File Edit Tools Window Help

Gas Analysis Information

Name: MEXICO FEDERAL N 02 34880

Analysis Name:

Analysis: 1:1

Effective Date: 09/01/2000

Sample Date: 09/02/2000

Pressure Base BTU: 14.7300

Wet/Dry: Dry

Heat Content: 1.16600000

Specific Gravity: 0.659

Coefficient Factor: 0.0000

Calculation Type: Enter Percentages

Enter GPM

Related To: 0.00000

Hexane Plus GPM: 0.0030

C9 %: 0.00000

	MOL Fraction	MOL Count
Hydrogen (H2)	0.00000	0.0000
Helium (He)	0.00000	0.0000
Nitrogen (N2)	0.00320	0.0000
Carbon Dioxide (CO2)	0.00240	0.0000
Hydrogen Sulphide (H2S)	0.00000	0.0000
Methane (C1)	0.87230	0.0000
Ethane (C2)	0.06960	0.0000
Propane (C3)	0.03260	0.0000
Isobutane (IB4)	0.00450	0.0000
Butane	0.00830	0.0000
Isopentane (IP5)	0.00230	0.0000
Pentane (P5)	0.00180	0.0000
Hexane (C6)	0.00300	0.0000
Heptane (C7)	0.00000	0.0000
Final Totals	Total	1.7000 0.00000

09/01/2000 3:3

01/04/2001 2:55:47 PM 50% 2

Start Inbox DavisAFE... PLDnight... CD-Exec... petrORO... Graphics... TOW/cs... 2:55 PM

DAVIS A FEDERAL 1M
Chacra Offset
2 3/8" 2973'

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

Getty Oil Company

3. ADDRESS OF OPERATOR

P.O. Box 3360, Casper, Wyoming 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 1850' FNL & 1460' FWL of Section 15

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

U. S. GEOLOGICAL SURVEY
FARMING 4-1-83M.

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

15. DATE SPUDDED 5-9-83 16. DATE T.D. REACHED 5-12-83 17. DATE COMPL. (Ready to prod.) 6-10-83 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5644' KB 19. ELEV. CASINGHEAD 5631' GL

20. TOTAL DEPTH, MD & TVD 3104' 21. PLUG, BACK T.D., MD & TVD 3063' 22. IF MULTIPLE COMPL., HOW MANY* --- 23. INTERVALS DRILLED BY --- ROTARY TOOLS 0' - 3104' CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

2896' - 3006'

Chacra

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIGL-GR; CDL-DSN-GR; FDC-CNL; DIL; Cyberlook; CBL; Tracer

25. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD
8 5/8"	24#	352'	12 1/4"	See Attachment
4 1/2"	9.5 & 10.5#	3104'	7 7/8"	See Attachment

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)
2 3/8"	2973'

31. PERFORATION RECORD (Interval, size and number)

Perforated Chacra w/31, 0.38" holes,
1 SPF:
2896'-2908'
2982'-2994'
3002'-3006'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2896'-3006'	1200 gal 15% HCl w/600 SCF/bbl N ₂
2896'-3006'	80,000 gal 70 Quality Foam &
	122,500# of 10-20 sand & 848,400 SCF of N ₂

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
6-8-83		Flowing				SI to WOPLC on 6-17-83	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6-17-83	3	32/64"	→	0	485	1	---
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
265#	446#	→	---	3880	8	---	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

To be sold

TEST WITNESSED BY

Paul D. Berhost

35. LIST OF ATTACHMENTS

Cementing Record

ACCEPTED FOR RECORD

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

Area Superintendent

DATE 6-20-83

*(See Instructions and Spaces for Additional Data on Reverse Side)

OPERATOR

FARMING DISTRICT

BY

Smr

Lease Name: HARTMAN COM
Lease Number: 7098
Operator Name: BURLINGTON RESOURCES OIL
State: NEW MEXICO
County: SAN JUAN
Field: BLANCO
Sec Twn Rng: 26 30N 11W
Latitude/Longitude: 36.78505 -107.95304
Regulatory #: 7098
API: 30045268450000
Production ID: 2300430452684572319
Reservoir Name: MESAVERDE
Prod Zone: MESAVERDE
Basin Name: SAN JUAN BASIN
Gas Gatherer: ELPS
Liquid Gatherer: MOI
Status: ACTIVE GAS

Well Number: 004
Cum Oil: 1336 since MAY 1988
Cum Gas: 724617
Cum Water: 50 since FEB 1988
First Production Date: JAN 1988
Last Production Date: APR 2000
Spot: NW SE NE
Lat/Long Source: AM
Completion Date:
Total Depth: 5257
Upper Perforation: 4768
Lower Perforation: 5026
Gas Gravity:
Oil Gravity:
Temp Gradient:
N Factor:
GOR:

Gas Tests

Total count: 5

	Test Date	Cum Prod to Test	WHSIP	BHP	BHP/Z	BHP type	Water B/D	Cond B/D	Gas MCF	WHFP
Initial Test	19880305	29456	715						429	308
	19891008	126022	407						1204	151
	19900508	149854	533						131	289
	19911015	192881	584						157	325
	19940131	251025	534						92	188

DAVIS A FEDERAL IM

MesaVerde Offset

2 3/8 " 5012'

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT 1.

DATE

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

USE DESTINATION AND SERIAL NO.

080113

INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF RENOV ☐ Other ☐

2. NAME OF OPERATOR
Meridian Oil Inc.

3. ADDRESS OF OPERATOR
PO Box 4289, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1450'N, 790'E

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED
12. COUNTY OR PARISH San Juan 13. STATE NM

15. DATE SPUDDED 11-05-87 16. DATE T.D. REACHED 11-11-87 17. DATE COMPL. (Ready to prod.) 11-30-87 18. ELEVATIONS (D.F. R.N.B. RT. GR. ETC.)* 6036'GL 19. ELEV. CASINGHEAD 6036'GL

20. TOTAL DEPTH, MD & TVD 5257' 21. PLUG BACK T.D., MD & TVD 5241' 22. IF MULTIPLE COMPL., HOW MANY* 1 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4768-5026' (Mesa Verde)

25. WAS DIRECTIONAL SURVEY MADE no

26. TYPE ELECTRIC AND OTHER LOGS RUN Spectral-Density Epithermal Neutron; Sandcal; Ind.-Temp. 27. WAS WELL CORED no

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT FILLED
9 5/8"	32.3#	231'	12 1/4"	130 cuft	
7"	20.0#	2817'	8 3/4"	523 cuft	
4 1/2"					

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	2695'	5257'	450 cuft		2 3/8"	5012'	

31. PERFORATION RECORD (Interval, size and number)
4768', 4771', 4774', 4777', 4780', 4783', 4801', 4804', 4816', 4819', 4822', 4825', 4828', 4834', 4848', 4858', 4872', 4886', 4929', 4945', 4949', 4961', 4995', 5026' w/1 spz.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
4768'-5026' 94,000# 20/40 sand & 120,422 gal. fluid

33. PRODUCTION
DATE FIRST PRODUCTION 11-30-87 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing to be sold when connected capable of comm. HC WELL STATUS (Producing or shut-in) shut in

DATE OF TEST 12-08-87 HOURS TESTED 3 hrs CHOKER SIZE 3/4" PROD'N. FOR TEST PERIOD 332 OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO
FLOW. TUBING PRESS. 220 CASING PRESSURE 689 CALCULATED 24-HOUR RATE 2658 OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) to be sold TEST WITNESSED BY S. McCament

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.
SIGNED [Signature] TITLE Drilling Clerk DATE 12-14-87

*(See Instructions and Supplemental Data on Reverse Side)

Company: Burlington Resources
Well: Davis "A" Federal No. 1M
Field: San Juan Basin
Engineer: Neil Tefteller
Gauge Type: MicroSmart
Gauge Range: 0-2500
Gauge Depth: 7056 ft
Serial No.: CSN259

County: San Juan
State: New Mexico
Date: 09/19/2000
Well Type:
Test Type: Static Gradient
Status: Shut in
File Name: DAVIS919

Tubing: 2 3/8 TO 7085
Tubing: TO
Casing: TO
Perfs.:
Shut-in Time 24 hrs

Oil Level
H2O Level

Shut-in BHP 2491 @ 7056 ft Shut-in BHT 204 F @ 7056 ft
Shut-in WHP 2147 Shut-in WHT 0 F
Casing CSGP 2145

[Tefteller Incorporated]

#	MD	TVD	PRESSURE	PSI/ft
1	0	0	2147.00	
2	2000	2000	2254.00	0.054
3	4000	4000	2352.00	0.049
4	6000	6000	2445.00	0.047
5	6656	6656	2474.00	0.044
6	7056	7056	2491.00	0.043

1.81 "F" nipple @ 7056' GL
Last Pressure date: 1/31/2000
Last Pressure: 3284 @ 7050'



2030 AFTON PLACE
FARMINGTON, N.M. 87401
(505) 325-6622

ANALYSIS NO. BUR00007
CUST. NO. 52100- 16035

WELL/LEASE INFORMATION

CUSTOMER NAME BURLINGTON RESOURCES
WELL NAME DAVIS A FEDERAL 1M
COUNTY/STATE
LOCATION
FIELD
FORMATION DAKOTA
CUST.STN.NO.

SOURCE
PRESSURE
SAMPLE TEMP
WELL FLOWING Y
DATE SAMPLED 1/28/00
SAMPLED BY DOYLE CLARK
FOREMAN/ENGR.

2" METER RUN
900 PSIG
DEG.F

REMARKS SAMPLED AT 6:10 PM

ANALYSIS

COMPONENT	MOLE %	GPM**	B.T.U.*	SP.GR *
NITROGEN	0.748	0.0000	0.00	0.0072
CO2	1.501	0.0000	0.00	0.0228
METHANE	94.794	0.0000	959.60	0.5251
ETHANE	2.620	0.7008	46.47	0.0272
PROPANE	0.217	0.0598	5.47	0.0033
I-BUTANE	0.023	0.0075	0.75	0.0005
N-BUTANE	0.020	0.0063	0.65	0.0004
I-PENTANE	0.008	0.0029	0.32	0.0002
N-PENTANE	0.005	0.0018	0.20	0.0001
HEXANE PLUS	0.064	0.0279	3.29	0.0021
TOTAL	100.000	0.8071	1,016.75	0.5889

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z) 1.0022
BTU/CU.FT (DRY) CORRECTED FOR (1/Z) 1,019.0
BTU/CU.FT (WET) CORRECTED FOR (1/Z) 1,001.3
REAL SPECIFIC GRAVITY 0.5902

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650 1,013.5
DRY BTU @ 14.696 1,016.6
DRY BTU @ 14.730 1,019.0
DRY BTU @ 15.025 1,039.4

CYLINDER # BUR 117
CYLINDER PRESSURE 920 PSIG
DATE RUN 1/31/00
ANALYSIS RUN BY BOB DURBIN

30N-11W

