

DATE 1/30/01	SUBMITTER 2/19/01	ENGINEER DC	LOGGED IN KW	TYPE DHC	APP NO. 103652040
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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



2882

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

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87505

APPLICATION FOR DOWNHOLE COMMINGLING

Form C-107A
Revised May 15, 2000

APPLICATION TYPE

☒ Single Well

☐ Establish Pre-Approved Pools

EXISTING WELLBORE

☒ Yes ☐ No

Burlington Resources Oil and Gas

3401 East 30th Street, Farmington, New Mexico

Operator

Address

Allison Unit

31

L-14-32N-07W

San Juan

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 14538 Property Code 6784 API No. 30-045-23296 Lease Type: ☐ Federal ☒ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Wildcat Gallup		Basin Dakota
Pool Code	97006		71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	6670-8040'		8343-8463'
Method of Production (Flowing or Artificial Lift)	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 – 1939 psi Original – 1939 psi (see attachment)		Current – 920 psi Original – 1902 psi (see attachment)
Oil Gravity or Gas BTU (Degree API or Gas BTU)	BTU 989		BTU 970
Producing, Shut-In or New Zone	Producing		Shut-In
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: November 2000 Rates: 30 MCFPD	Date: Rates:	Date: May 2000 Rates: 30 MCFPD
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 Randy Buckley TITLE Production Engineer DATE 1-17-01

nco

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

State of New Mexico
Energy, Minerals & Natural Resources Department

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

1980, Hobbs, NM 88241-1980
District II
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 AFI Number 30-045-23296		2 Pool Code /71599		3 Pool Name Wildcat Gallup / Basin Dakota	
4 Property Code 6784		5 Property Name Allison Unit			6 Well Number 31
7 OGRID No. 14538		8 Operator Name Burlington Resources Oil & Gas Company			9 Elevation 6853' GR

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
L	14	32N	7W		1465'	South	810'	West	SJ

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 Acreage Gal - 160 DK-W/320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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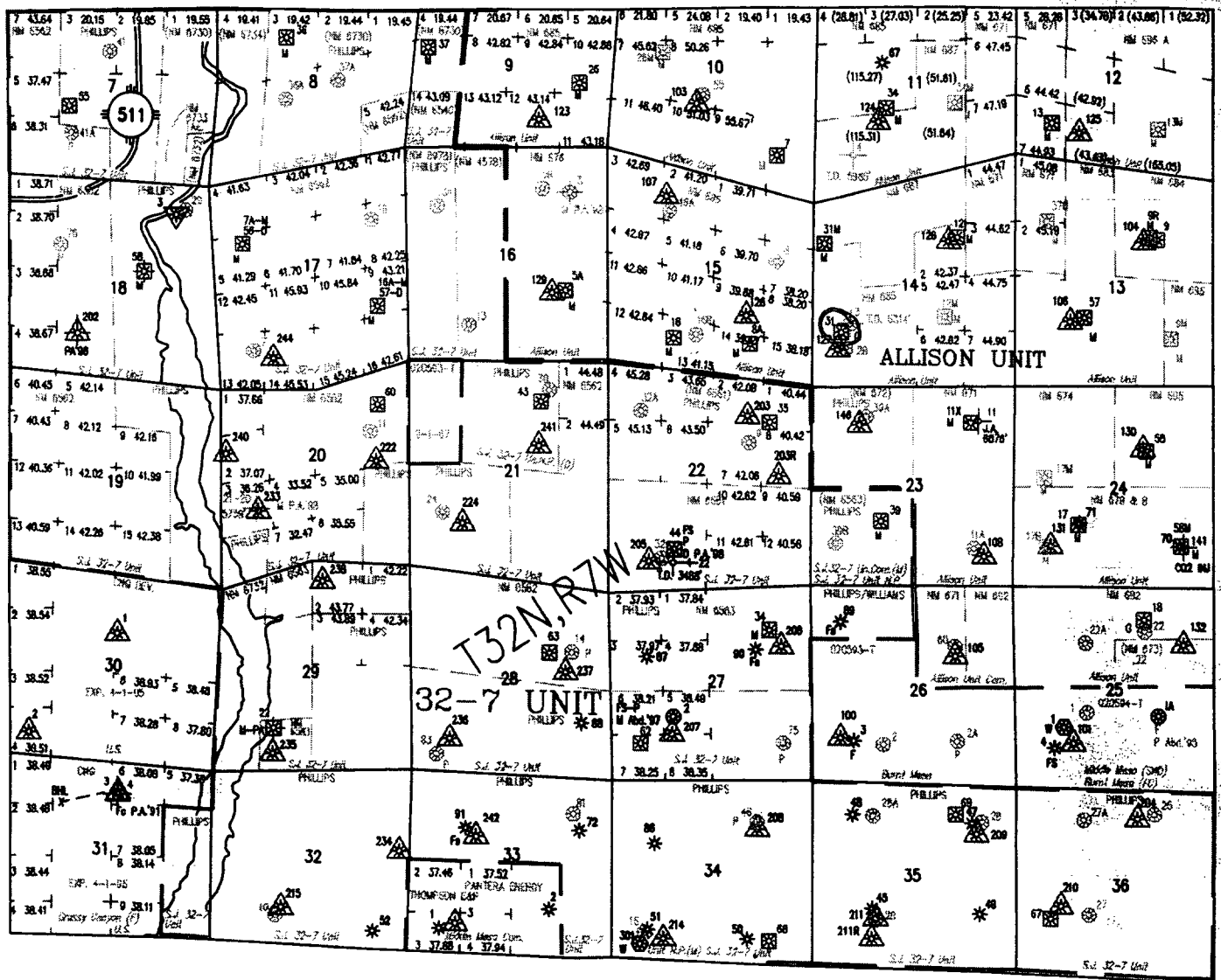
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>10</p> <p>Original plat from Fred B. Kerr Jr. 10-11-73</p>				<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>Peggy Cole</i></p> <p>Signature</p> <p>Peggy Cole</p> <p>Printed Name</p> <p>Regulatory Administrator</p> <p>Title</p> <p>1-26-00</p> <p>Date</p>	
				<p>18 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>Certificate Number</p>	

ALLISON UNIT 31
 Bottom Hole Pressures
 Flowing and Static BHP
 Cullender and Smith Method
 Version 1.0 3/13/94

MANCOS		DAKOTA	
<u>MN-Current</u>		<u>DK-Current</u>	
GAS GRAVITY	0.589	GAS GRAVITY	0.604
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0.2	%N2	0.143
%CO2	3	%CO2	4.704
%H2S	0	%H2S	0
DIAMETER (IN)	1.995	DIAMETER (IN)	1.995
DEPTH (FT)	7672	DEPTH (FT)	8085
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	137	BOTTOMHOLE TEMPERATURE (DEG F)	198
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	1615	SURFACE PRESSURE (PSIA)	776
BOTTOMHOLE PRESSURE (PSIA)	1939.1	BOTTOMHOLE PRESSURE (PSIA)	919.9
<u>MN-Original</u>		<u>DK-Original</u>	
GAS GRAVITY	0.589	GAS GRAVITY	0.604
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0.2	%N2	0.143
%CO2	3	%CO2	4.704
%H2S	0	%H2S	0
DIAMETER (IN)	1.995	DIAMETER (IN)	1.995
DEPTH (FT)	7672	DEPTH (FT)	8085
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	137	BOTTOMHOLE TEMPERATURE (DEG F)	198
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	1615	SURFACE PRESSURE (PSIA)	1587
BOTTOMHOLE PRESSURE (PSIA)	1937.8	BOTTOMHOLE PRESSURE (PSIA)	1902.3

L, Sec 14, 32N, 7W



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE
(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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>						5. LEASE DESIGNATION AND SERIAL NO. SF-078459-B	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR <input checked="" type="checkbox"/> Other <input type="checkbox"/>						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR BURLINGTON RESOURCES OIL & GAS COMPANY						7. UNIT AGREEMENT NAME Allison Unit	
3. ADDRESS AND TELEPHONE NO. PO BOX 4289, Farmington, NM 87499 (505) 326-9700						8. FARM OR LEASE NAME, WELL NO. Allison Unit #31	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1465'FSL, 810'FWL At top prod. interval reported below At total depth						9. API WELL NO. 30-045-23296	
14. PERMIT NO. DATE ISSUED						12. COUNTY OR PARISH San Juan	
15. DATE SPURRED 9-17-79						13. STATE New Mexico	
16. DATE T.D. REACHED 9-29-79						18. ELEVATIONS (DF, RKB, RT, BR, ETC.)* 6853'GL	
17. DATE COMPL. (Ready to prod.) 6-13-00						19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 8473'		21. PLUG BACK T.D., MD & TVD 8170'		22. IF MULTIPLE COMPL. HOW MANY*		23. INTERVALS DRILLED BY	
24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* 6670-8040' Gallup						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN CBL/GR/CCL						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE/GRADE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
9 5/8		32.3#		229'		13 3/4"	
7		20#		4130'		8 3/4"	
4 1/2		10.5#		8473'		6 1/4"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2 3/8		8085'					
31. PERFORATION RECORD (Interval, size and number) 6670-7265', 7560-7696', 8020-8030', 8030-8040'							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
Sqz @ 6022-6088'				300 sx 50/50 poz w/2% gel, 0.3% Halad-344, 0.4% versaset.			
6670-7265'				1321 bbl 30# x-link gel, 80,000# 20/40 Brady sand.			
7560-7696'				974 bbl 30# x-link gel, 55,000# 20/40 Brady sand.			
8020-8040'				1228 bbl 40# x-link gel, 60,000# 20/40 Brady sand.			
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) SI	
DATE OF TEST 6-13-00		HOURS TESTED		CHOKE SIZE		PROD'N FOR TEST PERIOD	
FLOW. TUBING PRESS. SI 710		CASING PRESSURE SI 710		CALCULATED 24-HOUR RATE		OIL-BBL	
						GAS-MCF	
						WATER-BBL	
						GAS-OIL RATIO	
						OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold						TEST WITNESSED BY	
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 [Signature]		TITLE Regulatory Supervisor				DATE 6-19-00	

*(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 or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

OPERATOR

ACCEPTED FOR RECORD

JUN 22 2000

OFFICE
[Signature]

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See 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
El Paso Natural Gas Company

3. ADDRESS OF OPERATOR
Box 289, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1465'S, 810'W
At top prod. interval reported below
At total depth

14. PERMIT NO. DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

SF 078459-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Allison Unit

8. FARM OR LEASE NAME

Allison Unit

9. WELL NO.

31

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 14, T-32-N- R-7-W
N.M.P.M.

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

15. DATE SPUDDED 9-17-79 16. DATE T.D. REACHED 9-29-79 17. DATE COMPL. (Ready to prod.) 11-26-79 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6853' GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 8473' 21. PLUG, BACK T.D., MD & TVD 8466' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS 0-8473' CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8343-8463' (Dak) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN FDC-GR; I-GR; Temp. Survey 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	32.3#	229'	13 3/4"	224 cu. ft.	
7"	20#	4130'	8 3/4"	345 cu. ft.	
4 1/2"	10.5#	8473'	6 1/4"	674 cu. ft.	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1.9"	8422'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
8343,8349,8355,8395,8401,8412,8423,8437,8463' W/1 SPZ.		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		8343-8463'	81,370# sd, 61,740 gal . wtr.

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		After Frac Gauge 646 MCF/D				Shut-In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-26-79							
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
SI 1512	SI 1587						

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY T. McAndrews

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

D. G. Suico

TITLE Drilling Clerk

DATE November 28, 1979

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

GEOLOGICAL SURVEY
JUL 23, 1980

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

P. O. Box 2089

Santa Fe, New Mexico 87504-2088

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

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 ☐

DEEPEN ☐

PLUG
BACK ☐

DIFF
RESVR ☐

☒

OTHER ☐

WELL API NO.

30-045-21319

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Allison Unit

2. Name of Operator

BURLINGTON RESOURCES OIL & GAS COMPANY

3. Address of Operator

PO BOX 4289, Farmington, NM 87499

8. Well No.

18

9. Pool name or Wildcat

Wildcat Gallup/Basin Dakota

4. Well Location

Unit Letter B : 825 Feet From The North Line and 1850 Feet From The East Line.

Section 25 Township 32N Range 7W NMPM San Juan County, NM

10. Date Spudded
10-25-73

11. Date T.D. Reached
11-4-73

12. Date Compl. (Ready to Prod.)
6-28-00

13. Elevations (DF&RKB, RT, GR, etc.)
6451'GL

14. Elev. Casinghead

15. Total Depth
8093'

16. Plug Back T.D.
7800'

17. If Multiple Compl. How
Many Zones?

18. Intervals
Drilled By

Rotary Tools
0-8093'

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name
6605-7640' Gallup

20. Was Directional Survey Made
No

21. Type Electric and Other Logs Run
GR-CCL-CBL

22. Was Well Cored
No

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

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8	32.3#	233'	13 3/4"	225 cu. ft.	
7	20#	3684'	8 3/4"	285 cu. ft.	
4 1/2	11.6#/10.5#	8093'	6 1/4"	677 cu. ft.	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	7672'	

25. TUBING RECORD

26. Perforation record (interval, size, and number)
6605-10', 6770-75', 6860-65', 7025-30', 7085-90', 7170-75',
7250-60', 7620-7640'

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6605-7260'	990 bbl 25# x-link gel wtr, 100,000# 20/40 Brady sand.
7620-7640'	1116 bbl 35# hibor gel wtr, 100,000# 20/40 Brady sand.

28. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) SI	
Date of Test 6-28-00	Hours Tested	Choke Size	Prod'n for Test Period	Oil - Bbl. Gas - MCF Water - Bbl.	Gas - Oil Ratio	
Flow Tubing Press. SI 1615	Casing Pressure SI 1615	Calculated 24- Hour Rate	Oil - Bbl. Gas - MCF Water - Bbl.	Oil Gravity - API - (Corr.) 409 Pitot gauge		

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

To be sold

Test Witnessed By

30. List Attachments

None

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature

Tammy W. Smith

Printed

Name Peggy Cole

Title

Regulatory Supervisor

Date 7-5-00

DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	2
LAND OFFICE	
OPERATOR	2

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Offset well to Allison 31

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

1a. TYPE OF WELL				7. Unit Agreement Name			
OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____				Allison Unit			
b. TYPE OF COMPLETION				8. Farm or Lease Name			
NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____				Allison Unit			
2. Name of Operator				9. Well No.			
El Paso Natural Gas Company				18			
3. Address of Operator				10. Field and Pool, or Wildcat			
PO Box 990, Farmington, NM 87401				Basin Dakota			
4. Location of Well				12. County			
UNIT LETTER <u>B</u> LOCATED <u>825</u> FEET FROM THE <u>North</u> LINE AND <u>1850</u> FEET FROM				San Juan			
THE <u>East</u> LINE OF SEC. <u>25</u> TWP. <u>32N</u> RGE. <u>7W</u> NMPM							
15. Date Spudded		16. Date T.D. Reached		17. Date Compl. (Ready to Prod.)		18. Elevations (DF, RKB, RT, GR, etc.)	
10-25-73		11-4-73		11-23-73		6451'GL	
19. Elev. Casinghead							
20. Total Depth		21. Plug Back T.D.		22. Intervals Drilled By		23. Intervals Drilled By	
8093'		8077'				0-8093'	
24. Producing Interval(s), of this completion - Top, Bottom, Name				25. Was Directional Survey Made			
7920-8050' (Dakota)				no			
26. Type Electric and Other Logs Run				27. Was Well Cored			
FDC-GR; IL-GR; Temp. Survey				no			
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
9 5/8"	32.3#	233'	13 3/4"	225 cu ft.			
7"	20#	3684'	8 3/4"	285 cu. ft.			
4 1/2"	11.6#/10.5#	8093'	6 1/4"	677 cu. ft.			
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	8052'	
31. Perforation Record (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
7934', 7936', 7982', 7984', 8000', 8018' and 8050' with one shot per zone. Sanded off.				DEPTH INTERVAL			
7920-36', 7966-84', 7994-8000', 8010-18', and 8040-50' with 12 shots per zone				AMOUNT AND KIND MATERIAL USED			
				7920-8050' - 82, 854# sand; 67, 620 gal. water			
33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
		flowing				shut in	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
11-23-73	3	3/4"					
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
SI 2184	SI 2695			1451 AOF			
34. Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By	
						J.B. Goodwin	
35. List of Attachments							
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.							
SIGNED <u>A. G. Duice</u>				TITLE <u>Drilling Clerk</u>		DATE <u>December 13, 1973</u>	

RECEIVED
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OIL CON. COM.
DIST. 3

ALLISON 18-DK
T-32-7-25

AI Number	Meter Number	Well	Formation	Sample Date	Test Pressure	Test Temperature	Wet BTU Factor (BTU/CF)	Dry BTU Factor (BTU/CF at 14.73)	Mol % H ₂	Mol % He	Mol % N ₂	Mol % O ₂
4404401	86711	ALLISON UNIT 18 (DK)	DK	19970401	14.73			957.066	974	0	0	0.2
4404401	86711	ALLISON UNIT 18 (DK)	DK	19921204	14.73			939.379	956	0	0	1.33
4404401	86711	ALLISON UNIT 18 (DK)	DK	19911230	14.73			945.274	962	0	0	0.71
4404401	86711	ALLISON UNIT 18 (DK)	DK	19890701	14.73			952	969	0	0	0.33
4404401	86711	ALLISON UNIT 18 (DK)	DK	19890601	14.73			952	969	0	0	0.33
4404401	86711	ALLISON UNIT 18 (DK)	DK	19890301	14.73			954	971	0	0	0.44
4404401	86711	ALLISON UNIT 18 (DK)	DK	19890201	14.73			955	972	0	0	0.44
4404401	86711	ALLISON UNIT 18 (DK)	DK	19890101	14.73			955	972	0	0	0.44

Offset to Allison 31

Allison 18-DK

Mol % H2S	Mol % CO2	Mol % C1	Mol % C2	Mol % C3	Mol % C4	Mol % NC4	Mol % C5	Mol % C6	Mol % C6+	Mol % C7	Field Measured Specific Gravity	Calculated Specific Gravity
0	4.26	95.07	0.37	0.06	0.02	0.02	0	0	0	0	0	0.6
0	4.65	93.73	0.26	0	0.02	0.01	0	0	0	0	0	0.607
0	4.67	94.41	0.17	0	0.02	0.01	0	0	0.01	0	0	0.604
0	4.43	94.87	0.29	0.06	0.01	0.01	0	0	0	0	0	0
0	4.43	94.87	0.29	0.06	0.01	0.01	0	0	0	0	0	0
0	4.23	94.85	0.37	0.08	0.02	0.01	0	0	0	0	0	0
0	4.23	94.85	0.37	0.08	0.02	0.01	0	0	0	0	0	0
0	4.23	94.85	0.37	0.08	0.02	0.01	0	0	0	0	0	0

Offset well to Allison 31



Name ALLISON UNIT 18 86711

Analysis Name

Offset well to Allison 31

Analysis: 1:1

Analysis

Effective Date

07/13/2000

Hydrogen (H2)

MOL Fraction

0.00000

MOL Count

0.0000

Helium (He)

0.00000

0.0000

Sample Date

07/01/2000

Nitrogen (N2)

0.00200

0.0000

Pressure Base BTU

14.7300

Carbon Dioxide (CO2)

0.03003

0.0000

Wet/Dry

Dry

Hydrogen Sulphide (H2S)

0.00000

0.0000

Heat Content

0.98900000

Methane (C1)

0.96240

0.0000

Specific Gravity

0.589

Ethane (C2)

0.00434

0.0000

Coefficient Factor

0.0000

Propane (C3)

0.00050

0.0000

Calculation Type

☒ Enter Percentages☐ Enter GPM

Isobutane (IB4)

0.00004

0.0000

Butane

0.00002

0.0000

Isopentane (IP5)

0.00007

0.0000

Pentane (P5)

0.00013

0.0000

Hexane (C6)

0.00047

0.0000

Heptane (C7)

0.00000

0.0000

02%

Related To

0.00000

Hexane Plus GPM

0.0006

0.00000

1.00000

0.00000

07/13/2000

4:5



Name: ALLISON UNIT 31 85240
Analysis Name:

Analysis: 1:1

		MOL Fraction	MOL Count		
Effective Date	04/29/2000	Hydrogen (H2)	0.00000	0.0000	
		Helium (He)	0.00000	0.0000	
Sample Date	04/01/2000	Nitrogen (N2)	0.00143	0.0000	
Pressure Base BTU	14.7300	Carbon Dioxide (CO2)	0.04704	0.0000	
Wet/Dry	Dry	Hydrogen Sulphide (H2S)	0.00000	0.0000	
Heat Content	0.97000000	Methane (C1)	0.94837	0.0000	
Specific Gravity	0.604	Ethane (C2)	0.00226	0.0000	
Coefficient Factor	0.0000	Propane (C3)	0.00007	0.0000	
Calculation Type		Isobutane (IB4)	0.00007	0.0000	
<input checked="" type="radio"/> Enter Percentages		Butane	0.00021	0.0000	
<input type="radio"/> Enter GPM		Isopentane (IP5)	0.00008	0.0000	
Related To		Pentane (P5)	0.00011	0.0000	
O2%	0.00000	Hexane (C6)	0.00000	0.0000	
Hexane Plus GPM	0.0000	Heptane (C7)	0.00000	0.0000	
C9 %	0.00036	Final Totals	Total	0.9996	0.00000

04/29/2000 2.4

01/15/2001 10:41:50 AM 90% 1