

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

JAN 30 2001
 RECEIVED

- [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 _____ Regulatory Supervisor 1-29-01
 Print or Type Name Signature Title Date

 pbradfield@br-inc.com
 e-mail Address

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised May 15, 2000

District II
811 South First Street, Artesia, NM 88210

OIL CONSERVATION DIVISION

APPLICATION TYPE

District III
1000 Rio Brazos Road, Aztec, NM 87410

2040 South Pacheco
Santa Fe, New Mexico 87505

Single Well
 Establish Pre-Approved Pools
EXISTING WELLBORE
 Yes No

District IV
2040 South Pacheco, Santa Fe, NM 87505

APPLICATION FOR DOWNHOLE COMMINGLING

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 <small>(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)</small>	Current - 1939 psi Original - 1939 psi (see attachment)		Current - 920 psi Original - 1902 psi (see attachment)
Oil Gravity or Gas BTU <small>(Degree API or Gas BTU)</small>	BTU 989		BTU 970
Producing, Shut-In or New Zone	Producing		Shut-In
Date and Oil/Gas/Water Rates of Last Production. <small>(Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)</small>	Date: November 2000 Rates: 30 MCFPD	Date: Rates:	Date: May 2000 Rates: 30 MCFPD
Fixed Allocation Percentage <small>(Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)</small>	Oil Gas Supplied Upon Completion	Oil Gas	Oil Gas Supplied Upon Completion

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes No
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? 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  TITLE Production Engineer DATE 1-17-01
nco
TYPE OR PRINT NAME Randy Buckley TELEPHONE NO. (505) 326-9700

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

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

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 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>16</p> <p>Original plat from Fred B. Kerr Jr. 10-11-73</p>	<p>17 OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i></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>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.</i></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

**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 GAS WELL DRY Other _____

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

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, WELL NO.
Allison Unit #31

9. API WELL NO.
30-045-23296

10. FIELD AND POOL, OR WILDCAT
Wildcat Gallup/Basin Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 14, T-32-N, R-7-W

2. NAME OF OPERATOR
BURLINGTON RESOURCES OIL & GAS COMPANY

3. ADDRESS AND TELEPHONE NO.
PO BOX 4289, Farmington, NM 87499 (505) 326-9700

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

14. PERMIT NO. _____ DATE ISSUED _____

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

15. DATE SPUNNED 9-17-79 16. DATE T.D. REACHED 9-29-79 17. DATE COMPL. (Ready to prod.) 6-13-00

18. ELEVATIONS (DF, RKB, RT, BR, ETC.)* 6853'GL

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 _____ ROTARY TOOLS 0-8473' CABLE TOOLS _____

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	TOP OF CEMENT, 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

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

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	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL—BBL	GAS—MCF	WATER—BBL	GAS-OIL RATIO
6-13-00							

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL	GAS—MCF	WATER—BBL	OIL GRAVITY-API (CORR.)
SI 710	SI 710			215 Pitot gauge		

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 Dee Dee Cole TITLE Regulatory Supervisor DATE 6-19-00

ACCEPTED FOR RECORD

*(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.

JUN 22 2000

OFFICE
SM

OPERATOR

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 [X] DRY [] Other []

b. TYPE OF COMPLETION: NEW WELL [X] 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., N., 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 SPURRED 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 0-8473' ROTARY TOOLS 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

Table with 5 columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Rows include 9 5/8", 7", and 4 1/2" casing sizes.

Table with 8 columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT*, SCREEN (MD), SIZE, DEPTH SET (MD), PACKER SET (MD). Rows include 1.9" tubing size.

31. PERFORATION RECORD (Interval, size and number) 8343,8349,8355,8395,8401,8412,8423,8437, 8463' W/1 SPZ.

Table with 2 columns: DEPTH INTERVAL (MD), AMOUNT AND KIND OF MATERIAL USED. Row includes 8343-8463' interval with 81,370# sd and 61,740 gal. wtr.

33.* PRODUCTION DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) After Frac Gauge 646 MCF/D WELL STATUS (Producing or shut-in) Shut-In

DATE OF TEST 11-26-79 HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO

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 [Signature] TITLE Drilling Clerk DATE November 28, 1979

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

U.S. GEOLOGICAL SURVEY

Submit to Appropriate District Office
 State Lease - 6 copies
 Fee Lease - 5 copies
DISTRICT I
 P.O. Box 1980, Hobbs, NM 88240
DISTRICT II
 P.O. Drawer DD, Artesia, NM 88210

State of New Mexico
 Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
 P. O. Box 2089
 Santa Fe, New Mexico 87504-2088

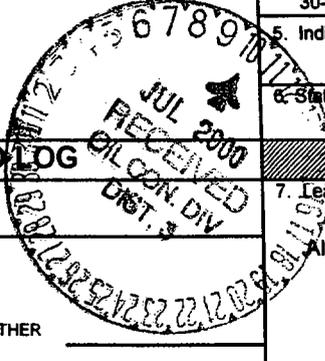
Offset well to Allison 31

Form C-105
 Revised 1-1-89

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

WELL API NO. 30-045-21319
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.

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 _____

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
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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
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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					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	7672'	

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 409 Pitot gauge	Water - Bbl.	Oil Gravity - API - (Corr.)

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 Wimpall 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 Fee

5. State Oil & Gas Lease No.

1a. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER _____

b. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER _____

2. Name of Operator
El Paso Natural Gas Company

3. Address of Operator
PO Box 990, Farmington, NM 87401

4. Location of Well
UNIT LETTER B LOCATED 825 FEET FROM THE North LINE AND 1850 FEET FROM _____

7. Unit Agreement Name
Allison Unit

8. Farm or Lease Name
Allison Unit

9. Well No.
18

10. Field and Pool, or Wildcat
Basin Dakota

11. THE East LINE OF SEC. 25 TWP. 32N RGE. 7W NMPM

12. County
San Juan

15. Date Spudded 10-25-73
16. Date T.D. Reached 11-4-73
17. Date Compl. (Ready to Prod.) 11-23-73
18. Elevations (DF, RKB, RT, GR, etc.) 6451'GL
19. Elev. Casinghead

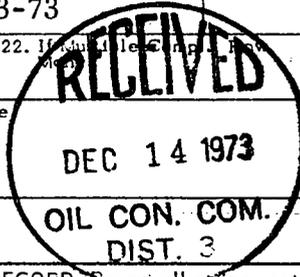
20. Total Depth 8093'
21. Plug Back T.D. 8077'
22. Intervals Drilled By
23. Intervals Drilled By Rotary Tools Cable Tools
0-8093'

24. Producing interval(s), of this completion - Top, Bottom, Name
7920-8050' (Dakota)

25. Was Directional Survey Made
no

26. Type Electric and Other Logs Run
FDC-GR; IL-GR; Temp. Survey

27. Was Well Cored
no



28. CASING RECORD (Report all stringers 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

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"	8052'	

31. Perforation Record (Interval, size and number)
7934', 7936', 7982', 7984', 8000', 8018' and 8050' with one shot per zone. Sanded off.
7920-36', 7966-84', 7994-8000', 8010-18', and 8040-50' with 12 shots per zone

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

DEPTH INTERVAL	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) flowing Well Status (Prod. or Shut-in) shut in

Date of Test 11-23-73 Hours Tested 3 Choke Size 3/4" Prod'n. For Test Period _____ Oil - Bbl. _____ Gas - MCF _____ Water - Bbl. _____ Gas - Oil Ratio _____

Flow Tubing Press. SI 2184 Casing Pressure SI 2695 Calculated 24-Hour Rate _____ Oil - Bbl. _____ Gas - MCF 1451 AOF Water - Bbl. _____ Oil Gravity - API (Corr.) _____

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 A. G. Buisson TITLE Drilling Clerk DATE December 13, 1973

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	60	957.066	974	0	0	0.2	
4404401	86711	ALLISON UNIT 18 (DK)	DK	19921204	14.73	60	939.379	956	0	0	1.33	
4404401	86711	ALLISON UNIT 18 (DK)	DK	19911230	14.73	60	945.274	962	0	0	0.71	
4404401	86711	ALLISON UNIT 18 (DK)	DK	19890701	14.73	60	952	969	0	0	0.33	
4404401	86711	ALLISON UNIT 18 (DK)	DK	19890601	14.73	60	952	969	0	0	0.33	
4404401	86711	ALLISON UNIT 18 (DK)	DK	19890301	14.73	60	954	971	0	0	0.44	
4404401	86711	ALLISON UNIT 18 (DK)	DK	19890201	14.73	60	955	972	0	0	0.44	
4404401	86711	ALLISON UNIT 18 (DK)	DK	19890101	14.73	60	955	972	0	0	0.44	

Affect to Allison 31

Allison 18-DK

Mol % H2S	Mol % CO2	Mol % C1	Mol % C2	Mol % C3	Mol % C4	Mol % NC4	Mol % C5	Mol % NC5	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	0.6
0	4.65	93.73	0.26	0	0.02	0.01	0	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	0.604
0	4.43	94.87	0.29	0.06	0.01	0.01	0	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
0	4.23	94.85	0.37	0.08	0.02	0.01	0	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
0	4.23	94.85	0.37	0.08	0.02	0.01	0	0	0	0	0	0	0

Offset well to Allison 31



Name: ALLISON UNIT 18 86711
 Analysis Name: [Empty Field]

Offset well to Allison 31

Analysis: [Navigation icons]

1 : 1

Analysis

		MOL Fraction	MOL Count
Effective Date	07/13/2000	Hydrogen (H2)	0.00000 0.0000
Sample Date	07/01/2000	Helium (He)	0.00000 0.0000
Pressure Base BTU	14.7300	Nitrogen (N2)	0.00200 0.0000
Wet/Dry	Dry	Carbon Dioxide (CO2)	0.03003 0.0000
Heat Content	0.98900000	Hydrogen Sulphide (H2S)	0.00000 0.0000
Specific Gravity	0.589	Methane (C1)	0.96240 0.0000
Coefficient Factor	0.0000	Ethane (C2)	0.00434 0.0000
Calculation Type		Propane (C3)	0.00050 0.0000
<input checked="" type="radio"/> Enter Percentages		Isobutane (IB4)	0.00004 0.0000
<input type="radio"/> Enter GPM		Butane	0.00002 0.0000
Related To		Isopentane (IP5)	0.00007 0.0000
O2%	0.00000	Pentane (P5)	0.00013 0.0000
Hexane Plus GPM	0.0006	Hexane (C6)	0.00047 0.0000
	0.00000	Heptane (C7)	0.00000 0.0000
			1.00000 0.00000

07/13/2000 [Navigation icons]

4 : 5



Name: ALLISON UNIT 31 85240

Analysis Name: [Empty]

Analysis: [Navigation icons] 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	0.0000

04/29/2000 [Navigation icons] 2.4