

DATE IN 8/18/00	SUSPENSE 9/7/00	ENGINEER DC	LOGGED KV	TYPE DHC
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION  
- Engineering Bureau -

23532975  
289

**ADMINISTRATIVE APPLICATION COVERSHEET**

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

**Application Acronyms:**

[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]  
[DD-Directional Drilling] [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 - Directional Drilling  
NSL NSP DD SD

Check One Only for [B] and [C]

[B] Commingling - Storage - Measurement

X DHC CTB PLC PC OLS OLM

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

AUG 18

[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] X 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** - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all 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, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Peggy Cole

Print or Type Name

Signature

Regulatory/Compliance Administrator

Title

Date

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  
X Single Well  
Establish Pre-Approved Pools  
EXISTING WELLBORE  
X Yes No

APPLICATION FOR DOWNHOLE COMMINGLING

Burlington Resources Oil and Gas 3401 East 30<sup>th</sup> Street, Farmington, New Mexico  
Operator Address  
Richardson 8E H - 10 - 31N - 12W San Juan County, New Mexico  
Lease Well No. Unit Letter-Section-Township-Range County  
OGRID No. 14538 Property Code 7422 API No. 30-045-24019 Lease Type: X Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Dusenberry Gallup		Basin Dakota
Pool Code	76180		71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	5944 - 6920'		7186 - 7410'
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 - 1970 Original - 1970		Current - 714 Original - 1463
Oil Gravity or Gas BTU (Degree API or Gas BTU)	970		1134
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: June 30, 2000 Rates: 8 MCFD	Date: Rates:	Date: March 2, 2000 Rates: 77 MCFD
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 % %	Oil Gas Supplied Upon Completion

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes X No  
Are all produced fluids from all commingled zones compatible with each other? Yes X No  
Will commingling decrease the value of production? Yes No X  
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 X 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 8-14-00  
nco  
TYPE OR PRINT NAME Randy Buckley TELEPHONE NO. (505) 326-9700

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

API Number 30-045-24019	Pool Code 76180/71599	Pool Name Dusenberry Gallup/Basin Dakota
Property Code 7422	Property Name Richardson	Well Number 8E
OGRID No. 14538	Operator Name Burlington Resources Oil & Gas Company	Elevation 6183' GR

<sup>10</sup> Surface Location

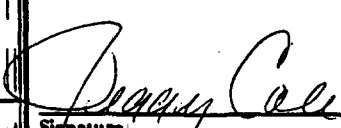
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
H	10	31N	12W		1590'	North	1070'	East	SJ

<sup>11</sup> Bottom Hole Location If Different From Surface

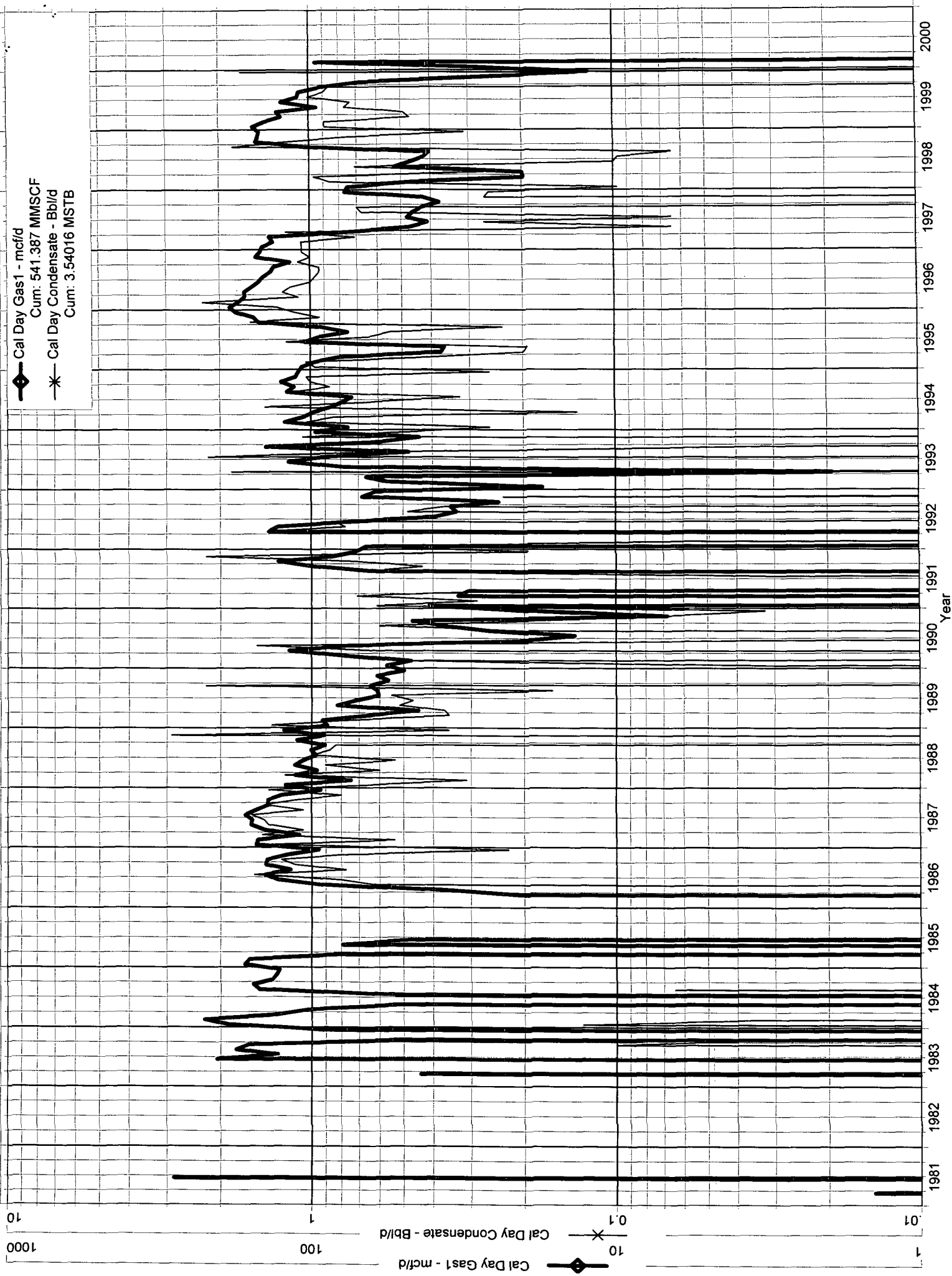
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres Gal-160 DK-E/320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

16	Original plat from Fred B. Kerr Jr. 10-11-79	1590'	1070'	<b>17 OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief   Signature Peggy Cole Printed Name Regulatory Administrator Title 1-11-00 Date
				<b>18 SURVEYOR CERTIFICATION</b> 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.  Date of Survey Signature and Seal of Professional Surveyer:  Certificate Number

RICHARDSON 8E 6656101 (257447419047.106) Data: Oct.1980-Jun.2000



All distances must be from the outer boundaries of the Section.

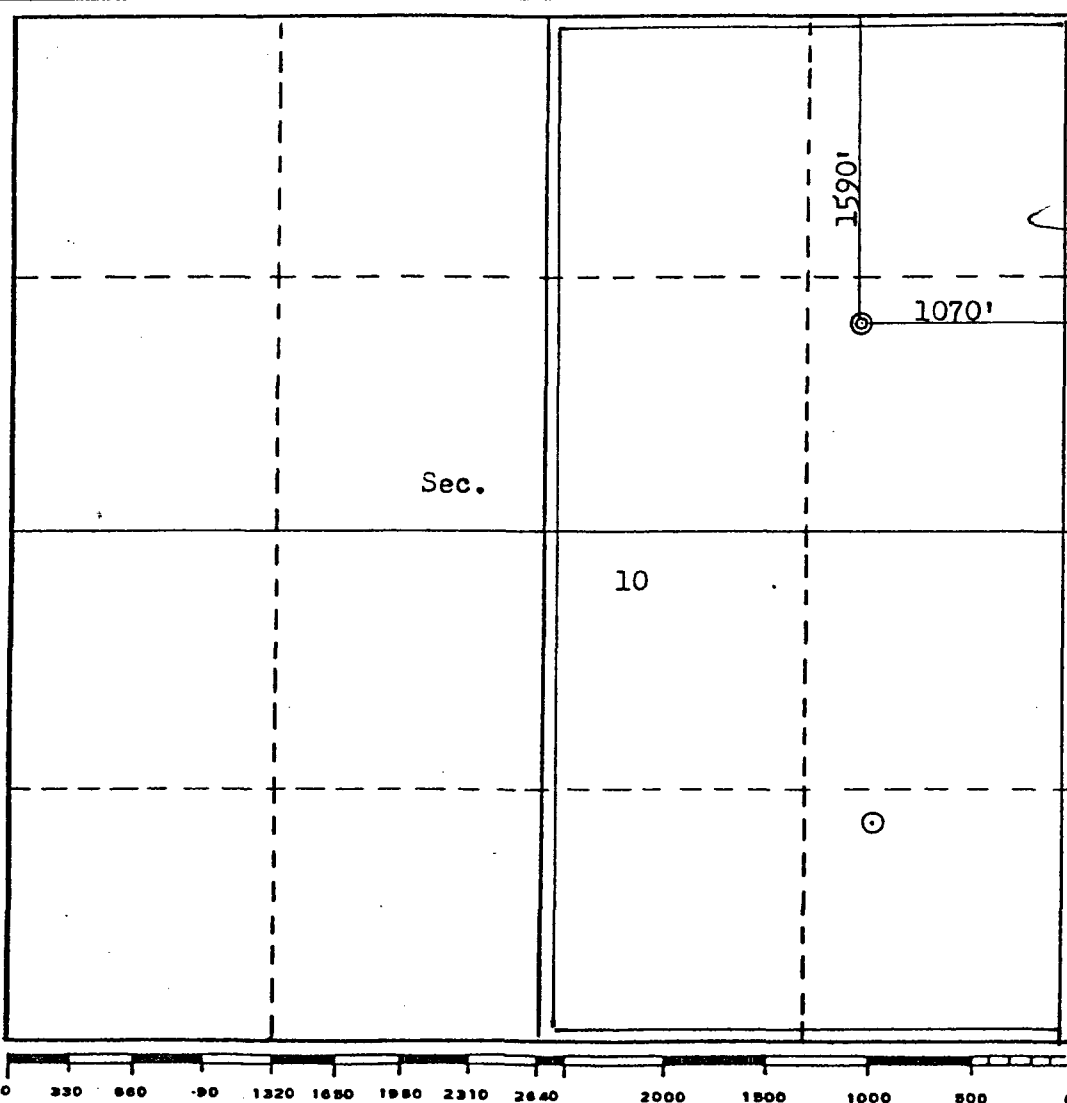
Operator SOUTHLAND ROYALTY COMPANY			Lease RICHARDSON		Well No. 8-E
Unit Letter H	Section 10	Township 31N	Range 12W	County San Juan	
Actual Footage Location of Well: 1590 feet from the North line and 1070 feet from the East line					
Ground Level Elev. 6183	Producing Formation Dakota - Pictured Cliffs		Pool Basin - Blanco	Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



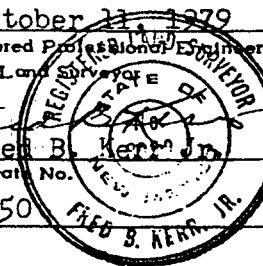
## CERTIFICATION

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

Name  
L. O. Van Ryan  
Position  
District Production Manager  
Company  
Southland Royalty Company  
Date  
November 6, 1979

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 knowledge and belief.

Date Surveyed  
October 21, 1979  
Registered Professional Engineer  
and/or Land Surveyor  
Fred B. Kern, Jr.  
Certificate No.  
3950



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DATE  
(See 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"/>		200 MAR 21 PM 12:58	
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"/>		070 FARMINGTON, NM	
2. NAME OF OPERATOR BURLINGTON RESOURCES OIL & GAS COMPANY		9. API WELL NO. 30-045-24019	
3. ADDRESS AND TELEPHONE NO. PO BOX 4289, Farmington, NM 87499 (505) 326-9700		10. FIELD AND POOL, OR WILDCAT Dusenberry Gallup/Basin Dakota	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1590'FNL, 1070'FEL  At top prod. interval reported below  At total depth		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  Sec.10, T-31-N, R-12-W	
14. PERMIT NO.		DATE ISSUED	
12. COUNTY OR PARISH San Juan		13. STATE New Mexico	
15. DATE SPUDDED 6-7-80	16. DATE T.D. REACHED 7-3-80	17. DATE COMPL. (Ready to prod.) 3-13-00	18. ELEVATIONS (OF, RKB, RT, BR, ETC.)* 6183' GR
19. ELEV. CASINGHEAD			
20. TOTAL DEPTH, MD & TVD 7450'	21. PLUG. BACK T.D., MD & TVD CIBP @ 7050'	22. IF MULTIPLE COMPL. HOW MANY*	23. INTERVALS DRILLED BY 0-7450'
24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* 5944-6920' Gallup			25. WAS DIRECTIONAL SURVEY MADE NO
26. TYPE ELECTRIC AND OTHER LOGS RUN IES, GR-Density, GR-Induction			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#	218'	12 1/4"
7"	23#	4929'	8 3/4"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
4 1/2"	4761'	7448'	315 sx
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	7010'	CIBP @ 7050'	
31. PERFORATION RECORD (Interval, size and number) 5944-5954', 5994-6004', 6073-6083', 6220-6230', 6280-6290', 6340-6350', 6900-6920'		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		5944-6083'	1420 bbl 35# lnr gel, 100,000# 20/40 AZ snd
		6220-6350'	747 bbl 25# lnr gel, 62,365# 20/40 AZ snd
		6900-6920'	531 bbl 25# lnr gel, 31,682# 20/40 Brady snd
		Sqz holes @ 7120'	350 sx Class "B" 50/50 poz w/2% gel, .4% Halad-344, 2% CFR-3, .1% HR-5 (441 cu ft).
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 3-13-00	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD
			OIL-BBL 123 Pitot gauge
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	GAS-MCF WATER-BBL
SI 480	SI 490		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

TITLE Regulatory Administrator

DATE 3-20-00

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

OPERATOR

FARMINGTON FIELD OFFICE  
BY SMH

4AR 27 2000

ACCEPTED FOR RECORD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

Other in-  
structions 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

Southland Royalty Company

3. ADDRESS OF OPERATOR

P. O. Drawer 570, Farmington, NM 87401

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

At surface

1590' FNL &amp; 1070' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

FARMINGTON DISTRICT

U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.

15. DATE SPUDDED 6-7-80 16. DATE T.D. REACHED 7-3-80 17. DATE COMPL. (Ready to prod.) 10-1-80 18. ELEVATIONS (DF, RES, RT, GR, ETC.)\* 6183' GR 19. ELEV. CASINGHEAD  
20. TOTAL DEPTH, MD & TVD 7450' 21. PLUG, BACK T.D., MD & TVD 7420' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS 0'-7450'  
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* Dakota: 7186' - 7410'  
25. WAS DIRECTIONAL SURVEY MADE Deviation  
26. TYPE ELECTRIC AND OTHER LOGS RUN IES, GR-Density, GR-Induction 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"	32.30#	218'	12 1/4"	110 sacks	
7"	23#	4929'	8 3/4"	390 SX	

## 29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	4761'	7448'	315		2 3/8"	7393'	---

31. PERFORATION RECORD (Interval, size and number) DK: 7186', 7193', 7200', 7257', 7269', 7274', 7282', 7295', 7304', 7356', 7401', 7410'. (12 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7186'-7410'	125,295 gals 30# gel & 38,860# 20/40 sd.

## 33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing 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
10-20-80	24 hrs	---	→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
---	---	→		PTG 217 MCF			

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

Sold

TEST WITNESSED BY

Leroy Castleman

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

TITLE District Production Manager

DATE

12-16-80

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

OPERATOR



**Gas Analysis Information**

Name: RICHARDSON 9E DK

Analysis Name:

Analysis: 1:1

Effective Date: 04/16/1999

Sample Date:

Pressure Base BTU: 14.6500

Wet/Dry: Dry

BTU: 1.00000000

Specific Gravity: 0.600

Calculation Type:  
☐ Enter Percentages  
☐ Enter GPM

Related To

	MOL Fraction	MOL Count	
Hydrogen (H2)	0.00000	0.0000	
Helium (He)	0.00000	0.0000	
Nitrogen (N2)	0.00000	0.0000	
Carbon Dioxide (CO2)	0.00000	0.0000	
Hydrogen Sulphide (H2S)	0.00000	0.0000	
Methane (C1)	0.00000	0.0000	
Ethane (C2)	0.00000	0.0000	
Propane (C3)	0.00000	0.0000	
Isobutane (IB4)	0.00000	0.0000	
Butane	0.00000	0.0000	
Isopentane (IP5)	0.00000	0.0000	
Pentane (P5)	0.00000	0.0000	
Hexane (C6)	0.00000	0.0000	
Heptane (C7)	0.00000	0.0000	
Total	0.0000	0.00000	
02 GPM	0.0000	Hexanes Plus GPM	0.0000

04/16/1999 4:4

Date: 0:0



**Richardson #8E**

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	0.599	GAS GRAVITY	0.687
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0.11	%N2	0.26
%CO2	0.44	%CO2	2.44
%H2S	0	%H2S	0
DIAMETER (IN)	1.995	DIAMETER (IN)	1.995
DEPTH (FT)	8052	DEPTH (FT)	7289
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)	600
BOTTOMHOLE PRESSURE (PSIA)	1970.9	BOTTOMHOLE PRESSURE (PSIA)	714.6
<u>MN-Original</u>		<u>DK-Original</u>	
GAS GRAVITY	0.599	GAS GRAVITY	0.687
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0.11	%N2	0.26
%CO2	0.44	%CO2	2.44
%H2S	0	%H2S	0
DIAMETER (IN)	1.995	DIAMETER (IN)	1.995
DEPTH (FT)	8052	DEPTH (FT)	7289
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)	1211
BOTTOMHOLE PRESSURE (PSIA)	1970.0	BOTTOMHOLE PRESSURE (PSIA)	1463.0

020268-T

2

2A

28

14

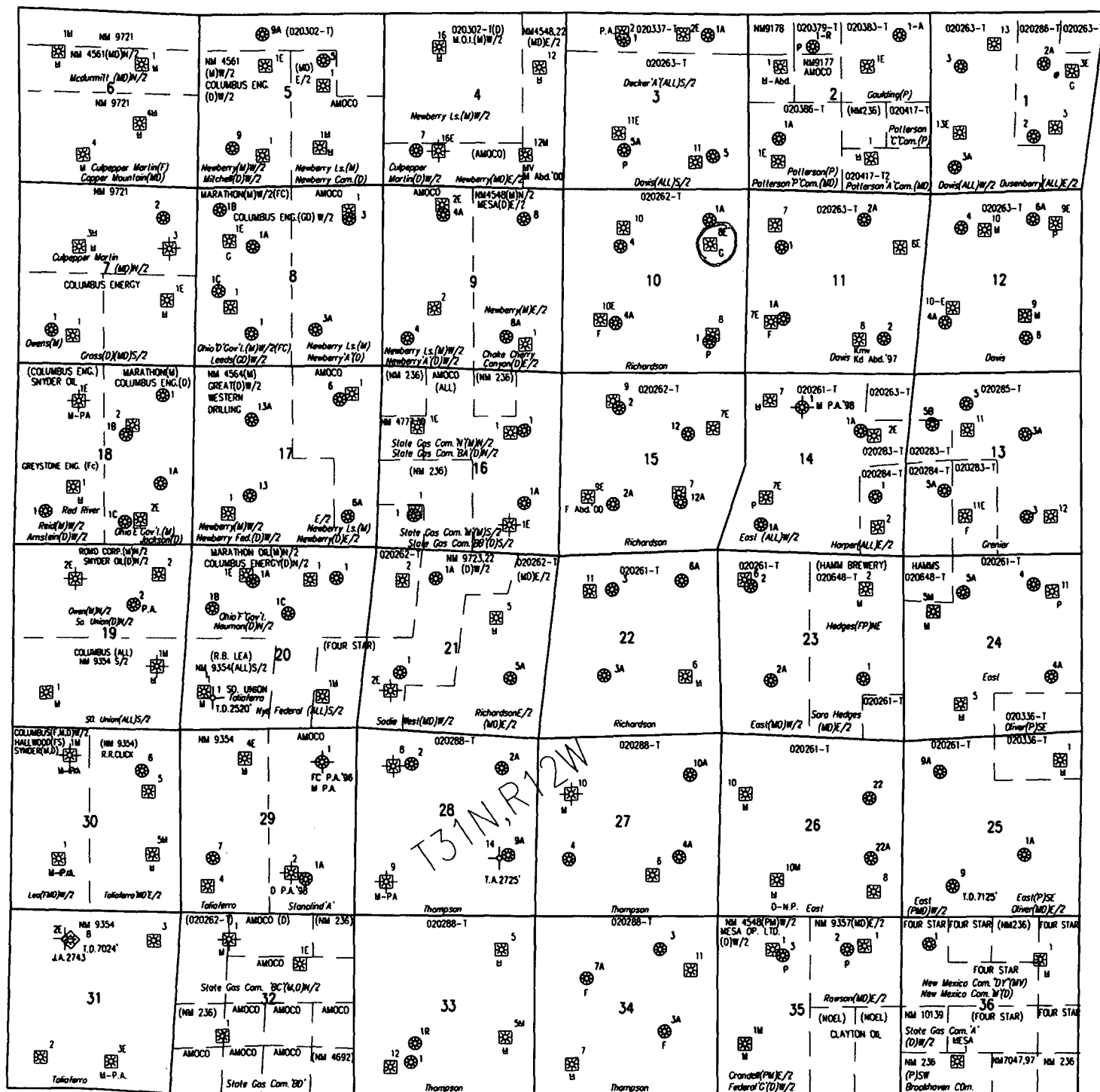
3A

10

M

4

T31N, R12W



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

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-105  
Revised 1-1-89

**DISTRICT I**

P.O. Box 1980, Hobbs, NM 88240

**DISTRICT II**

P.O. Drawer DD, Artesia, NM 88210

**OIL CONSERVATION DIVISION**

P. O. Box 2089

Santa Fe, New Mexico 87504-2088

**DISTRICT III**

1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.

30-045-21319

5. Indicate Type of Lease

STATE ☐ FEE ☒

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 ☐

2. Name of Operator

BURLINGTON RESOURCES OIL & GAS COMPANY

3. Address of Operator

PO BOX 4289, Farmington, NM 87499

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.
Flow Tubing Press. SI 1615	Casing Pressure SI 1615	Calculated 24- Hour Rate		Oil - Bbl.	Gas - MCF	Water - Bbl.
				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 Winters*  
Printed

Peggy Cole

Title

Regulatory Supervisor

Date 7-5-00

16	<div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; right: 0; transform: rotate(90deg); font-size: small;">8.25'</div> <div style="position: absolute; bottom: 0; right: 0;">18.50'</div> </div>	<h3>17 OPERATOR CERTIFICATION</h3> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i></p> <div style="border-bottom: 1px solid black; margin-top: 20px; text-align: center;"> </div> <p><b>Signature</b>  <b>Printed Name</b> <u>Peggy Cole</u>  <b>Title</b> <u>Regulatory Administrator</u>  <b>Date</b> <u>1-26-00</u></p>
<p>Original plat from Fred B. Kerr Jr. 8-4-73</p>		<h3>18 SURVEYOR CERTIFICATION</h3> <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> <div style="border-bottom: 1px solid black; margin-top: 20px;"> <b>Date of Survey</b> </div> <div style="border-bottom: 1px solid black; margin-top: 10px;"> <b>Signature and Seal of Professional Surveyor:</b> </div> <div style="border-bottom: 1px solid black; margin-top: 20px;"> <b>Certificate Number</b> </div>



## Gas Analysis Information

Gas Analysis Information

Name

ALLISON UNIT 18 86711

Analysis Name

Analysis:

1:1

Effective Date

02/16/2000

Sample Date

02/01/2000

Pressure Base BTU

14.7300

Wet/Dry

Dry

Heat Content

0.97000000

Specific Gravity

0.599

Coefficient Factor

0.0000

Calculation Type

☒ Enter Percentages  
☐ Enter GPM

Related To

O2%

0.00000

Hexane Plus GPM

0.0000

CS %

0.00000

Hydrogen (H2)

0.00000

0.0000

Helium (He)

0.00000

0.0000

Nitrogen (N2)

0.00114

0.0000

Carbon Dioxide (CO2)

0.04414

0.0000

Hydrogen Sulphide (H2S)

0.00000

0.0000

Methane (C1)

0.95316

0.0000

Ethane (C2)

0.00136

0.0000

Propane (C3)

0.00015

0.0000

Isobutane (IB4)

0.00001

0.0000

Butane

0.00001

0.0000

Isopentane (IP5)

0.00001

0.0000

Pentane (P5)

0.00002

0.0000

Hexane (C6)

0.00000

0.0000

Heptane (C7)

0.00000

0.0000

Final Totals

Total

1.0000

0.00000

02/16/2000

2:2

AI Number	Meter Number	Well	Formation	Sample Date	Test Pressure	Test Temperature	Wet BTU Factor (BTU/CF at 14.73)	Dry BTU Factor (BTU/CF at 14.73)	Mol % H2	Mol % He
4403701	87315	SAN JUAN 27-4 UNIT 57 ( DK )	DK	19980601	14.73	60	1241.041	1263	0	0
5174801	75901	SAN JUAN 28-5 UNIT 75 ( DK )	DK	19980717	14.73	60	1017.988	1036	0	0
5229101	87065	SAN JUAN 28-5 UNIT 82 ( DK )	DK	19970505	14.73	60	1038.623	1057	0	0
5433001	95547	SAN JUAN 28-5 UNIT 63E ( DK )	DK	19960607	14.73	60	1016.023	1034	0	0
6656101	34842	RICHARDSON 8E ( DK )	DK	19980301	14.73	60	1134.919	1155	0	0

Mol % N2	Mol % O2	Mol % H2S	Mol % CO2	Mol % C1	Mol % C2	Mol % C3	Mol % IC4	Mol % NC4	Mol % IC5	Mol % NC5	Mol % C6	Mol % C6+	Mol % C7	Field Measured Specific Gravity	Calculated Specific Gravity
0.24	0	0	0.95	78.61	12.03	4.61	0.73	1.27	0.57	0.56	0	0.43	0	0	0.732
0.11	0	0	1.61	94.68	2.85	0.38	0.11	0.06	0.05	0.02	0	0.13	0	0	0.596
0.11	0	0	2.34	91.71	4.29	0.76	0.23	0.15	0.11	0.05	0	0.25	0	0	0.621
0.11	0	0	1.49	95.1	2.61	0.34	0.1	0.06	0.05	0.02	0	0.12	0	0	0.592
0.26	0	0	2.44	83.58	8.25	3.34	0.66	0.95	0.23	0.15	0	0.14	0	0	0.687