

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

5. Lease Designation and Serial No.

NM-03404

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

San Juan 31-6 Unit

8. Well Name and No.

SJ 31-6 #213

9. API Well No.

30-039-24531

10. Field and Pool, or exploratory Area

Basin Fruitland Coal

11. County or Parish, State

Rio Arriba, NM

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Phillips Petroleum Company

3. Address and Telephone No.

5525 Highway 64, NBU 3004, Farmington, NM 87401 505-599-3454

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1865' FSL & 1596' FWL  
K Section 5, T30N, R6W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other Bottomhole location  
 Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water  
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

This well was sidetracked. Attached find the directional surveys.

The bottomhole location of this well is:

Unit N, 847' FSL & 1797' FWL, Section 5, T30N, R6W, Rio Arriba County, NM

RECEIVED  
AUG 1 8 1997

OIL CON. DIV.  
DIST. 3

070 FARMINGTON, NM

97 AUG 11 PM 2:03

RECEIVED  
BLM

14. I hereby certify that the foregoing is true and correct

Signed

*Ruby Clayton*

Title

Regulatory Assistant

Date

8-8-97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

ACCEPTED FOR RECORD

AUG 14 1997

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.

FARMINGTON DISTRICT OFFICE

\* See Instruction on Reverse Side

5

District I  
 PO Box 1980, Hobbs, NM 88241-1980  
 District II  
 811 South First, Artesia, NM 88210  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
 2040 South Pacheco  
 Santa Fe, NM 87505

Form C-102  
 Revised October 18, 1994  
 Instructions on back  
 Submit to Appropriate District Office  
 State Lease - 4 Copies  
 Fee Lease - 3 Copies

RECEIVED  
 37 AUG 11 PM 2:03

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-039-24531		<sup>1</sup> Pool Code 71629		<sup>1</sup> Pool Name Basin Fruitland Coal	
<sup>4</sup> Property Code 009259		<sup>4</sup> Property Name San Juan 31-6 Unit			<sup>6</sup> Well Number 213
<sup>7</sup> OGRID No. 017654		<sup>7</sup> Operator Name Phillips Petroleum Company			<sup>8</sup> Elevation 6302'

<sup>10</sup> Surface Location

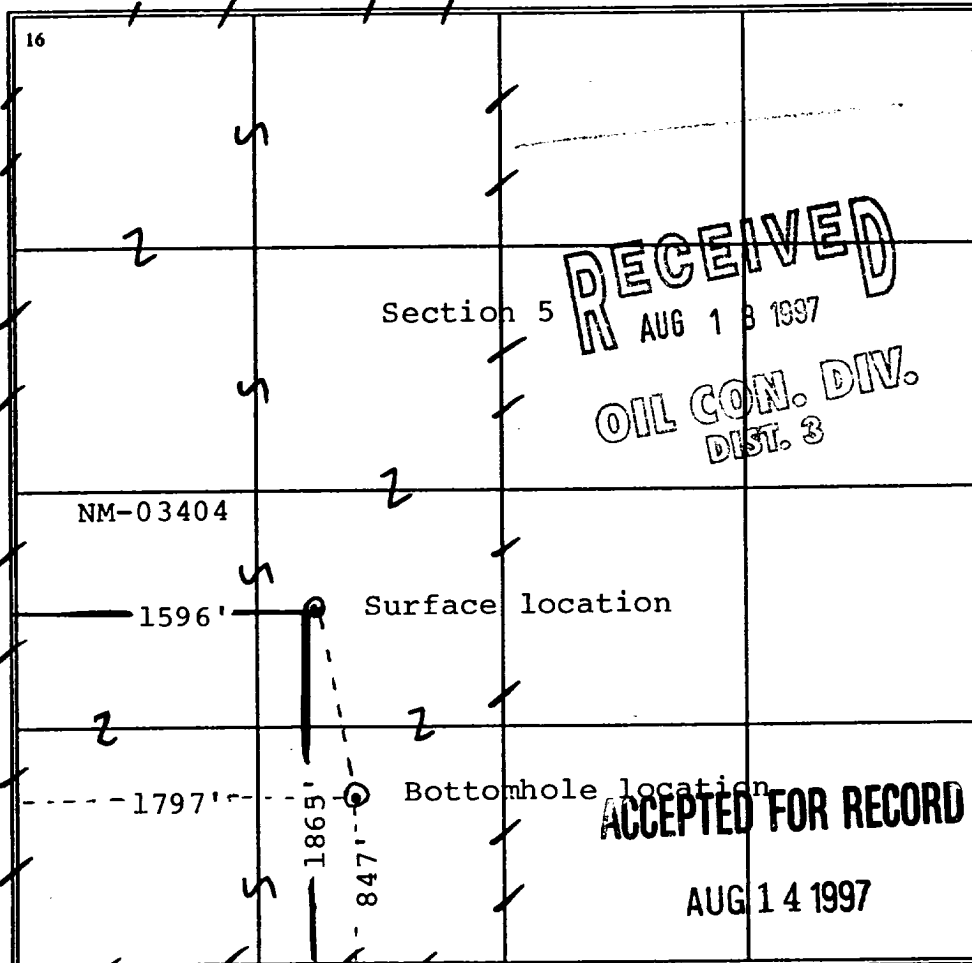
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	5	30N	6W		1865'	South	1596'	West	Rio Arriba

<sup>11</sup> 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
N	5	30N	6W		847'	South	1797'	West	Rio Arriba

<sup>12</sup> Dedicated Acres 319.49	<sup>13</sup> Joint or Infill Y	<sup>14</sup> Consolidation Code U	<sup>15</sup> Order No.
---	------------------------------------	---------------------------------------	-------------------------

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



<sup>17</sup> OPERATOR CERTIFICATION  
 I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

*Patsy Clugston*  
 Signature  
 Patsy Clugston  
 Printed Name  
 Regulatory Assistant  
 Title  
 8-8-97  
 Date

<sup>18</sup> 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.

Date of Survey  
 Signature and Seal of Professional Surveyer:  
 See original survey dated 7/1/89 signed by Edgar L. Risenhoover 5979  
 Certificate Number

FARMINGTON DISTRICT OFFICE



1675 Broadway Suite 1500  
Denver, Colorado 80202  
(303) 534-3223 Fax (303) 534-1822

RECEIVED  
BLM  
97 AUG 11 PM 2:03  
070 FARMINGTON, NM

# Report of Sub-Surface Directional Survey

Phillips Petroleum  
Company

San Juan 31-6 #213  
Well Name

Rio Arriba County, New Mexico  
Location

Job Number  
86523

Type of Survey  
MWD

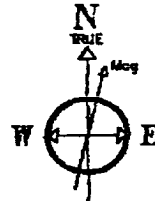
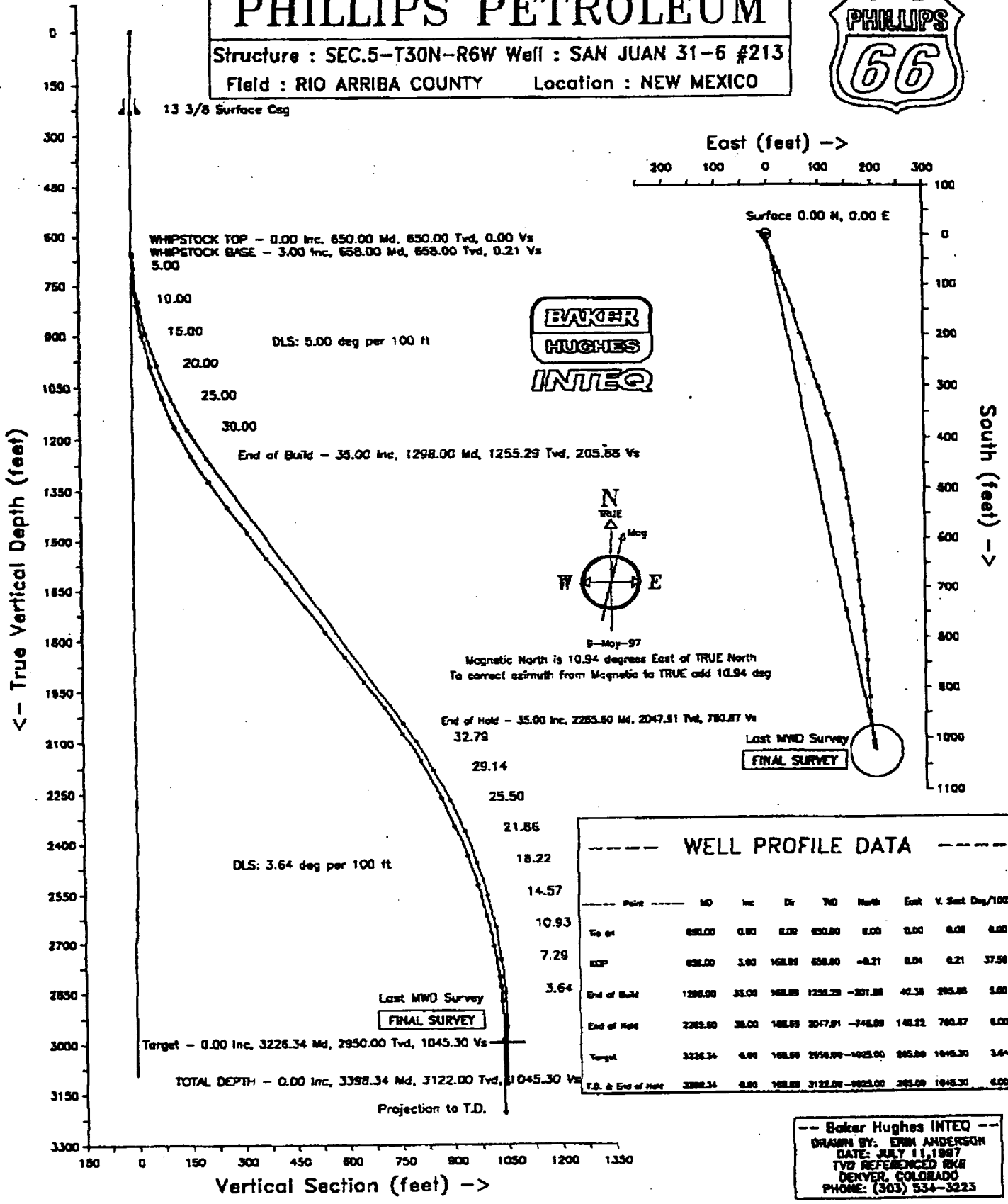
Date  
June 23, 1997

Surveyed By  
Paul SeEVERS

Office  
Denver

# PHILLIPS PETROLEUM

Structure : SEC.5-T30N-R6W Well : SAN JUAN 31-6 #213  
 Field : RIO ARRIBA COUNTY Location : NEW MEXICO



5-May-97  
 Magnetic North is 10.94 degrees East of TRUE North  
 To correct azimuth from Magnetic to TRUE add 10.94 deg

WELL PROFILE DATA							
Point	MD	Inc	Dr	TVD	North	East	V. Sect. Deg/100
To Bit	650.00	0.00	0.00	650.00	0.00	0.00	0.00
BCP	658.00	3.00	168.89	658.00	-0.21	0.04	0.21
End of Build	1298.00	35.00	168.89	1255.29	-201.88	40.38	205.68
End of Hold	2265.60	35.00	168.89	2047.81	-746.08	148.22	780.87
Target	3226.34	0.00	168.69	2950.00	-1025.00	265.00	1045.30
T.B. @ End of Hole	3398.34	0.00	168.89	3122.00	-1023.00	265.00	1045.30

-- Baker Hughes INTEQ --  
 DRAWN BY: ERM ANDERSON  
 DATE: JULY 11, 1997  
 TVD REFERENCED SCS  
 DENVER, COLORADO  
 PHONE: (303) 534-3223

PHILLIPS PETROLEUM  
SEC. 5-T30N-R6W

SAN JUAN 31-6 #213  
SLOT #1  
RIO ARRIBA COUNTY  
NEW MEXICO

S U R V E Y L I S T I N G

by  
Baker Hughes INTEQ

Your ref : MWD Survey  
Our ref : svy4057  
License :

Date printed : 11-Jul-97  
Date created : 25-Jun-97  
Last revised : 11-Jul-97

Field is centred on n36 33 0.000,w107 40 0  
Structure is centred on n36 52 0.000,w106 20 0

Slot location is n36 52 18.440,w106 19 40.371  
Slot Grid coordinates are N 2136567.330, E 477219.847  
Slot local coordinates are 1865.00 N 1595.00 E

Projection type: mercator - New Mexico Central (3002), Spheroid: Clarke - 1866  
Reference North is True North

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S	Dogleg Deg/100ft	Vert Sect
0.00	0.00	0.00	0.00	0.00 N	0.00	0.00
650.00	0.00	0.00	650.00	0.00 N	0.00	0.00
714.00	3.80	204.60	713.95	1.93 S	0.88 W	1.72
809.00	7.70	172.60	808.48	11.11 S	1.37 W	10.62
903.00	12.90	157.20	900.95	27.04 S	3.51 E	27.20
997.00	16.80	157.90	991.79	49.31 S	12.69 E	50.84
1090.00	21.20	157.90	1079.70	77.35 S	24.08 E	80.57
1183.00	25.50	160.70	1165.07	111.85 S	37.03 E	116.93
1276.00	30.90	162.80	1247.00	153.58 S	50.71 E	160.55
1367.00	34.80	163.10	1323.44	200.77 S	65.18 E	209.65
1461.00	35.50	162.10	1400.29	252.41 S	81.36 E	263.46
1556.00	35.90	160.30	1477.44	304.88 S	99.23 E	318.42
1650.00	36.80	162.80	1553.16	357.72 S	116.85 E	373.69
1743.00	36.70	164.90	1627.68	411.17 S	132.33 E	429.13
1835.00	37.10	169.50	1701.26	465.00 S	144.55 E	484.32
1928.00	37.00	170.20	1775.49	520.16 S	154.42 E	540.34
2021.00	36.70	173.70	1849.91	575.36 S	162.23 E	596.00
2115.00	36.90	173.70	1925.18	631.33 S	168.41 E	652.10
2209.00	35.60	174.00	2000.99	686.59 S	174.37 E	707.45
2302.00	33.60	173.70	2077.53	739.09 S	180.02 E	760.05
2395.00	30.80	175.10	2156.22	788.40 S	184.88 E	809.35
2518.00	25.20	177.50	2264.79	845.99 S	188.72 E	866.57
2612.00	23.60	176.10	2350.39	884.76 S	190.87 E	905.01
2707.00	19.80	176.10	2438.64	919.79 S	193.26 E	939.83
2799.00	16.30	178.20	2526.10	948.25 S	194.73 E	968.03

All data is in feet unless otherwise stated.  
 Coordinates from SLOT #1 and TVD from wellhead.  
 Bottom hole distance is 1037.93 on azimuth 168.79 degrees from wellhead.  
 Vertical section is from wellhead on azimuth 168.69 degrees.  
 Calculation uses the minimum curvature method.  
 Presented by Baker Hughes INTEQ

**SURVEY LISTING Page 2**  
 Your ref : MWD Survey  
 Last revised : 11-Jul-97

**PHILLIPS PETROLEUM**  
 SEC. 5-T30N-R6W, SAN JUAN 31-6 #213  
 RIO ARRIBA COUNTY, NEW MEXICO

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S	Dogleg Deg/100ft	Vert Sect
2893.00	13.60	172.60	2616.91	972.40 S 196.56 E	3.25	992.07
2989.00	10.60	172.30	2710.77	992.35 S 199.20 E	3.13	1012.15
3083.00	7.30	174.00	2803.61	1006.86 S 200.98 E	3.52	1026.73
3112.00	6.10	176.00	2832.41	1010.23 S 201.28 E	4.21	1030.09
3155.00	4.10	176.00	2875.24	1014.04 S 201.55 E	4.65	1033.88
3269.00	0.00	176.00	2989.15	1018.11 S 201.84 E	3.60	1037.92
3485.00	0.00	176.00	3205.15	1018.11 S 201.84 E	0.00	1037.92

Last MWD Survey  
 Projection to T.D.

All data is in feet unless otherwise stated.  
 Coordinates from SLOT #1 and TVD from wellhead.  
 Bottom hole distance is 1037.93 on azimuth 168.79 degrees from wellhead.  
 Vertical section is from wellhead on azimuth 168.69 degrees.  
 Calculation uses the minimum curvature method.  
 Presented by Baker Hughes INTEQ

SURVEY LISTING Page 3  
Your ref : MWD Survey  
Last revised : 11-Jul-97

PHILLIPS PETROLEUM  
SEC. 5-T30N-R6W, SAN JUAN 31-6 #213  
RIO ARRIBA COUNTY, NEW MEXICO

Comments in wellpath

MD	TVD	Rectangular Coords.	Comment
3155.00	2875.24	1014.04 S 201.55 E	Last MWD Survey
3485.00	3205.15	1018.11 S 201.84 E	Projection to T.D.

Casing positions in string 'A'

Top MD	Top TVD	Rectangular Coords.	Bot MD	Bot TVD	Rectangular Coords.	Casing
0.00	0.00	0.00N 0.00N	231.00	231.00	0.00E 0.00N	13 3/8 Sur

Targets associated with this wellpath

Target name	Geographic Location	T.V.D.	Rectangular Coordinates	Revised
SJ 31-6 213		2996.00	1025.00S 205.00E	8-May-97