Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
SF - 080247

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
FLORANCE 117M

2. Name of Operator
AMOCO PRODUCTION COMPANY
Contact: MARY CORLEY
E-Mail: corleyml@bp.com

9. API Well No.
30-045-30619

3a. Address
P.O. BOX 3092
HOUSTON, TX 77253

3b. Phone No. (include area code)
Ph: 281.366.4491
Fx: 281.366.0700

10. Field and Pool, or Exploratory
BASIN DAKOTA/BLANCO MESAVE

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 35 T29N R9W SWNE 1780FNL 1035FEL
36.41100 N Lat, 107.44800 W Lon

11. County or Parish, and State
SAN JUAN COUNTY, NM

RECEIVED
DEC 2001
OIL CON. DIV
DIST. 3

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Change to Original PD
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Application for Permit to Drill for the subject well was submitted on 04/02/2001 and approved on 05/02/2001. Sundry Notice to amend drilling location and completion program was submitted on 05/27/2001 and approved on 06/01/2001.

Amoco Production Company respectfully submits for your approval the following amended drilling location:
From: 2505' FNL & 1820' FEL TO: 1780' FNL & 1035' FEL as reflected on attached C-102.

Additionally, we request permission to directionally drill the subject well from the above stated SHL to a BHL at 661' FNL & 1870' FEL Section 35, T29N, R9W. In support of our application attached is our admended drilling and completion program, casing and cementing program, and directional drilling plan.

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #8500 verified by the BLM Well Information System
For AMOCO PRODUCTION COMPANY, sent to the Farmington
Committed to AFMSS for processing by Lucy Bee on 11/05/2001 ()

Name *(Printed/Typed)* MARY CORLEY — Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission) — Date 11/05/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____ Date 12/04/01

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

HOLD C104 FOR Directional Survey NMOCD

K

Additional data for EC transaction #8500 that would not fit on the form

32. Additional remarks, continued

The subject well also requires NMOCD approval for a Non-Standard drilling location for the Basin Dakota completion. A request for an exception to the Non-Standard Location is being sumitted to the NMOCD under a separate application.

AMOCO PRODUCTION COMPANY
DRILLING AND COMPLETION PROGRAM

Prospect Name:	Florance	**Well No:**	117M
Lease:	FLORANCE	**Surface Location:**	35-29N-9W, 1780 FNL,1035 FEL
County:	San Juan	**Field:**	Blanco Mesaverde/Basin Dakota
State:	New Mexico	**Bottom Hole Location:**	35-29N-9W, 661 FNL, 1870 FEL
Date:	October, 30 2001		

OBJECTIVE: Drill 400' below the base of the Greenhorn Limestone, set 41/2" production casing, Stimulate CH, MF, PL and DK intervals

METHOD OF DRILLING

TYPE OF TOOLS	DEPTH OF DRILLING
Rotary	0 - TD

LOG PROGRAM

TYPE	DEPTH INVERAL
OPEN HOLE	
GR-Induction	TD to 7" shoe
Density/Neutron	TD to 7" shoe
CASED HOLE	
GR-CCL-TDT	TDT – TD to 7" shoe
CBL	Identify 4 ½" cement top

REMARKS:
- Please report any flares (magnitude & duration).

APPROXIMATE DEPTHS OF GEOLOGICAL MARKER

Estimated GL: 5673 Estimated KB: 5687

MARKER		TVD	MEAS. DEPTH
Ojo Alamo		4648	1097
Fruitland Coal	*	3891	2042
Pictured Cliffs	*	3602	2334
Lewis Shale	#	3500	2455
Cliff House	#	1951	3790
Menefee Shale	#	1911	4119
Point Lookout	#	1341	4689
Mancos		964	5147
Greenhorn		-579	6609
Bentonite Marker		-642	6672
Two Wells	#	-698	6728
Dakota MB	#	-808	6838
Burro Canyon	*	-833	6863
Morrison	*	-1042	
TOTAL DEPTH		-1042	7072

Probable completion interval * Possible Pay

SPECIAL TESTS

TYPE
None

REMARKS:

DRILL CUTTING SAMPLES		DRILLING TIME	
FREQUENCY	DEPTH	FREQUENCY	DEPTH
10 feet	Production hole	Geolograph	0-TD

MUD PROGRAM:

Approx. Interval			Type Mud	Weight, #/ga	Vis, sec/qt	W/L cc's/30 min	Other Specification
0	- 120-135	3 jts.	Spud	8.6-9.2			
120-135	- 2555	(1)	Water/LSND	8.6-9.2		<6	
2555	- 7072		Gas/Air/N2/Mist	Volume sufficient to maintain a stable and clean wellbore			

REMARKS:
(1) The hole will require sweeps to keep unloaded while fresh water drilling. Let hole conditions dictate frequency.

CASING PROGRAM: (Normally, tubular goods allocation letter specifies casing sizes to be used. Hole sizes will be governed by Contract)

Casing String	Estimated Depth	Casing Size	Grade	Weight	Hole Size	Landing Pt, Cmt, Etc.
Surface/Conductor	120-135	9 5/8"	H-40 ST&C	32#	12.25"	1
Intermediate 1	2555	7"	J/K-55 ST&C	20#	8.75"	1,2
Production	7072	4 1/2"	J-55	11.6#	6.25"	3

REMARKS:
(1) Circulate Cement to Surface
(2) Set casing 100' into Lewis Shale
(3) Bring cement 100' above 7" shoe

CORING PROGRAM:
None

COMPLETION PROGRAM:
Rigless, 4-6 Stage Limited Entry Hydraulic Frac

GENERAL REMARKS:
Notify BLM/NMOCD 24 hours prior to Spud, BOP testing, and Casing and Cementing.

Form 46 Reviewed by: Logging program reviewed by: N/A

PREPARED BY:	APPROVED:	DATE:	
HGJ/MNP		October 30, 2001 Version 4.0	

Form 46 12-00 MNP

Amoco Production Company
BOP Pressure Testing Requirements

Well Name: **Florance** **117M**
County: **San Juan** **State:** **New Mexico**

Formation	TVD	Anticipated Bottom Hole Pressure	Maximum Anticipated Surface Pressure **
Ojo Alamo	1086		
Fruitland Coal	1846		
PC	2101		
Lewis Shale	2194		
Cliff House	3790	500	0
Menefee Shale	3859		
Point Lookout	4369	600	0
Mancos	4507		
Dakota	6415	2600	1609

** Note: Determined using the following formula: ABHP – (.22*TVD) = ASP

Requested BOP Pressure Test Exception: 3000 psi

Cementing Program

Well Name:	Florance 117M	Field:	Blanco Mesaverde / Basin Dakota
Location:	35-29N-9W, 1780 FNL,1035 FEL	API No.	
County:	San Juan	Well Flac	
State:	New Mexico	Formation:	Dakota MesaVerde
		KB Elev (est)	5687
		GL Elev. (est)	5673

Casing Program:

Casing String	Est. Depth (ft.)	Hole Size (in.)	Casing Size (in.)	Thread	TOC (ft.)	Stage Tool Or TOL (ft.)	Cmt Cir. Out (bbl.)
Surface	135	12.25	9.625	ST&C	Surface	NA	
Intermediate	2555	8.75	7	LT&C	Surface	NA	
Production -	7072	6.25	4.5	?	2455	NA	

Casing Properties: (No Safety Factor Included)

Casing String	Size (in.)	Weight (lb/ft)	Grade	Burst (psi.)	Collapse (psi.)	Joint St. (1000 lbs.)	Capacity (bbl/ft.)	Drift (in.)
Surface	9.625	32	H-40	3370	1400	254	0.0787	8.845
Intermediate	7	20	K-55	3740	2270	234	0.0405	6.456
Production -	4.5	11.6	J-55	5350	4960	154	0.0155	3.875

Mud Program

Apx. Interval (ft.)	Mud Type	Mud Weight
0 - SCP	Water/Spud	8.6-9.2
SCP - ICP	Water/LSND	8.6-9.2
ICP - ICP2	Gas/Air Mist	NA
ICP2 - TD	LSND	8.6 - 9.2

Recommended Mud Properties Prio Cementing:

PV	<20
YP	<10
Fluid Loss	<15

Cementing Program:

	Surface	Intermediate	Production
Excess %, Bit	100	80	40
Excess %, Caliper	NA	NA	25
BHST (est deg. F)	60	120	160
Pipe Movement	NA	Rotate/Reciprocate	Rotate/Reciprocate
Rate, Max (bpm)	7	8	7
Rate Recommended (bpm)	6	6	6
Pressure, Max (psi)	200	2000	2000
Shoe Joint	40	80	40
Batch Mix	NA	NA	NA
Circulating prior cmtng (hr)	0.5	1.5	2
Time Between Stages, (hr)	NA	NA	NA
Special Instructions	1,6,7	1,6,8	2,4,6

1. Do not wash pumps and lines.
2. Wash pumps and lines.
3. Reverse out
4. Run Blend Test on Cement
5. Record Rate, Pressure, and Density on 3.5" disk
6. Confirm densitometer with pressurized mud scales
7. 1" cement to surface if cement is not circulated.
8. If cement is not circulated to surface, run temp. survey 10-12 hr. after landing plug.

Notes:

*Do not wash up on top of plug. Wash lines before displacing production cement job to minmize drillout.

Surface:

Preflush	20 bbl.	FreshWater	
Slurry 1	73 sx Class G Cement		85 cuft

Cementing Program

	TOC@Surface	+ 2% CaCl2 (accelerator)		
		0.25 #/sk Cellophane Flake (lost circulation additive)		0.3132 cuft/ft OH
		0.1% D46 antifoam		100 % excess

Slurry Properties:	Density (lb/gal)	Yield (ft3/sk)	Water (gal/sk)
Slurry 1	15.8	1.16	4.95

Casing Equipment: 9-5/8", 8R, ST&C
1 Guide Shoe
1 Top Wooden Plug
1 Autofill insert float valve
4 Centralizers
1 Stop Ring
1 Thread Lock Compound

Intermediate:

	Fresh Water	20 bbl	fresh water	
	Lead	187 sx	Class "G" Cement	543 cuft
	Slurry 1		+ 3% D79 extender	
	TOC@Surface		+ 2% S1 Calcium Chloride	
			+1/4 #/sk. Cellophane Flake	
			+ 0.1% D46 antifoam'	
	Tail	107 sx	50/50 Class "G"/Poz	135 cuft
	Slurry 2		+ 2% gel (extender)	
	500 ft fill		0.1% D46 antifoam	0.1503 cuft/ft OH
			+1/4 #/sk. Cellophane Flake	0.1746 cuft/ft csg ann
			+ 2% CaCl2 (accelerator)	80 % excess

Slurry Properties:	Density (lb/gal)	Yield (ft3/sk)	Water (gal/sk)
Slurry 1	11.4	2.9	17.77
Slurry 2	13.5	1.27	5.72

Casing Equipment: 7", 8R, ST&C

1 Float Shoe (autofill with minimal LCM in mud)
1 Float Collar (autofill with minimal LCM in mud)
1 Stop Ring
10 Centralizers (one in middle of first joint, then every third collar)
2 Fluidmaster vane centalizers @ base of Ojo
11 Centalizers one every 4th joint from Ojo to base of surface casing
1 Top Rubber Plug
1 Thread Lock Compound

Production:

	Fresh Water	10 bbl	CW100	
	Lead	176	LiteCrete D961 / D124 / D154	444 cuft
	Slurry 1		+ 0.03 gps D47 antifoam	
	TOC@Surface		+ 0.5% D112 fluid loss	
			+ 0.11% D65 TIC	

Cementing Program

Tail		142 sx 50/50 Class "G"/Poz		205 cuft
Slurry 2		+ 5% D20 gel (extender)		+ 5 #/sk D24 gilsonite
	1425 ft fill	+ 0.1% D46 antifoam		+ 0.15% D65 TIC
		+ 1/4 #/sk. Cellophane Flake		+ 0.1% D800 retarder
		+ 0.25% D167 Fluid Loss		
				0.1026 cuft/ft OH
Slurry Properties:	Density	Yield	Water	40 % excess
	(lb/gal)	(ft3/sk)	(gal/sk)	0.1169 cuft/ft csg ann
Slurry 1	9.5	2.52	6.38	
Slurry 2	13	1.44	6.5	Top of Mancos
				5147

Casing Equipment: 4-1/2", 8R, ST&C

1 Float Shoe (autofill with minimal LCM in mud)
1 Float Collar (autofill with minimal LCM in mud)
1 Stop Ring
39 Centralizers (every third joint)
1 Top Rubber Plug
1 Thread Lock Compound

District I
PO Box 1980, Hobbs NM 88241-1980
District II
PO Drawer KK, Artesia, NM 87211-0719
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

[1] API Number	[2] Pool Code	[3] Pool Name
30-045-30619	71599 * 72319	BASIN DAKOTA * BLANCO MESAVERDE

[4] Property Code	[5] Property Name	[6] Well Number
000518	Florance	# 117M

[7] OGRID No.	[8] Operator Name	[9] Elevation
000778	AMOCO PRODUCTION COMPANY	5673

[10] Surface Location

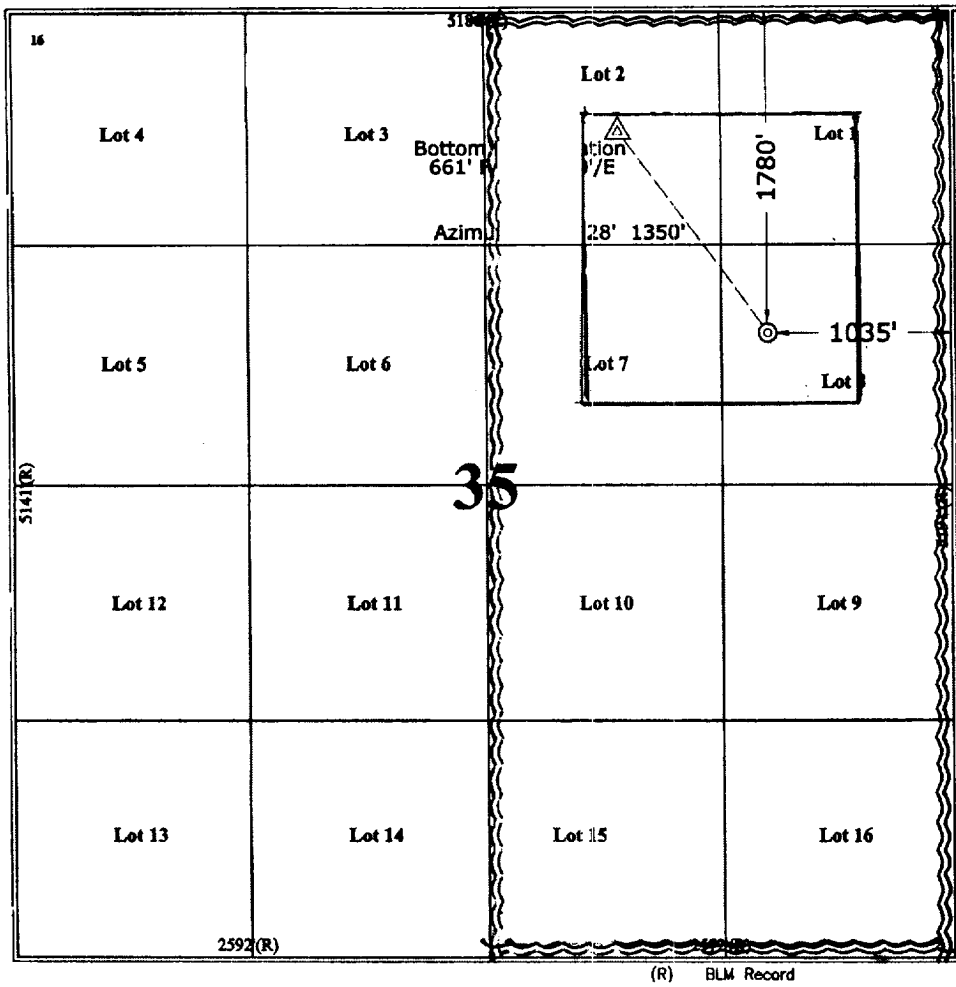
UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H (Lot 8)	35	29 N	9 W		1780	NORTH	1035	EAST	SAN JUAN

[11] Bottom Hole Location If Different From Surface

[7] UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B (Lot 2)	35	29 N	9 W		661	NORTH	1870	EAST	SAN JUAN

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
306.35			

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



(R) BLM Record

[17] OPERATOR CERTIFICATION

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

Mary Corley
Signature

Mary Corley
Printed Name

Sr Regulatory Analyst
Title

10-31-01
Date

[18] SURVEYOR CERTIFICATION

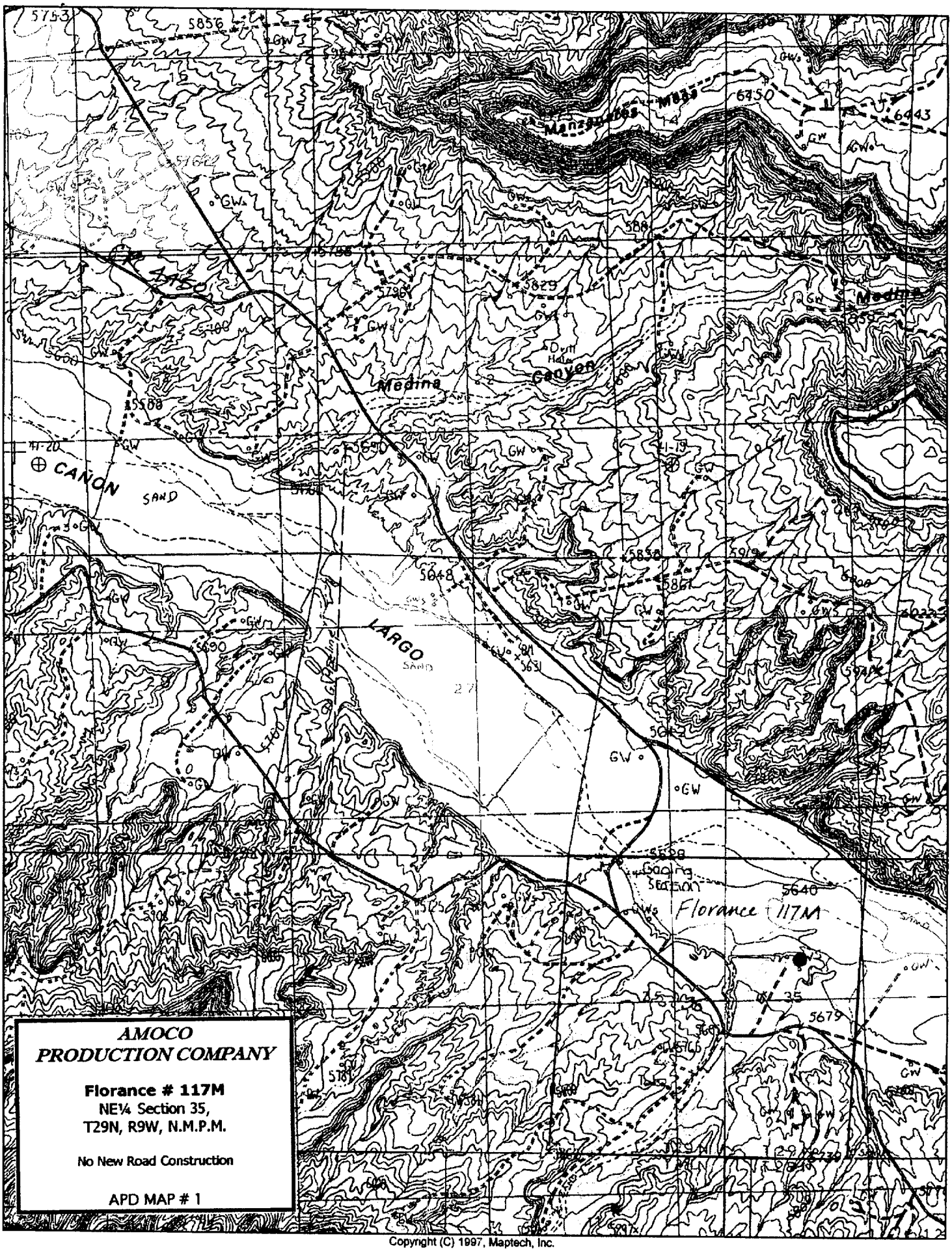
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

October 23, 2001
Date of Survey

Signature and Seal of Professional Surveyor

GARY D. VANN
NEW MEXICO
7016
REGISTERED PROFESSIONAL LAND SURVEYOR

7016
Certificate Number



AMOCO PRODUCTION COMPANY

Florance # 117M
NE¼ Section 35,
T29N, R9W, N.M.P.M.

No New Road Construction

APD MAP # 1

Schlumberger

Proposed Well Profile

Report Date:	October 31, 2001	**Survey / DLS Computation Method:**	Minimum Curvature / Lubinski
Client:	BP	**Vertical Section Azimuth:**	323.270°
Field:	NM, San Juan County	**Vertical Section Origin:**	N 0.000 ft, E 0.000 ft
Structure / Slot:	BP 35-T29N-R9W / Florance #117M	**TVD Reference Datum:**	KB
Well:	Florance #117M	**TVD Reference Elevation:**	5673.0 ft relative to
Borehole:	New Borehole	**Sea Bed / Ground Level Elevation:**	0.000 ft relative to
UWI / API#:		**Magnetic Declination:**	11.277°
Survey Name / Date:	REV0 31Oct01 / October 31, 2001	**Total Field Strength:**	51567.059 nT
Tort / AHD / DDI / ERD ratio:	64.475° / 1396.20 ft / 4.977 / 0.208	**Magnetic Dip:**	63.376°
Grid Coordinate System:	NAD83 New Mexico State Planes, Western Zone, US Feet	**Declination Date:**	October 31, 2001
Location Lat / Long:	N 36 31 0.000, W 108 23 0.001	**Magnetic Declination Model:**	BGGM 2000
Location Grid N/E Y/X:	N 2007835.000 ftUS, E 2561475.600 ftUS	**North Reference:**	True North
Grid Convergence Angle:	-0.32728780°	**Total Corr Mag North -> True North:**	+11.277°
Grid Scale Factor:	0.99994655	**Local Coordinates Referenced To:**	Well Head

Station ID	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	VSec (ft)	N/-S (ft)	E/-W (ft)	Closure (ft)	at Azim (°)	DLS (°/100ft)	TF (°)
	0.00	0.00	323.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-36.7MTF
KOP 5°/100	200.00	0.00	323.27	200.00	0.00	0.00	0.00	0.00	0.00	0.00	-36.7MTF
	300.00	5.00	323.27	299.87	4.36	3.49	-2.61	4.36	323.27	5.00	0.0
	400.00	10.00	323.27	398.99	17.41	13.95	-10.41	17.41	323.27	5.00	0.0
	500.00	15.00	323.27	496.58	39.05	31.29	-23.35	39.05	323.27	5.00	0.0
	600.00	20.00	323.27	591.93	69.11	55.39	-41.33	69.11	323.27	5.00	0.0
	700.00	25.00	323.27	684.28	107.36	86.05	-64.21	107.36	323.27	5.00	0.0
	800.00	30.00	323.27	772.96	153.52	123.04	-91.81	153.52	323.27	5.00	0.0
Begin 32.24° Tangent	844.75	32.24	323.27	811.27	176.65	141.58	-105.65	176.65	323.27	5.00	0.0
OA 1025 TVD	1097.44	32.24	323.27	1025.00	311.44	249.61	-186.26	311.44	323.27	0.00	0.0
FR 1782 TVD	1992.40	32.24	323.27	1782.00	788.84	632.23	-471.77	788.84	323.27	0.00	0.0

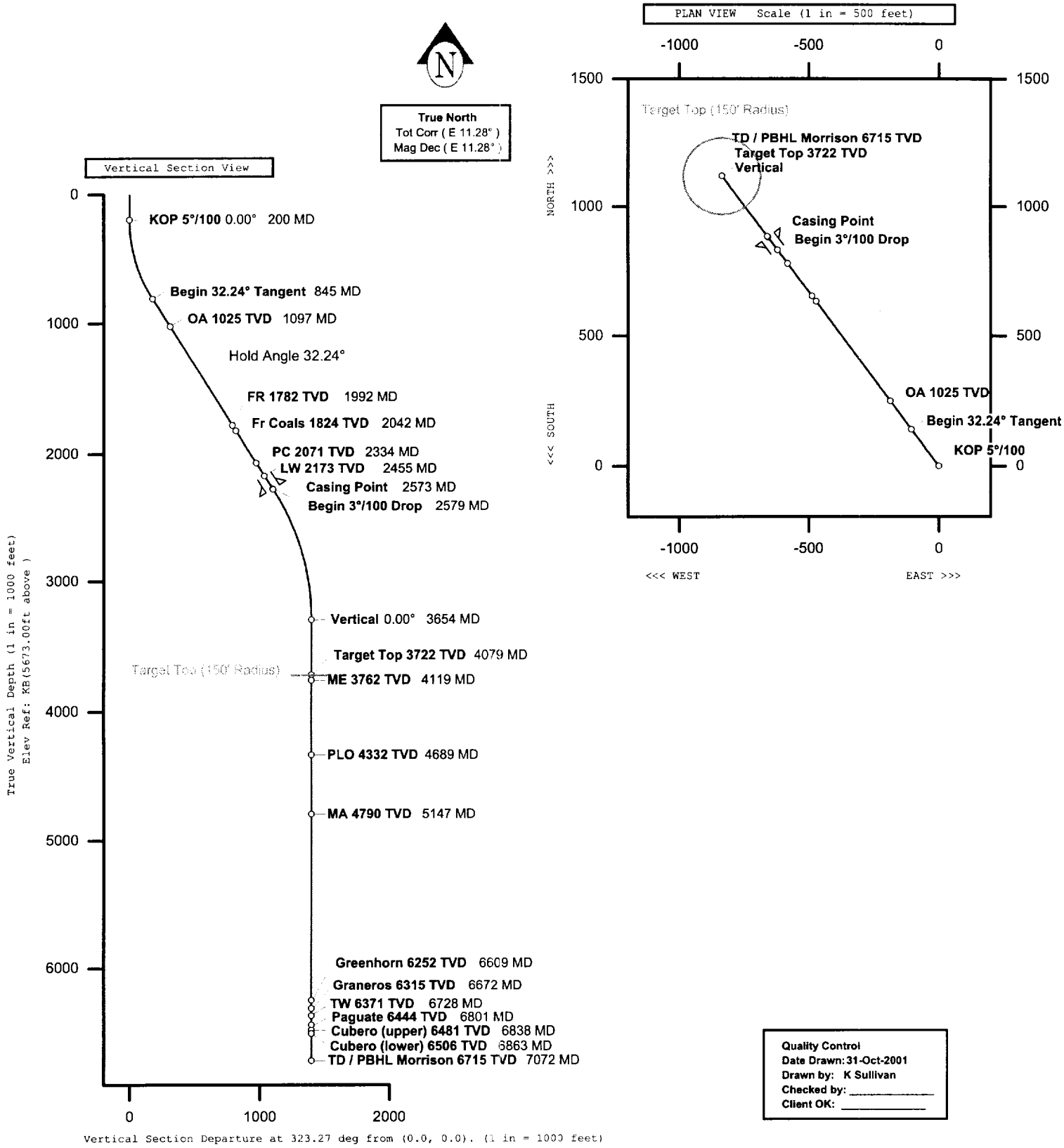
Station ID	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	VSec (ft)	N/-S (ft)	E/-W (ft)	Closure (ft)	at Azim (°)	DLS (°/100ft)	TF (°)
Fr Coals 1824 TVD	2042.06	32.24	323.27	1824.00	815.33	653.45	-487.61	815.33	323.27	0.00	0.0
PC 2071 TVD	2334.07	32.24	323.27	2071.00	971.10	778.30	-580.77	971.10	323.27	0.00	0.0
LW 2173 TVD	2454.66	32.24	323.27	2173.00	1035.43	829.85	-619.24	1035.43	323.27	0.00	0.0
Casing Point	2572.89	32.24	323.27	2273.00	1098.49	880.40	-656.95	1098.49	323.27	0.00	0.0
Begin 3°/100 Drop	2579.06	32.24	323.27	2278.22	1101.79	883.04	-658.92	1101.79	323.27	0.00	180.0
	2600.00	31.61	323.27	2295.99	1112.86	891.91	-665.55	1112.86	323.27	3.00	180.0
	2700.00	28.61	323.27	2382.49	1163.02	932.11	-695.54	1163.02	323.27	3.00	180.0
	2800.00	25.61	323.27	2471.49	1208.58	968.63	-722.79	1208.58	323.27	3.00	180.0
	2900.00	22.61	323.27	2562.76	1249.43	1001.36	-747.22	1249.43	323.27	3.00	180.0
	3000.00	19.61	323.27	2656.04	1285.44	1030.22	-768.76	1285.44	323.27	3.00	180.0
	3100.00	16.61	323.27	2751.07	1316.52	1055.13	-787.34	1316.52	323.27	3.00	180.0
	3200.00	13.61	323.27	2847.61	1342.58	1076.02	-802.93	1342.58	323.27	3.00	180.0
	3300.00	10.61	323.27	2945.37	1363.56	1092.83	-815.47	1363.56	323.27	3.00	180.0
	3400.00	7.61	323.27	3044.10	1379.39	1105.52	-824.94	1379.39	323.27	3.00	180.0
	3500.00	4.61	323.27	3143.52	1390.03	1114.05	-831.31	1390.03	323.27	3.00	-36.7MTF
	3600.00	1.61	323.27	3243.36	1395.45	1118.40	-834.55	1395.45	323.27	3.00	-36.7MTF
Vertical	3653.65	0.00	323.27	3297.00	1396.20	1119.00	-835.00	1396.20	323.27	3.00	-36.7MTF
Target Top 3722 TVD	4078.65	0.00	323.27	3722.00	1396.20	1119.00	-835.00	1396.20	323.27	0.00	-36.7MTF
ME 3762 TVD	4118.65	0.00	323.27	3762.00	1396.20	1119.00	-835.00	1396.20	323.27	0.00	-36.7MTF
PLO 4332 TVD	4688.65	0.00	323.27	4332.00	1396.20	1119.00	-835.00	1396.20	323.27	0.00	-36.7MTF
MA 4790 TVD	5146.65	0.00	323.27	4790.00	1396.20	1119.00	-835.00	1396.20	323.27	0.00	-36.7MTF
Greenhorn 6252 TVD	6608.65	0.00	323.27	6252.00	1396.20	1119.00	-835.00	1396.20	323.27	0.00	-36.7MTF
Graneros 6315 TVD	6671.65	0.00	323.27	6315.00	1396.20	1119.00	-835.00	1396.20	323.27	0.00	-36.7MTF
TW 6371 TVD	6727.65	0.00	323.27	6371.00	1396.20	1119.00	-835.00	1396.20	323.27	0.00	-36.7MTF
Paguate 6444 TVD	6800.65	0.00	323.27	6444.00	1396.20	1119.00	-835.00	1396.20	323.27	0.00	-36.7MTF
Cubero (upper) 6481 TVD	6837.65	0.00	323.27	6481.00	1396.20	1119.00	-835.00	1396.20	323.27	0.00	-36.7MTF
Cubero (lower) 6506 TVD	6862.65	0.00	323.27	6506.00	1396.20	1119.00	-835.00	1396.20	323.27	0.00	-36.7MTF
TD / PBHL Morrison 6715 TVD	7071.65	0.00	323.27	6715.00	1396.20	1119.00	-835.00	1396.20	323.27	0.00	0.0MTF

Station ID	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	VSec (ft)	N/-S (ft)	E/-W (ft)	Closure (ft)	at Azim (°)	DLS (°/100ft)	TF (°)

Survey Error Model: *(No Error Model Selected)*

Schlumberger **BP**

WELL	FIELD	STRUCTURE
Florance #117M	NM, San Juan County	BP 35-T29N-R9W



Quality Control
Date Drawn: 31-Oct-2001
Drawn by: K Sullivan
Checked by: _____
Client OK: _____