

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

RECEIVED

JUN 17 2010

Sundry Notices and Reports on Wells

Bureau of Land Management
Farmington Field Office

1. Type of Well
GAS

5. Lease Number
SF-078460
6. If Indian, All. or
Tribe Name

2. Name of Operator

ConocoPhillips

7. Unit Agreement Name
San Juan 32-7 Unit
NMNM 78423A

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

8. Well Name & Number
San Juan 32-7 Unit 247H

4. Location of Well, Footage, Sec., T, R, M

Surface: Unit G (SWNE), 1180' FNL & 2865' FEL, Section 7, T32N, R7W, NMPL
BHL: Unit E (SWNW), 710' FNL & 710' FWL, Section 7, T32N, R7W, NMPL

9. API Well No.
30-045-33900

10. Field and Pool
Basin Fruitland Coal

11. County and State
San Juan, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

☒ Notice of Intent☐ Abandonment☐ Change of Plans☒ Other - ☐ Add Lateral☐ Subsequent Report☐ Recompletion☐ New Construction☐ Final Abandonment☐ Plugging☐ Non-Routine Fracturing☐ Casing Repair☐ Water Shut off☐ Altering Casing☐ Conversion to Injection

**RCVD AUG 2 '10
OIL CONS. DIV.
DIST. 3**

13. Describe Proposed or Completed Operations

ConocoPhillips wishes to add a lateral to the original wellbore in Fruitland Coal. Please see attached C102 package, project proposal and directional drill plan. We would also like to change the subject's well name from San Juan 32-7 Unit 247A Lateral to San Juan 32-7 Unit 247H. The revised plat is attached.

— Upon completion of each action, please provide detailed drilling sundries & completion report 247A

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

Signed

Dollie L. Busse

Dollie L. Busse

Title Staff Regulatory Technician

Date 6-16-10

(This space for Federal or State Office use)

APPROVED BY

Jim Latake

Title

Acting AFM Minerals

Date

7/28/10

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

NMOCD

Type I or type II
APD Masterdrilling Plan
for BOPS will be required

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

District II
1301 W Grand Avenue, Artesia, NM 88210

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

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
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 30-045-33900		*Pool Code 71629	*Pool Name BASIN FRUITLAND COAL
*Property Code 31329	*Property Name SAN JUAN 32-7 UNIT		*Well Number 247H
*GRID No. 217817	*Operator Name CONOCOPHILLIPS COMPANY		*Elevation 6418'

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
G	7	32N	7W		1180	NORTH	2865	EAST	SAN JUAN

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
E	7	32N	7W		710	NORTH	710	WEST	SAN JUAN

¹² Dedicated Acres 319.42 Acres	Lots 2, 3, 5, 6 and 7 E/2 SW/4 & W/2 SE/4	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-13203
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BOTTOM-HOLE
LAT: 36°59.8798'N
LONG: 107°36.9031'W
DATUM: NAD1927

SURFACE LOCATION
LAT: 36°59.8034'N
LONG: 107°36.4975'W
DATUM: NAD1927

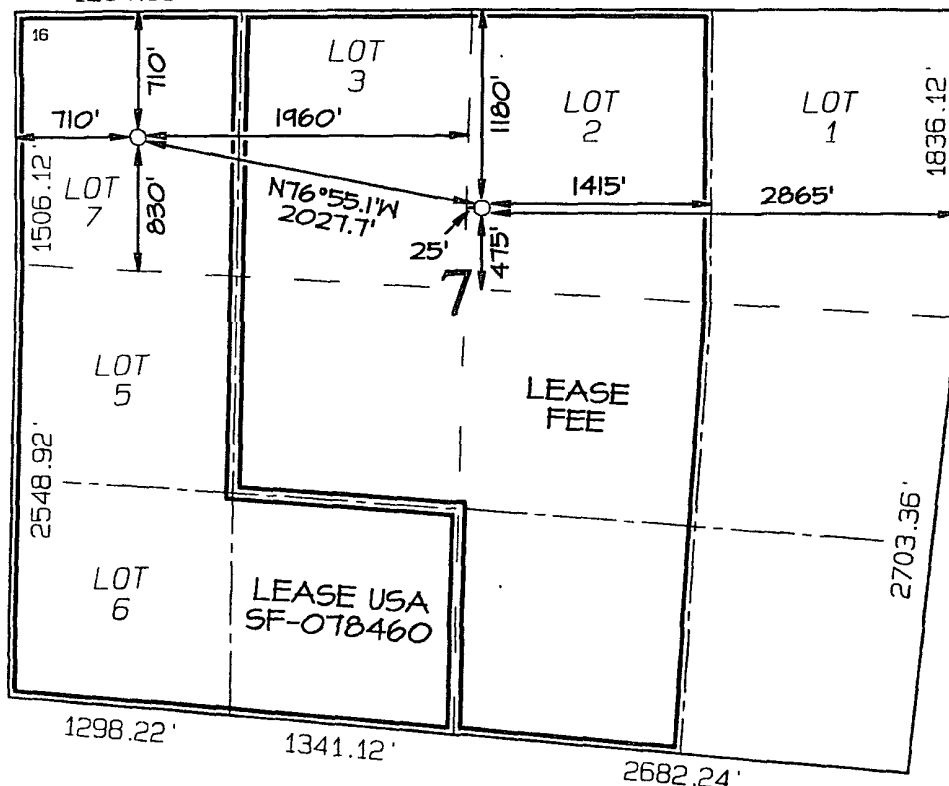
LAT: 36.99800'N
LONG: 107.61566'W
DATUM: NAD1983

LAT: 36.99673'N
LONG: 107.60890'W
DATUM: NAD1983

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

COLORADO / NEW MEXICO STATE-LINE BOUNDARY

1264.56' 1428.24' 2856.48'



¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Dollie L. Busse 6-16-10
Signature Date

Dollie L. Busse
Printed Name

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.

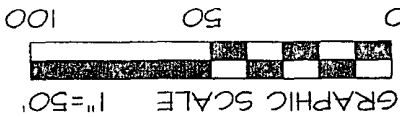
Date of Survey: MARCH 27, 2010

Signature and Seal of Professional Surveyor



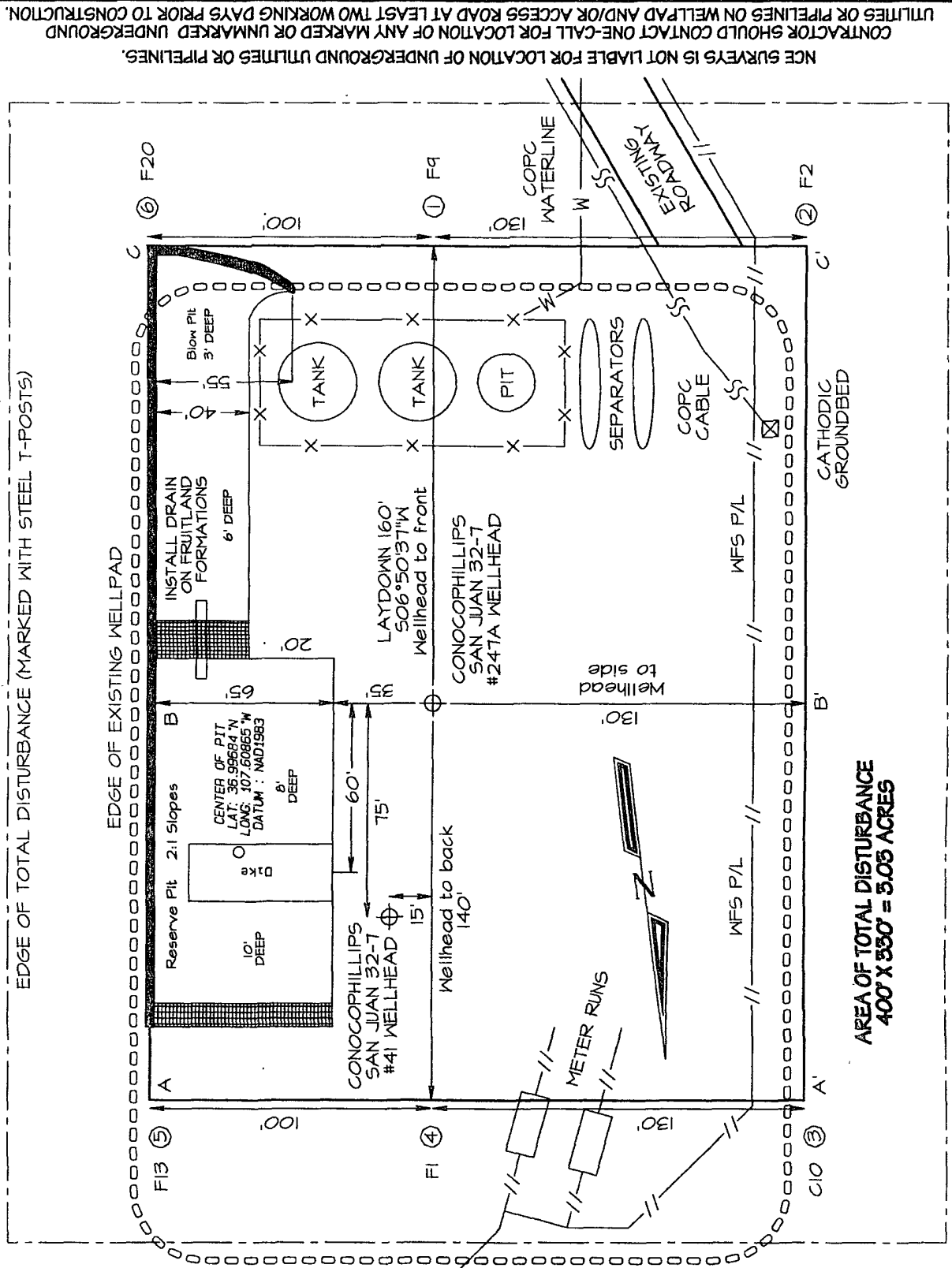
JASON C. EDWARDS
Certificate Number 15269

CONOCOPHILLIPS COMPANY SAN JUAN 32-7 UNIT #247H
1180' FNL & 2865' FEL, SECTION 7, T32N, R7W, NMPM
SAN JUAN COUNTY, NEW MEXICO ELEVATION: 6418'



LATITUDE: 36.99673°N
LONGITUDE: 107.60890°W
DATUM: NAD1983

~ SURFACE OWNER ~
FEE Land : Ruby E. Hirsch



NCE SURVEYS IS NOT LIABLE FOR LOCATION OF UNDERGROUND UTILITIES OR PIPELINES. CONTRACTOR SHOULD CONTACT ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED UNDERGROUND UTILITIES OR PIPELINES ON WELLPAD AND/OR ACCESS ROAD AT LEAST TWO WORKING DAYS PRIOR TO CONSTRUCTION.

AREA OF TOTAL DISTURBANCE (MARKED WITH STEEL T-POSTS)

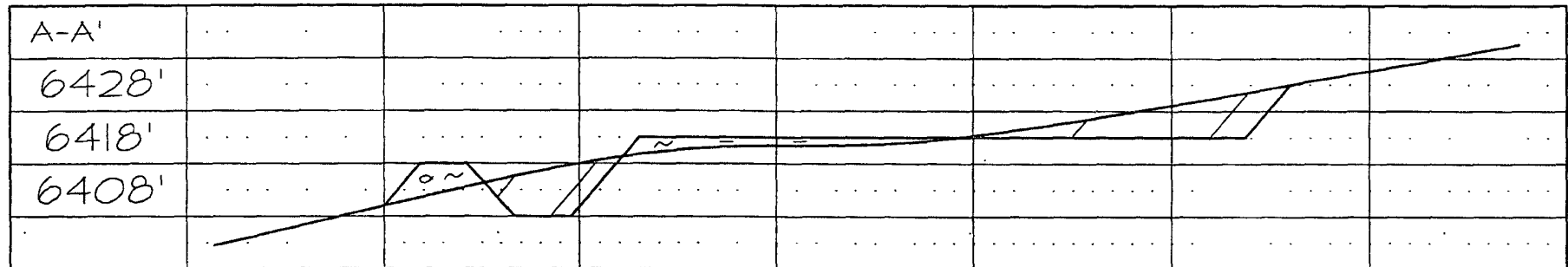
AREA OF TOTAL DISTURBANCE
 400' X 330' = 5.03 ACRES

CONOCOPHILLIPS COMPANY SAN JUAN 32-7 UNIT #247H
1180' FNL & 2865' FEL, SECTION 7, T32N, R7W, NMPM
SAN JUAN COUNTY, NEW MEXICO ELEVATION: 6418'

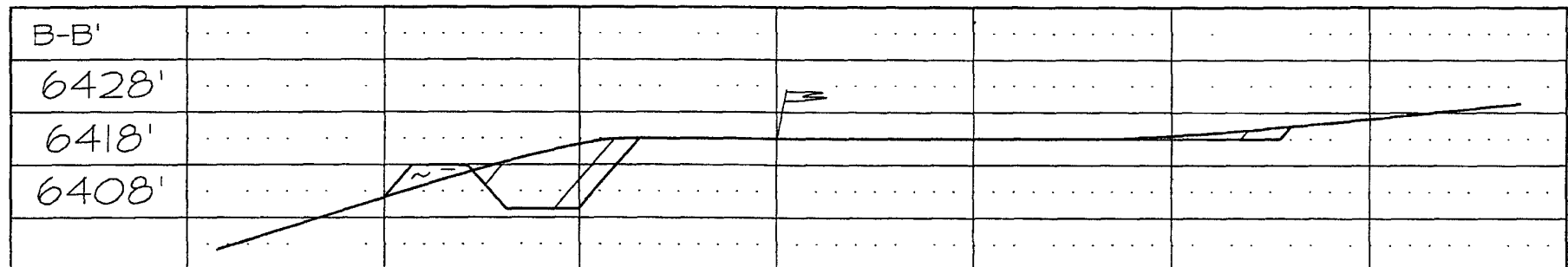
HORIZONTAL SCALE 1"=40'

C/L

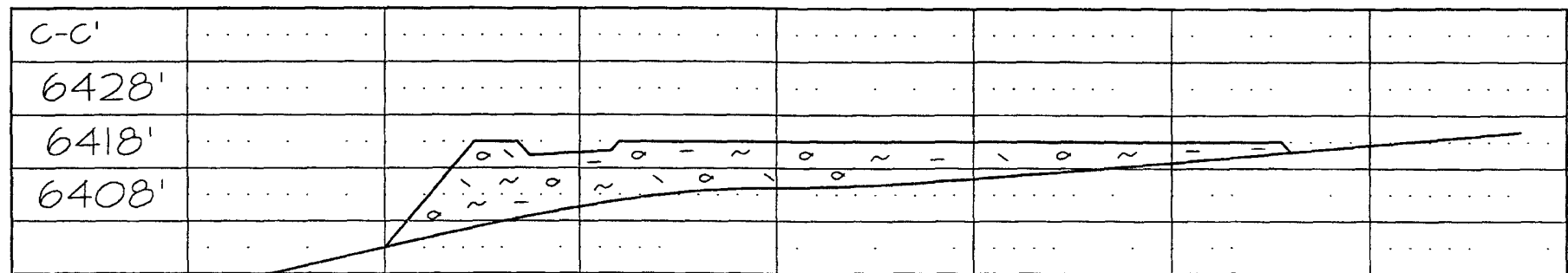
VERTICAL SCALE 1"=30'



C/L



C/L

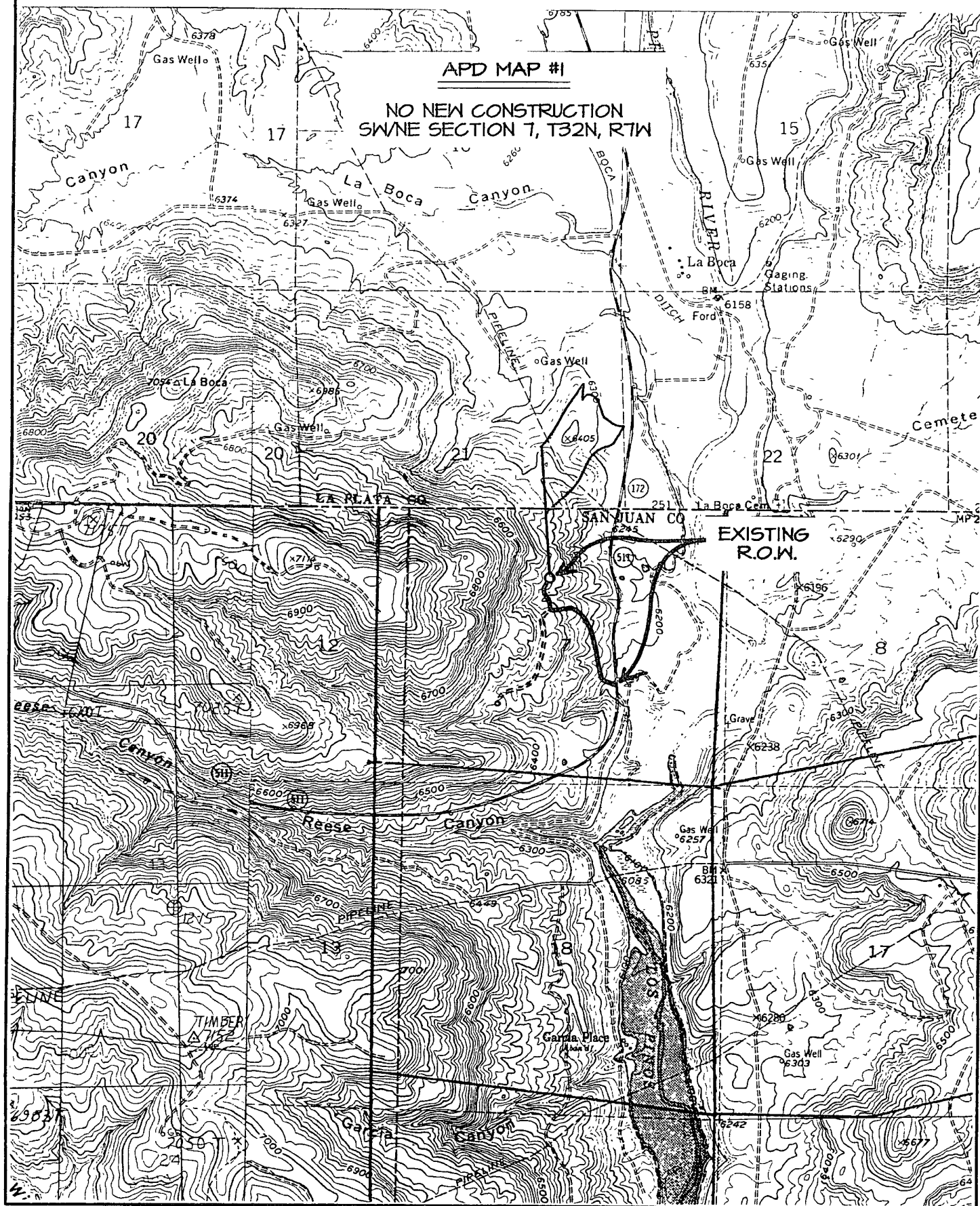


NCE SURVEYS IS NOT LIABLE FOR LOCATION OF UNDERGROUND UTILITIES OR PIPELINES.

CONTRACTOR SHOULD CONTACT ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED UNDERGROUND UTILITIES OR PIPELINES ON WELLPAD AND/OR ACCESS ROAD AT LEAST TWO WORKING DAYS PRIOR TO CONSTRUCTION.

SAN JUAN COUNTY, NEW MEXICO

NO NEW CONSTRUCTION
SW/NE SECTION 7, T32N, R7W



Directions from the Intersection of US Hwy 550 & State Hwy 173 in Aztec, NM
to ConocoPhillips Company San Juan 32-7 Unit #247H

1180' ENL & 2865' FEL, Section 7, T32N, R7W, NMPM, San Juan County, NM

Latitude : 36.99673°N Longitude : 107.60890°W Datum : NAD1983

From the intersection of US Hwy 550 & State Hwy 173 in Aztec, NM, travel Easterly on State Hwy 173 for 18.1 miles to the intersection of State Highway 173 & State Highway 511;

Go left (North-easterly) on State Highway 511 for 23.6 miles to Milepost 31.7;

Go left (North-westerly) for 0.4 miles to fork in road;

Go right (Northerly) for 0.1 miles to staked location which overlaps an existing wellpad.

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 32-7 UNIT 247H LATERAL

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8315		AFE \$: 1,504,118.40	
Field Name: SAN JUAN		Rig: Aztec Rig 730		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist: Sturdy, Michael D		Phone: 505-326-9850		Prod. Engineer:	
Res. Engineer:		Phone:		Proj. Field Lead:	
Primary Objective (Zones):					
Zone	Zone Name				
JCV	BASIN FRUITLAND COAL (GAS)				
Location: Surface					
Datum Code: NAD 27		Horizontal			
Latitude: 36.996726	Longitude: -107.608289	X:	Y:	Section: 07	Range: 007W
Footage X: 2865 FEL	Footage Y: 1180 FNL	Elevation: 6418	(FT)	Township: 032N	
Tolerance:					
Location: Bottom Hole					
Datum Code: NAD 27		Horizontal			
Latitude: 36.997996	Longitude: -107.615049	X:	Y:	Section: 07	Range: 007W
Footage X: 710 FWL	Footage Y: 710 FNL	Elevation:	(FT)	Township: 032N	
Tolerance:					
Location Type: Restricted		Start Date (Est.): 1/1/2010		Completion Date:	
				Date In Operation:	
Formation Data: Assume KB = 6433 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
NACIMIENTO	200	6233	☐		200' MD
OJO ALAMO	535	5898	☐		535' MD
KIRTLAND	1950	4483	☐		1950' MD
EXIT MAIN BORE LATERAL	2870	3563	☐		Casing Exit out of existing 5-1/2" casing @ 2870' MD/TVD
T/GREEN MESA	3064	3369	☐		Top of target coal below surface location, not part of well path
Total Depth	3070	3363	☐		5015' MD: Lined with 3-1/2" 9.2# L-80 ULT-FJ pre-perforated casing, no cement
PATH 2000' F/SHL LATERAL	3070	3363	☐		4987' MD: Middle of coal seam and well path 2000' from surface location
PATH 1500' F/SHL LATERAL	3070	3363	☐		4487' MD: Middle of coal seam and well path 1500' from surface location
B/GREEN MESA	3071	3362	☐	1400	Bottom of target coal below surface location, not part of well path
PATH 1000' F/SHL LATERAL	3072	3361	☐		3987' MD: Middle of coal seam and well path 1000' from surface location
PATH 500' F/SHL LATERAL	3073	3360	☐		3487' MD: Middle of coal seam and well path 500' from surface location
PATH 100' F/SHL LATERAL	3074	3359	☐		middle of target coal, 100' from surface location, not part of well path
Reference Wells:					
Reference Type	Well Name	Comments			
Production	SJ 32-7 Unit 247A	32N 7W 7 SW SW NE			
Production	SJ 32-7 Unit 55	32N 7W 7 SW NE SW			
Production	SJ 32-7 Unit 41A	32N 7W 7 NW SE SW			

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

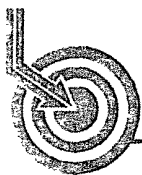
SAN JUAN 32-7 UNIT 247H LATERAL

DEVELOPMENT

Logging Program:	
Intermediate Logs:	☐ Log only if show ☐ GR/ILD ☐ Triple Combo

TD Logs:	☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other
MWD - Gamma Ray from start of open hole section to TD Mudlog from kick off point to TD	

Additional Information:					
Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks



Scientific Drilling
Directional Drilling Operations

ConocoPhillips

**SJB (NM West)
SEC 07-T32N-R7W
SJ 32-7 #247H**

Lateral OH

Plan: Plan #1

Standard Planning Report

05 May, 2010


ConocoPhillips

Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well SJ 32-7 #247H
Company:	ConocoPhillips	TVD Reference:	DFE @ 6433.0ft (AWS 730)
Project:	SJB (NM West)	MD Reference:	DFE @ 6433.0ft (AWS 730)
Site:	SEC 07-T32N-R7W	North Reference:	True
Well:	SJ 32-7 #247H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Lateral OH		
Design:	Plan #1		

Project:	SJB (NM West), New Mexico, S-Type MV/DK Wells		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		Using Well Reference Point
Map Zone:	New Mexico West 3003		Using geodetic scale factor

Site:	SEC 07-T32N-R7W		
Site Position:		Northing:	2,182,154.43 ft
From:	Lat/Long	Easting:	565,718.46 ft
Position Uncertainty:	0.0 ft	Slot Radius:	6-1/8"
		Latitude:	36° 59' 48.204 N
		Longitude:	107° 36' 29.850 W
		Grid Convergence:	0.14 °

Well:	SJ 32-7 #247H, CBM HZ Re-entry		
Well Position	+N/-S	0.0 ft	Northing:
	+E/-W	0.0 ft	Easting:
Position Uncertainty	3.5 ft	Wellhead Elevation:	ft
		Latitude:	36° 59' 48.204 N
		Longitude:	107° 36' 29.850 W
		Ground Level:	6,418.0 ft

Wellbore:	Lateral OH				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	BGGM2009	5/3/2010	9.99	63.78	51,038

Design:	Plan #1
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Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	2,869.9
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.0	0.0	0.0	283.22

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
2,869.9	0.00	0.00	2,869.9	0.0	0.0	0.00	0.00	0.00	0.00	
3,192.4	90.29	283.14	3,074.5	46.8	-200.3	28.00	28.00	0.00	283.14	
3,192.7	90.30	283.14	3,074.5	46.8	-200.6	2.00	1.89	-0.65	-19.00	
3,487.0	90.30	283.14	3,073.0	113.7	-487.2	0.00	0.00	0.00	0.00	SJ 32-7 #247A TG1
3,496.7	90.11	283.20	3,073.0	115.9	-496.7	2.00	-1.90	0.64	161.46	
3,987.0	90.11	283.20	3,072.0	227.9	-974.0	0.00	0.00	0.00	0.00	SJ 32-7 #247A TG1
3,992.9	90.23	283.20	3,072.0	229.2	-979.7	2.00	2.00	-0.01	-0.29	
4,487.0	90.23	283.20	3,070.0	342.0	-1,460.8	0.00	0.00	0.00	0.00	SJ 32-7 #247A TG1
4,500.3	90.00	283.33	3,070.0	345.1	-1,473.7	2.00	-1.75	0.97	150.93	
5,014.7	90.00	283.33	3,070.0	463.7	-1,974.2	0.00	0.00	0.00	0.00	SJ 32-7 #247A BHL

Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well SJ 32-7 #247H
Company:	ConocoPhillips	TVD Reference:	DFE @ 6433.0ft (AWS 730)
Project:	SJB (NM West)	MD Reference:	DFE @ 6433.0ft (AWS 730)
Site:	SEC 07-T32N-R7W	North Reference:	True
Well:	SJ 32-7 #247H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Lateral OH		
Design:	Plan #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
2,869.9	0.00	0.00	2,869.9	0.0	0.0	0.0	0.00	0.00	0.00
2,880.0	2.83	283.14	2,880.0	0.1	-0.2	0.2	28.00	28.00	0.00
2,900.0	8.43	283.14	2,899.9	0.5	-2.2	2.2	28.00	28.00	0.00
2,920.0	14.03	283.14	2,919.5	1.4	-5.9	6.1	28.00	28.00	0.00
2,940.0	19.63	283.14	2,938.6	2.7	-11.6	11.9	28.00	28.00	0.00
2,960.0	25.23	283.14	2,957.1	4.4	-19.0	19.5	28.00	28.00	0.00
2,980.0	30.83	283.14	2,974.8	6.6	-28.2	28.9	28.00	28.00	0.00
3,000.0	36.43	283.14	2,991.4	9.1	-38.9	40.0	28.00	28.00	0.00
3,020.0	42.03	283.14	3,006.9	12.0	-51.2	52.6	28.00	28.00	0.00
3,030.9	45.09	283.14	3,014.8	13.7	-58.6	60.2	28.00	28.00	0.00
SJ 32-7 #247A TGT #1									
3,040.0	47.63	283.14	3,021.1	15.2	-65.0	66.7	28.00	28.00	0.00
3,060.0	53.23	283.14	3,033.8	18.7	-80.0	82.1	28.00	28.00	0.00
3,080.0	58.83	283.14	3,045.0	22.4	-96.1	98.7	28.00	28.00	0.00
3,100.0	64.43	283.14	3,054.5	26.4	-113.3	116.3	28.00	28.00	0.00
3,120.0	70.03	283.14	3,062.2	30.6	-131.2	134.7	28.00	28.00	0.00
3,140.0	75.63	283.14	3,068.1	35.0	-149.8	153.8	28.00	28.00	0.00
3,160.0	81.23	283.14	3,072.1	39.4	-168.9	173.4	28.00	28.00	0.00
3,180.0	86.83	283.14	3,074.2	43.9	-188.2	193.3	28.00	28.00	0.00
3,192.4	90.29	283.14	3,074.5	46.8	-200.3	205.7	28.00	28.00	0.00
3,192.7	90.30	283.14	3,074.5	46.8	-200.6	206.0	2.00	1.89	-0.65
3,200.0	90.30	283.14	3,074.5	48.5	-207.7	213.3	0.00	0.00	0.00
3,300.0	90.30	283.14	3,074.0	71.2	-305.1	313.3	0.00	0.00	0.00
3,400.0	90.30	283.14	3,073.5	93.9	-402.5	413.3	0.00	0.00	0.00
3,487.0	90.30	283.14	3,073.0	113.7	-487.2	500.3	0.00	0.00	0.00
SJ 32-7 #247A TGT #2									
3,496.7	90.11	283.20	3,073.0	115.9	-496.7	510.0	2.00	-1.90	0.64
3,500.0	90.11	283.20	3,073.0	116.7	-499.9	513.3	0.00	0.00	0.00
3,600.0	90.11	283.20	3,072.8	139.5	-597.2	613.3	0.00	0.00	0.00
3,700.0	90.11	283.20	3,072.6	162.4	-694.6	713.3	0.00	0.00	0.00
3,800.0	90.11	283.20	3,072.4	185.2	-791.9	813.3	0.00	0.00	0.00
3,900.0	90.11	283.20	3,072.2	208.0	-889.3	913.3	0.00	0.00	0.00
3,987.0	90.11	283.20	3,072.0	227.9	-974.0	1,000.3	0.00	0.00	0.00
SJ 32-7 #247A TGT #3									
3,992.9	90.23	283.20	3,072.0	229.2	-979.7	1,006.2	2.00	2.00	-0.01
4,000.0	90.23	283.20	3,072.0	230.9	-986.6	1,013.3	0.00	0.00	0.00
4,100.0	90.23	283.20	3,071.6	253.7	-1,084.0	1,113.3	0.00	0.00	0.00
4,200.0	90.23	283.20	3,071.2	276.5	-1,181.4	1,213.3	0.00	0.00	0.00
4,300.0	90.23	283.20	3,070.8	299.4	-1,278.7	1,313.3	0.00	0.00	0.00
4,400.0	90.23	283.20	3,070.3	322.2	-1,376.1	1,413.3	0.00	0.00	0.00
4,487.0	90.23	283.20	3,070.0	342.0	-1,460.8	1,500.3	0.00	0.00	0.00
SJ 32-7 #247A TGT #4									
4,500.3	90.00	283.33	3,070.0	345.1	-1,473.7	1,513.6	2.00	-1.75	0.97
4,600.0	90.00	283.33	3,070.0	368.1	-1,570.7	1,613.3	0.00	0.00	0.00
4,700.0	90.00	283.33	3,070.0	391.1	-1,668.0	1,713.3	0.00	0.00	0.00
4,800.0	90.00	283.33	3,070.0	414.2	-1,765.4	1,813.3	0.00	0.00	0.00
4,900.0	90.00	283.33	3,070.0	437.2	-1,862.7	1,913.3	0.00	0.00	0.00
5,000.0	90.00	283.33	3,070.0	460.3	-1,960.0	2,013.3	0.00	0.00	0.00
5,013.9	90.00	283.33	3,070.0	463.5	-1,973.5	2,027.2	0.00	0.00	0.00
SJ 32-7 #247A BHL 1									
5,014.7	90.00	283.33	3,070.0	463.7	-1,974.2	2,028.0	0.00	0.00	0.00
SJ 32-7 #247A BHL									

Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well SJ 32-7 #247H
Company:	ConocoPhillips	TVD Reference:	DFE @ 6433.0ft (AWS 730)
Project:	SJB (NM West)	MD Reference:	DFE @ 6433.0ft (AWS 730)
Site:	SEC 07-T32N-R7W	North Reference:	True
Well:	SJ 32-7 #247H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Lateral OH		
Design:	Plan #1		

Design Targets										
Target Name	hit/miss target Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
SJ 32-7 #247A BHL	- plan hits target center - Point	0.00	0.00	3,070.0	463.7	-1,974.2	2,182,613.41	563,743.29	36° 59' 52.788 N	107° 36' 54.186 W
SJ 32-7 #247A TGT #	- plan hits target center - Point	0.00	0.00	3,070.0	342.0	-1,460.8	2,182,493.00	564,257.00	36° 59' 51.586 N	107° 36' 47.857 W
SJ 32-7 #247A TGT #	- plan hits target center - Point	0.00	0.00	3,072.0	227.9	-974.0	2,182,380.00	564,744.00	36° 59' 50.457 N	107° 36' 41.856 W
SJ 32-7 #247A TGT #	- plan hits target center - Point	0.00	0.00	3,073.0	113.7	-487.2	2,182,267.00	565,231.00	36° 59' 49.328 N	107° 36' 35.856 W
SJ 32-7 #247A TGT #	- plan misses target center by 85.4ft at 3030.9ft MD (3014.8 TVD, 13.7 N, -58.6 E) - Point	0.00	0.00	3,075.0	0.6	0.5	2,182,155.00	565,719.00	36° 59' 48.210 N	107° 36' 29.843 W



Project: SJB (NM West)
 Site: SEC 07-T32N-R7W
 Well: SJ 32-7 #247H
 Wellbore: Lateral OH
 Design: Plan #1



REFERENCE INFORMATION

Co-ordinate (N/E) Reference Well SJ 32-7 #247H, True North
 Vertical (TVD) Reference DFE @ 6433 Off (AWS 730)
 Section (VS) Reference Slope (0 ON, 0 OE)
 Measured Depth Reference DFE @ 6433 Off (AWS 730)
 Calculation Method Minimum Curvature

PROJECT DETAILS

Geodetic System: US State Plane 1927 (Exact solution)
 Datum: NAD 1927 (NADCON CONUS)
 Ellipsoid: Clarke 1866
 Zone: New Mexico West 3003
 System Datum: Mean Sea Level

WELL DETAILS: SJ 32-7 #247H

Ground Level: 6418.0
 +N/-S +E/-W Northing Easting Latitude Longitude
 0.0 0.0 2182154.43 565718.46 36° 59' 48.204 N 107° 36' 29.850 W

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	2869.9	0.00	0.00	2869.9	0.0	0.0	0.00	0.00	0.0	
2	3192.4	90.29	283.14	3074.5	46.8	-200.3	28.00	283.14	205.7	
3	3192.7	90.30	283.14	3074.5	46.8	-200.6	2.00	-19.00	206.0	
4	3487.0	90.30	283.14	3073.0	113.7	-487.2	0.00	0.00	500.3	SJ 32-7 #247A TGT #2
5	3486.7	90.11	283.20	3073.0	115.9	-486.7	2.00	161.46	510.0	
6	3987.0	90.11	283.20	3072.0	227.9	-974.0	0.00	0.00	1000.3	SJ 32-7 #247A TGT #3
7	3992.9	90.23	283.20	3072.0	229.2	-979.7	2.00	-0.29	1006.2	
8	4487.0	90.23	283.20	3070.0	342.0	-1460.8	0.00	0.00	1500.3	SJ 32-7 #247A TGT #4
9	4500.3	90.00	283.33	3070.0	345.1	-1473.7	2.00	150.93	1513.6	
10	5014.7	90.00	283.33	3070.0	463.7	-1974.2	0.00	0.00	2028.0	SJ 32-7 #247A BHL

