

Submit 3 Copies To Appropriate District Office

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., 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 and Natural Resources

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

Form C-103

March 4, 2004

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-039-29734
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator <b>ConocoPhillips Company</b>		6. State Oil & Gas Lease No.
3. Address of Operator <b>P.O. Box 4289, Farmington, NM 87499-4289</b>		7. Lease Name or Unit Agreement Name San Juan 29-6 Unit
4. Well Location Unit Letter <u>P</u> : <u>10</u> feet from the <u>South</u> line and <u>10</u> feet from the <u>East</u> line Section <u>19</u> Township <u>29N</u> Range <u>R6W</u> NMPM Rio Arriba County		8. Well Number #65B
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6280' GL		9. OGRID Number 217817
		10. Pool name or Wildcat Blanco MV

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☒

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

The subject well was moved at the Surface Owner's request. Please note the new plat & cut & fill diagram as well as new drilling plans that have been attached.

Conocophillips requests permission to have the option to either drill a 12-1/4" hole for the surface casing, as permitted in our APDs or drilling a 13-1/2" hole. The new H&P rigs COPC is using have the capability of pumping the cement used at a higher rate than the older rigs. The larger hole makes it easier to run and cement of the surface casing.

Our drilling schedules change often and we don't know at the time of permitting which rig will be used to drill the well. This is the reason we need to have the option to use either size hole on the surface casing. The wells drilled with the H&P rigs will use the 13-1/2" hole & will use approx. 225 sx of Class G cement (1.17 yield @ 15.8 density). The cement will be pumped and circulated to surface.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan.

SIGNATURE Patsy Clugston TITLE Sr. Regulatory Specialist DATE 8/24/06

Type or print name Patsy Clugston E-mail address: pclugston@br-inc.com Telephone No. 505-326-9518

(This space for State use)

APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 3 DATE AUG 25 2006

Conditions of approval, if any:

HOLD C104 FOR directional survey

8

District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
PO Drawer 00, 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 30-039-29734		*Pool Code 72319	*Pool Name BLANCO MESAVERDE
*Property Code 31326	*Property Name SAN JUAN 29-6 UNIT		*Well Number 65B
*GRID No. 217817	*Operator Name CONOCOPHILLIPS COMPANY		*Elevation 6280'

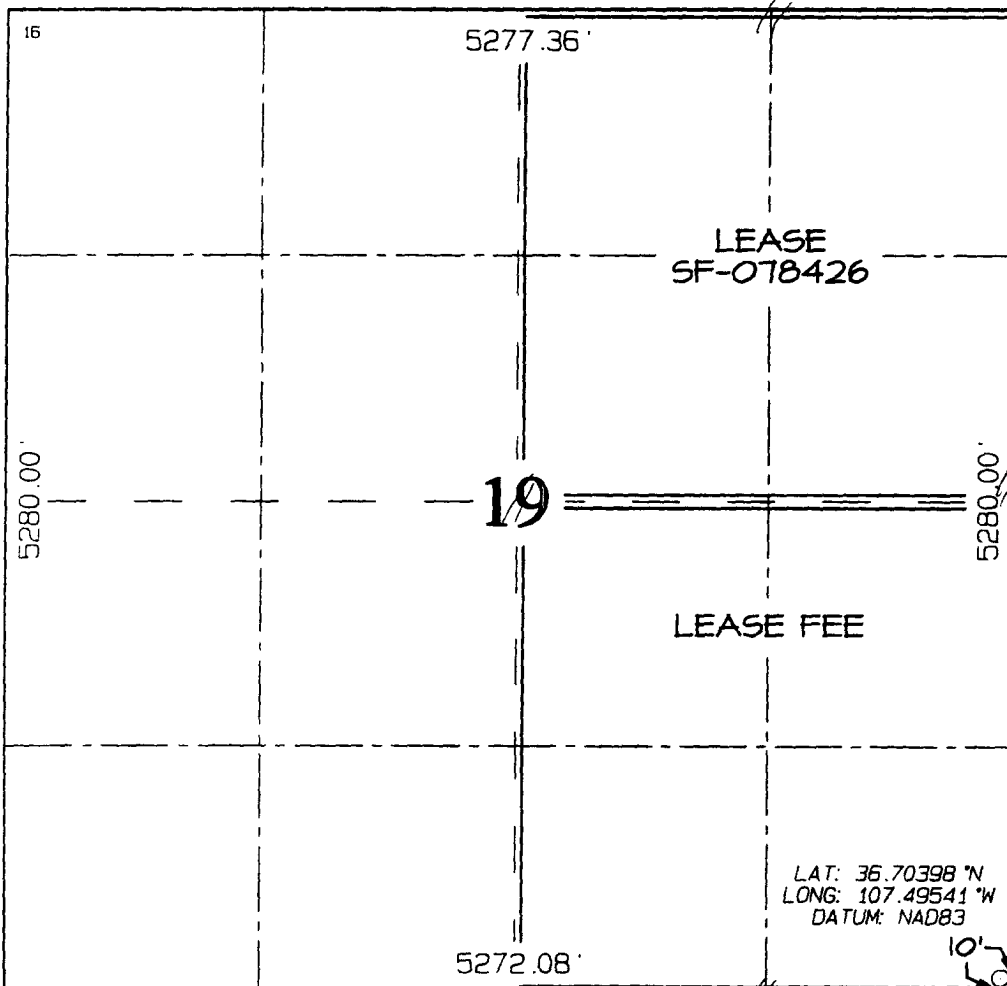
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	19	29N	6W		10	SOUTH	10	EAST	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
<sup>12</sup> Dedicated Acres 320.0 Acres - E/2					<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<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

*Virgil E. Chavez*  
Signature

Virgil E. Chavez  
Printed Name

Projects & Operations Lead  
Title

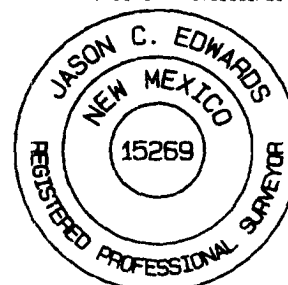
*June 2, 2006*  
Date

<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

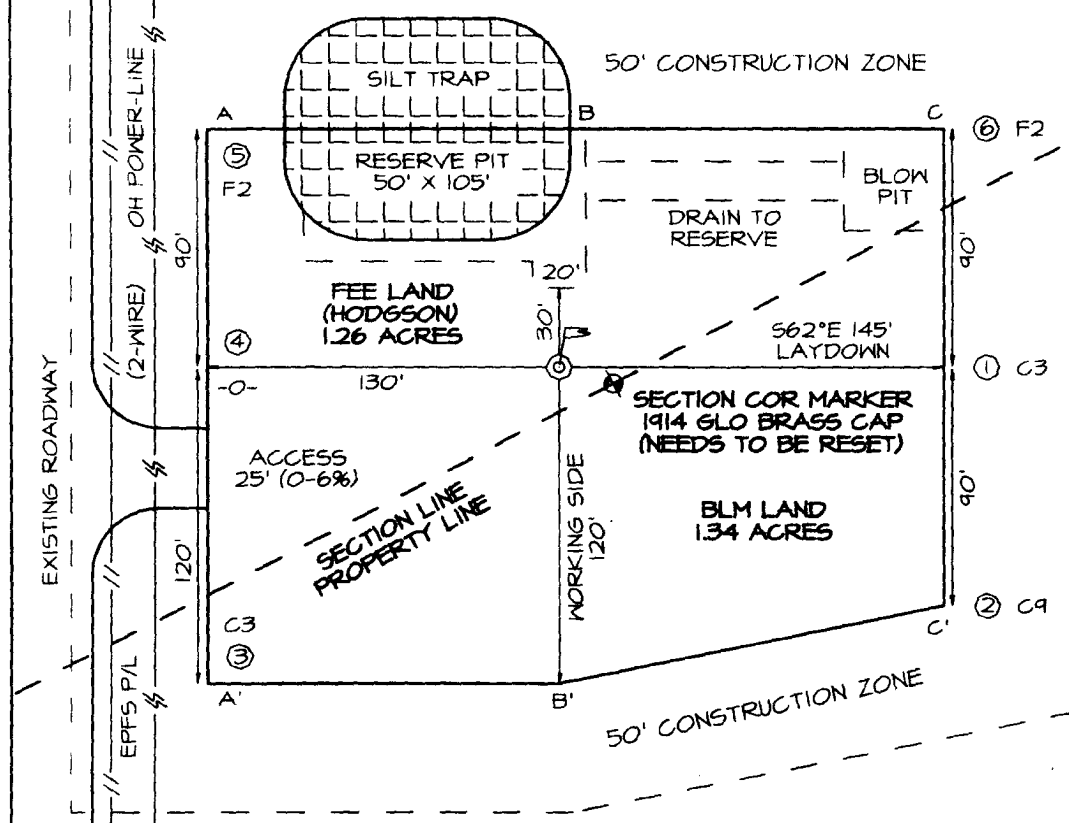
Survey Date: FEBRUARY 16, 2006

Signature and Seal of Professional Surveyor

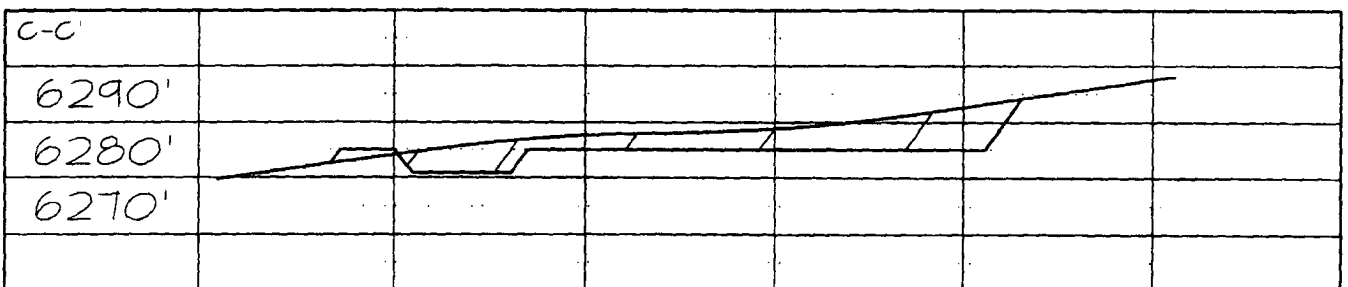
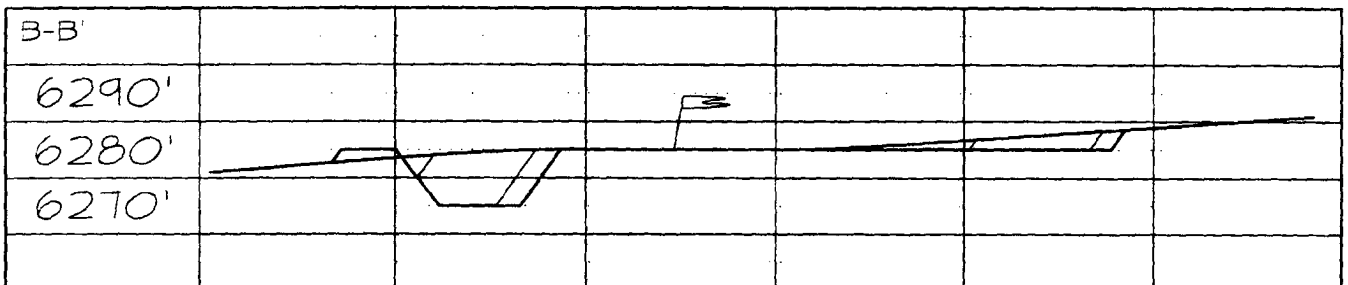
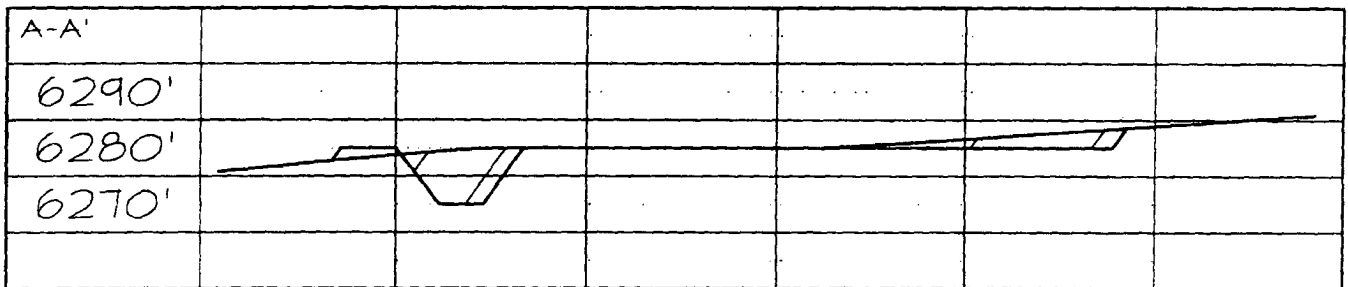


*Jason C. Edwards*  
Certificate Number 15269

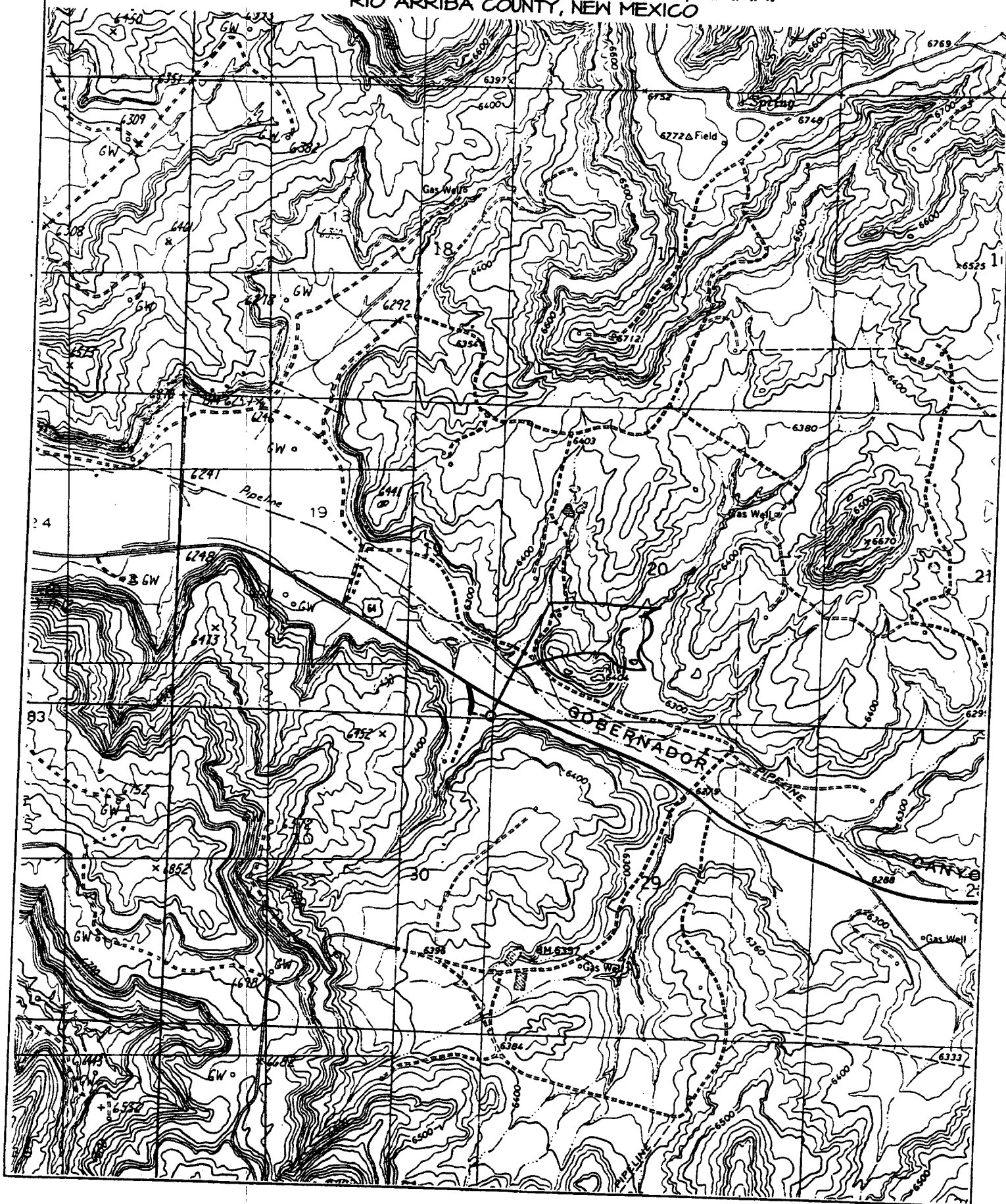
**CONOCOPHILLIPS COMPANY SAN JUAN 29-6 UNIT #65B**  
**10' FSL & 10' FEL, SECTION 19, T29N, R6W, NMPM**  
**RIO ARriba COUNTY, NEW MEXICO ELEVATION: 6280'**

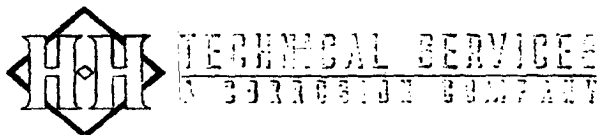


**LATITUDE: 36.70398° N**  
**LONGITUDE: 107.49541° W**  
 DATUM: NAD1983



10' FSL & 10' FEL, SECTION 19, T29N, R6W, N.M.P.M.  
RIO ARriba COUNTY, NEW MEXICO

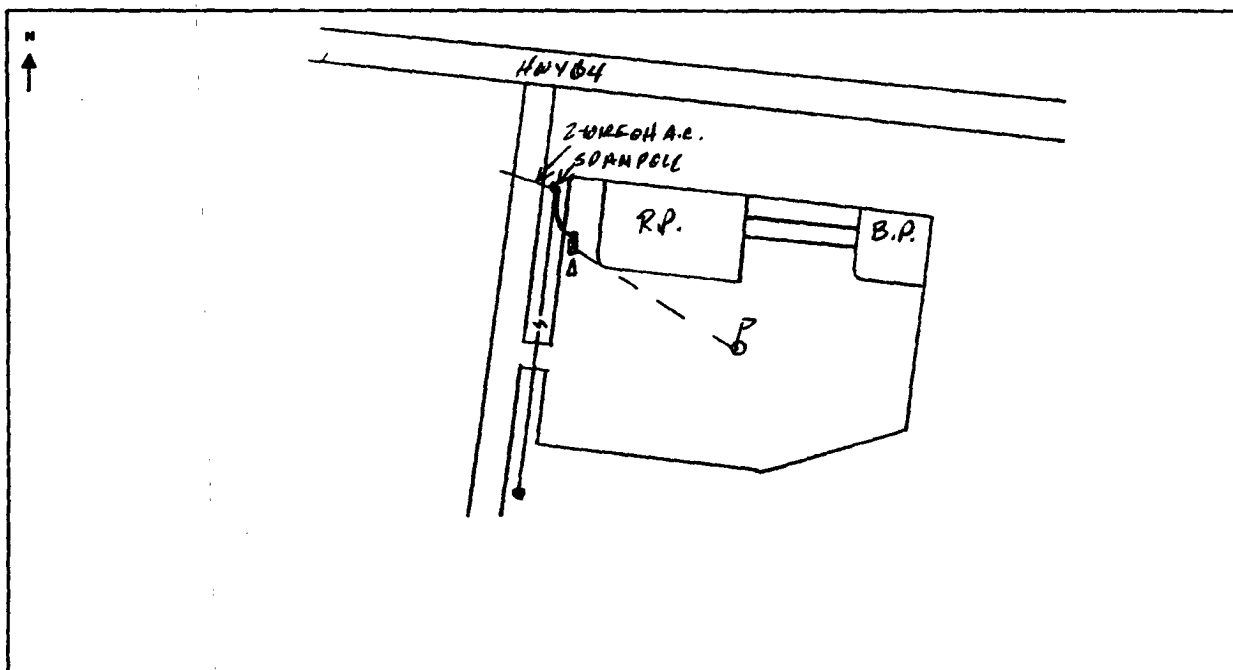




# CATHODIC PROTECTION PLAN FOR NEW WELLS

WELL NAME S.I. 29-6 #06B LEGALS P-19-29-6 COUNTY R.A

PURPOSED C.P. SYSTYEM: DRILL G.B. & SET H.V. W. / RECT @ D.W. EDGE OF LOC. TRENCH @ 200'  
#B NEG FROM RECT TO W.H



EXISTING WELLHEAD	METER HOUSE	G.C.	POWER SOURCE	CABLE	NEW WELL	OVERHEAD A.C.

COMMENTS: \_\_\_\_\_

NEAREST POWER SOURCE O.H. A.C. @ EDGE OF LOC. DISTANCE: 25'

PIPELINES IN AREA: \_\_\_\_\_

TECHNICIAN: *Edith J. J.* DATE: 3-5-06

6 CR 5412 BLOOMFIELD, N.M. 87413  
 OFFICE: 505-634-0271 CELL: 505-783-8953

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 29-6 65B

Lease:		AFE #: WAN.CNV.6192		AFE \$:	
Field Name: 29-6		Rig: Bickley		State: NM	County: RIO ARRIBA
Geoscientist: Glaser, Terry J		Phone: (832)486-2332		Prod. Engineer: Phone: 486-2334	
Res. Engineer:		Phone: 832-486-2385		Proj. Field Lead: Fransen, Eric E. Phone:	

## Primary Objective (Zones):

Zone	Zone Name
RON	BLANCO MESAVERDE (PRORATED GAS)

Location: Surface		Datum Code: NAD 27		Straight Hole	
Latitude: 36.703809	Longitude: -107.494892	X:	Y:	Section: 19	Range: 6W
Footage X: 10 FEL	Footage Y: 10 FSL	Elevation: 6280 (FT)	Township: 29N		
Tolerance:					

Location Type: Year Round	Start Date (Est.):	Completion Date:	Date In Operation:
Formation Data: Assume KB = 6293 Units = FT			

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	228	6065	<input type="checkbox"/>			Possible lost circulation. 12 1/4" Hole. 9 5/8", 32.3 ppf, H-40, STC casing. Circulate cement to surface.
NCMT	943	5350	<input type="checkbox"/>			
OJAM	2243	4050	<input type="checkbox"/>			Possible water flows.
KRLD	2393	3900	<input type="checkbox"/>			Possible water flows.
FRLD	2893	3400	<input type="checkbox"/>			Possible gas.
PCCF	3143	3150	<input type="checkbox"/>			
LEWS	3343	2950	<input type="checkbox"/>			
Intermediate Casing	3443	2850	<input type="checkbox"/>			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Circulate cement to surface.
CHRA	4113	2180	<input type="checkbox"/>			
CLFH	4863	1430	<input type="checkbox"/>			Gas; possibly wet
MENF	4963	1330	<input type="checkbox"/>			Gas.
PTLK	5313	980	<input type="checkbox"/>			Gas.
MNCS	5563	730	<input type="checkbox"/>			
TOTAL DEPTH MV	5663	630	<input type="checkbox"/>			6 1/4" Hole. 4 1/2", 10.5 ppf, J-55, STC casing. Circulate cement a minimum of 100' inside the previous casing string. No open hole logs. Cased hole TDT with GR to surface.

## Reference Wells:

Reference Type	Well Name	Comments
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## Logging Program:

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

TD Logs: ☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☒ TDT

## Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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# PROJECT PROPOSAL - New Drill / Sidetrack

**SAN JUAN 29-6 65B**

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Comments: Zones - Drill and equip the SAN JUAN 29-6 65B well as an 80-acre Mesaverde infill well, to be located 10 FEL & 200 FSL of Section 19-T29N-R6W, Rio Arriba County, NM. Once established and adequately tested, production will be from Mesaverde only.

General/Work Description - Drill and equip the SAN JUAN 29-6 65B well as an 80-acre Mesaverde infill well, to be located 10 FEL & 200 FSL of Section 19-T29N-R6W, Rio Arriba County, NM. Once established and adequately tested, production will be from Mesaverde only.

**TOPSET FRUITLAND COAL Wells:** (topset casing above coal to prepare for cavitation/DO/UR)

**Drilling Mud Program:**

Surface: spud mud

Intermediate: fresh water mud with bentonite and polymer as needed

Below Intermediate: air/mist/nitrogen drilling media with foamer, polymer, & corrosion inhibitor as needed

**Centralizer Program:**

Surface: centralizers placed 10' above the shoe latched over a stop collar and at the top of the 2<sup>nd</sup>, 3<sup>rd</sup>, & 4<sup>th</sup> joints

Intermediate: centralizers placed 10' above the shoe latched over a stop collar and at the top of the 2<sup>nd</sup>, 4<sup>th</sup>, 6<sup>th</sup>, 8<sup>th</sup>, & 10<sup>th</sup> joints

Turbolizers placed one per joint from the top of the Ojo Alamo to the top of the Kirtland Shale

Below Intermediate: no centralizers used in air holes. In mud holes centralizers are spaced out appropriately

**CASE & FRAC FRUITLAND COAL Wells:** (casing set below coal to prepare for frac completion)

**Drilling Mud Program:**

Surface: spud mud

Production: fresh water mud with bentonite and polymer as needed

**Centralizer Program:**

Surface: centralizers placed 10' above the shoe latched over a stop collar and at the top of the 2<sup>nd</sup>, 3<sup>rd</sup>, & 4<sup>th</sup> joints

Production: centralizers placed 10' above the shoe latched over a stop collar and at the top of the 2<sup>nd</sup>, 4<sup>th</sup>, 6<sup>th</sup>, 8<sup>th</sup>, & 10<sup>th</sup> joints

Turbolizers placed one per joint from the top of the Ojo Alamo to the top of the Kirtland Shale

**MESA VERDE Wells:**

**Drilling Mud Program:**

Surface: spud mud

Intermediate: fresh water mud with bentonite and polymer as needed

Below Intermediate: air/mist drilling media with foamer, polymer, & corrosion inhibitor as needed

**Centralizer Program:**

Surface: centralizers placed 10' above the shoe latched over a stop collar and at the top of the 2<sup>nd</sup>, 3<sup>rd</sup>, & 4<sup>th</sup> joints

Intermediate: centralizers placed 10' above the shoe latched over a stop collar and at the top of the 2<sup>nd</sup>, 4<sup>th</sup>, 6<sup>th</sup>, 8<sup>th</sup>, & 10<sup>th</sup> joints

Turbolizers placed one per joint from the top of the Ojo Alamo to the top of the Kirtland Shale

Below Intermediate: no centralizers used in air holes. In mud holes centralizers are spaced out appropriately

**DAKOTA Wells:**

**Drilling Mud Program:**

Surface: spud mud

Intermediate: fresh water mud with bentonite and polymer as needed

Below Intermediate: air/mist/nitrogen drilling media with foamer, polymer, & corrosion inhibitor as needed

**Centralizer Program:**

Surface: centralizers placed 10' above the shoe latched over a stop collar and at the top of the 2<sup>nd</sup>, 3<sup>rd</sup>, & 4<sup>th</sup> joints

Intermediate: centralizers placed 10' above the shoe latched over a stop collar and at the top of the 2<sup>nd</sup>, 4<sup>th</sup>, 6<sup>th</sup>, 8<sup>th</sup>, & 10<sup>th</sup> joints

Turbolizers placed one per joint from the top of the Ojo Alamo to the top of the Kirtland Shale

Below Intermediate: no centralizers used in air holes. In mud holes centralizers are spaced out appropriately



HOLE: 12.25 "  
CSG OD: 9.625 "  
CSG ID: 9.001 "  
WGT: 32.3 ppf  
GRADE: H-40  
EXCESS: 125 %  
DEPTH: 235'

**SURFACE:**  
Option 1  
148 sx  
30.8 bbls  
172.9 cuft  
1.17 ft³/sx  
15.8 ppg  
4.973 gal/sx  
Class G Cement  
+ 3% S001 Calcium Chloride  
+ 0.25 lb/sx D029 Cellophane Flakes  
Comp. Strength  
6 hrs 250 psi  
8 hrs 500 psi  
psi

Option 2  
143 sx  
30.8 bbls  
172.9 cuft  
1.21 ft³/sx  
15.6 ppg  
5.29 gal/sx  
Standard Cement  
+ 3% Calcium Chloride  
+ 0.25 lb/sx Floccle  
Comp. Strength  
6 hrs 250 psi  
8 hrs 500 psi  
psi

Option 3  
65 sx  
18.6 bbls  
104.3 cuft  
1.61 ft³/sx  
14.5 ppg  
7.41 gal/sx  
Type I-II Ready Mix  
+ 20% Fly Ash  
Comp. Strength  
8 hrs 475 psi  
24 hrs 1375 psi

HOLE: 8.75 "  
CSG OD: 7 "  
CSG ID: 6.456 "  
WGT: 20 ppf  
GRADE: J-55  
EXCESS: 150 %  
TAIL: 688.6'  
DEPTH: 3443'

**INTERMEDIATE LEAD:**

Option 1  
363 sx  
176.0 bbls  
988.3 cuft  
2.72 ft³/sx  
11.7 ppg  
15.74 gal/sx  
Class G Cement  
+ 3% D079 Extender  
+ 0.20% D046 Antifoam  
+ 10 lb/sx Phenoseal  
Comp. Strength  
9 hrs 300 psi  
48 hrs 525 psi  
psi

Option 2  
380 sx  
176.0 bbls  
988.3 cuft  
2.60 ft³/sx  
11.5 ppg  
14.62 gal/sx  
Type III Astgrove Cement  
+ 30 lb/sx San Juan Poz  
+ 3% Bentonite  
+ 5.0 lb/sx Phenoseal  
Comp. Strength  
1:47 hrs 50 psi  
12 hrs 350 psi  
24 hrs 450 psi  
psi

Option 3  
376 sx  
176.0 bbls  
988.3 cuft  
2.63 ft³/sx  
11.7 ppg  
15.92 gal/sx  
Class G Cement  
+ 3% D079 Extender  
+ 0.20% D046 Antifoam  
+ 1.0 lb/bbl CemNet  
Comp. Strength  
3 hrs 100 psi  
24 hrs 443 psi

**INTERMEDIATE TAIL:**

Option 1  
205 sx  
47.8 bbls  
268.4 cuft  
1.31 ft³/sx  
13.5 ppg  
5.317 gal/sx  
50/50 Poz: Class G Cement  
+ 0.25 lb/sx D029 Cellophane Flakes  
+ 3% S001 Calcium Chloride  
+ 2% D020 Bentonite  
+ 1.5 lb/sx D024 Gilsomite Extender  
+ 0.1% D046 Antifoamer  
+ 6 lb/sx Phenoseal  
Comp. Strength  
3:53 500 psi  
8:22 1000 psi  
24 hrs 3170 psi  
48 hrs 5399 psi  
psi

Option 2  
202 sx  
47.8 bbls  
268.4 cuft  
1.33 ft³/sx  
13.5 ppg  
5.52 gal/sx  
50/50 Poz: Standard Cement  
+ 2% Bentonite  
+ 6.0 lb/sx Phenoseal  
Comp. Strength  
2:05 50 psi  
4:06 500 psi  
12 hrs 1250 psi  
24hrs 1819 psi  
psi

Option 3  
210 sx  
47.8 bbls  
268.4 cuft  
1.28 ft³/sx  
13.5 ppg  
5.255 gal/sx  
50/50 Poz: Class G Cement  
+ 2% D020 Bentonite  
+ 5.0 lb/sx D024 Gilsomite Extender  
+ 2% S001 Calcium Chloride  
+ 0.1% D046 Antifoamer  
+ 0.15% D065 Dispersant  
+ 1.0 lb/bbl CemNet  
Comp. Strength  
24 hrs 1850 psi  
48 hrs 3411 psi

**PRODUCTION:**

Option 1  
254 sx  
65.0 bbls  
365.2 cuft  
1.44 ft³/sx  
13.0 ppg  
6.47 gal/sx  
50/50 Poz: Class G Cement  
+ 0.25 lb/sx D029 Cellophane Flakes  
+ 3% D020 Bentonite  
+ 1.0 lb/sx D024 Gilsomite Extender  
+ 0.25% D167 Fluid Loss  
+ 0.25% D065 Dispersant  
+ 0.1% D800 Retarder  
+ 0.1% D046 Antifoamer  
+ 3.5 lb/sx Phenoseal  
Comp. Strength  
7 hrs 500 psi  
24 hrs 2100 psi  
psi

Option 2  
252 sx  
65.0 bbls  
365.2 cuft  
1.45 ft³/sx  
13.1 ppg  
6.55 gal/sx  
50/50 Poz: Standard Cement  
+ 3% Bentonite  
+ 0.2% CFR-3 Friction Reducer  
+ 0.1% HR-5 Retarder  
+ 0.8% Halad-9 Fluid Loss Additive  
+ 3.5 lb/sx Phenoseal  
Comp. Strength  
9:32 50 psi  
12 hrs 500 psi  
13:29 1026 psi  
24 hrs 2300 psi  
psi

HOLE: 6.25 "  
CSG OD: 4.5 "  
CSG ID: 4.052 "  
WGT: 10.5 ppf  
GRADE: J-55  
EXCESS: 50 %  
DEPTH: 5683'

Option 2  
252 sx  
65.0 bbls  
365.2 cuft  
1.45 ft³/sx  
13.1 ppg  
6.55 gal/sx  
50/50 Poz: Standard Cement  
+ 3% Bentonite  
+ 0.2% CFR-3 Friction Reducer  
+ 0.1% HR-5 Retarder  
+ 0.8% Halad-9 Fluid Loss Additive  
+ 3.5 lb/sx Phenoseal  
Comp. Strength  
9:32 50 psi  
12 hrs 500 psi  
13:29 1026 psi  
24 hrs 2300 psi  
psi

San Juan 32-7 #36F

SURFACE:

HOLE: 12.25 "  
CSG OD: 9.625 "  
CSG ID: 9.001 "  
WGT: 32.3 ppf  
GRADE: H-40  
EXCESS: 125 %  
DEPTH: 235'

INTERMEDIATE LEAD:

Option 4  
343 sx  
176.0 bbls  
988.3 cuft  
2.88 ft³/sx  
11.5 ppg  
16.85 gal/sx  
Standard Cement  
+ 3% Econolite (Extender)  
+ 10 lb/sx Phenoseal  
Comp. Strength  
1,47 50 psi  
12 hrs 350 psi  
24 hrs 450 psi  
Option 5  
471 sx  
176.0 bbls  
988.3 cuft  
2.10 ft³/sx  
11.7 ppg  
11,724 gal/sx  
75% Type XI / 25% Class G Cement  
+ 0.25 lb/sx D029 Cellophane Flakes  
+ 3% D079 Extender  
+ 0.20% D046 Antifoam  
Comp. Strength  
10:56 500 psi  
42 hrs 1012 psi

INTERMEDIATE TAIL:

TAIL: 688.6'  
DEPTH: 3443'

PRODUCTION:

HOLE: 6.25 "  
CSG OD: 4.5 "  
CSG ID: 4.052 "  
WGT: 10.5 ppf  
GRADE: J-55  
EXCESS: 50 %  
DEPTH: 5663'