

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. SF-078432
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator CONOCO INC. Contact: VICKI WESTBY E-Mail: Vicki.R.Westby@conoco.com		7. If Unit or CA Agreement, Name and No. 18106
3a. Address 10 DESTA DR., ROOM 608W MIDLAND, TX 79705		8. Lease Name and Well No. HODGES 9E
3b. Phone No. (include area code) Ph: 915.686.5799 Ext: 5799		9. API Well No. 30-045-30760
4. Location of Well (Report location clearly and in accordance with any State requirements) At surface SESE 1230FSL 785FEL At proposed prod. zone		10. Field and Pool, or Exploratory BASIN DAKOTA/BLANDS SOUTH
14. Distance in miles and direction from nearest town or post office*		11. Sec., T., R., M., or Blk. and Survey or Area Sec 28 T26N R8W Mer NMP
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. of Acres in Lease	12. County or Parish SAN JUAN
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth 7028 MD	13. State NM
21. Elevations (Show whether DF, KB, RT, GL, etc.) 6577 GL	22. Approximate date work will start	17. Spacing Unit dedicated to this well
20. BLM/BIA Bond No. on file		23. Estimated duration

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature	Name (Printed/Typed) VICKI WESTBY	Date 08/01/2001
Title AUTHORIZED SIGNATURE		
Approved by (Signature) /s/ Joel Farrell	Name (Printed/Typed)	Date AUG 31
Title	Office	

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

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.

Additional Operator Remarks (see next page)

Electronic Submission #6111 verified by the BLM Well Information System
For CONOCO INC., sent to the Farmington
Committed to AFMSS for processing by Maurice Johnson on 08/06/2001 ()

procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4,

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

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

District I
PO 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 30-045-30760		*Pool Code 71599 / 71599	*Pool Name BLANCO PICTURED CLIFFS, SOUTH / BASIN DAKOTA
*Property Code 18106	*Property Name HODGES		*Well Number 9E
*OGRID No. 005073	*Operator Name CONOCO, INC.		*Elevation 6577'

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
P	28	26N	8W		1230	SOUTH	785	EAST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

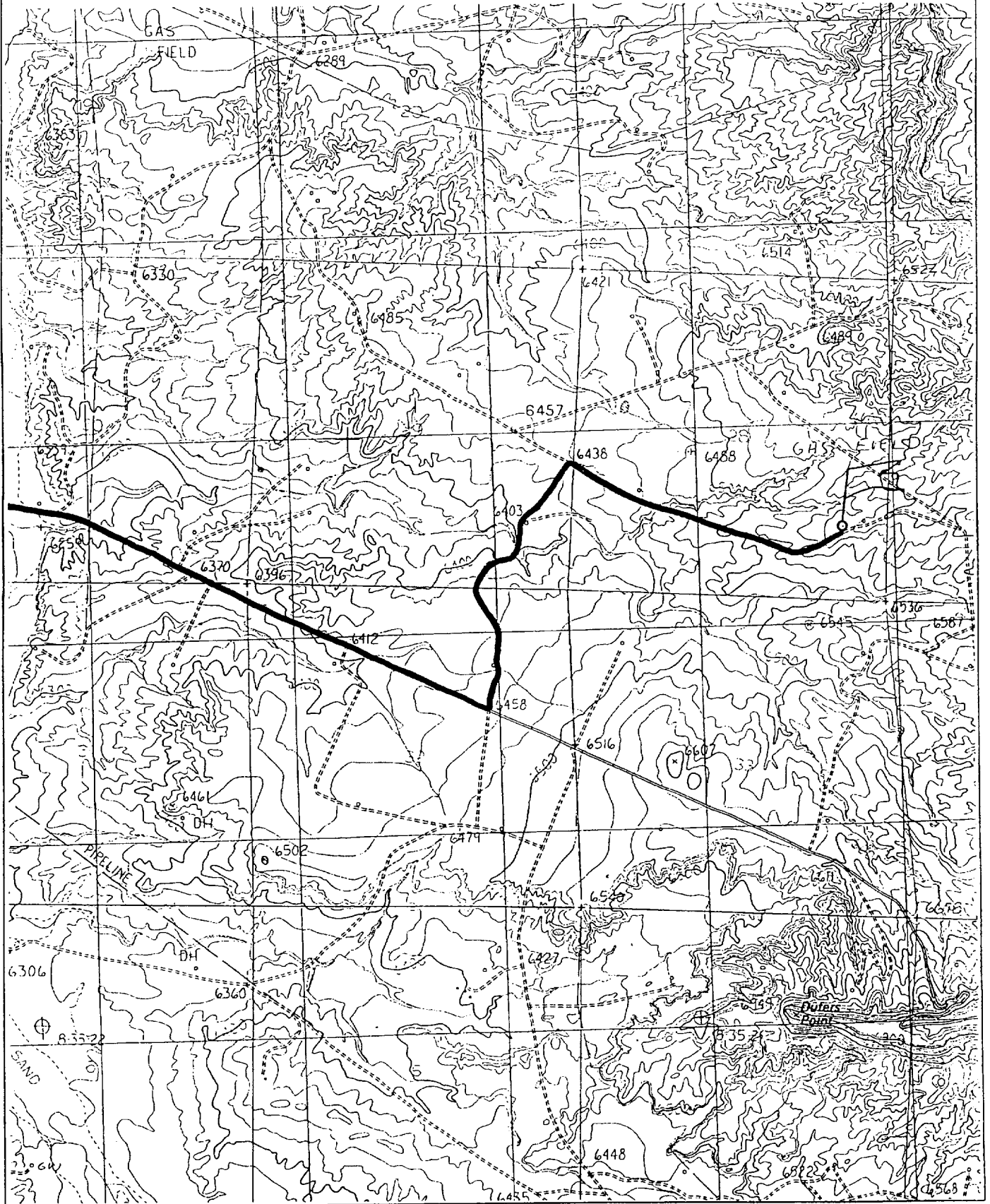
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 160.0 Acres (PC) = 320.0 Acres (DK)					¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.		

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

<div><p>¹⁶</p><p>5136.12'</p><p>5198.16'</p><p>5236.44'</p><p>5223.24'</p><p>28</p><p>SF-078432</p><p>1230'</p><p>785'</p></div>	<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>Kim Southall</i></p> <p>Signature Kim Southall</p> <p>Printed Name Property Analyst</p> <p>Title <i>Aug 21, 2001</i></p> <p>Date</p>
	<p>¹⁸ SURVEYOR CERTIFICATION</p> <p>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.</p> <p>MAY 3, 2001</p> <p>Date of Survey</p> <p>Signature and Seal of Registered Surveyor</p> <p>Certificate No. 6857</p>

CONOCO, INC. HODGES #9E

1230' FSL & 785' FEL, SECTION 28, T26N, R8W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO



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.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. SF-078432	
2. Name of Operator CONOCO INC.		6. If Indian, Allottee or Tribe Name	
3a. Address 10 DESTA DR., ROOM 608W MIDLAND, TX 79705		7. If Unit or CA/Agreement, Name and/or No.	
3b. Phone No. (include area code) Ph: 915.686.5799 Ext: 5799		8. Well Name and No. HODGES 9E	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 28 T26N R8W Mer SESE 1230FSL 785FEL		9. API Well No.	
		10. Field and Pool, or Exploratory BASIN DAKOTA	
		11. County or Parish, and State SAN JUAN COUNTY, NM	

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> APDCH
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 recompleat 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 recompleat 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.)

THIS NOTICE IS TO REVISE THE FORMATIONS TO BE COMPLETED IN THIS WELL FROM THE BLANCO PICTURED CLIFFS SOUTH/B DAKOTA ONLY.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #6462 verified by the BLM Well Information System For CONOCO INC., sent to the Farmington Committed to AFMSS for processing by Lucy Bee on 08/20/2001 ()	
Name (Printed/Typed) VICKI WESTBY	Title AUTHORIZED SIGNATURE
Signature	Date 08/16/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date 8/30/01
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 ****

NMOCD

PROJECT PROPOSAL - New Drill / Sidetrack



Well : HODGES 9E Lease : HODGES AFE # : AFE \$:
 Field Name : EAST NON 28-7 Rig : State : NM County : San Juan API # :
 Geoscientist : Glaser, Terry J Phone : (281) 293 - 6538 Prod. Engineer : Moody, Craig E. Phone : (281) 293 - 6559
 Res. Engineer : Shannon, Marc Phone : (281) 293 - 6564 Proj. Field Lead : Bergman, Pat W. Phone : (281) 293 - 6517

Primary Objective (Zones) :

Pool Pool Name
 FRR BASIN DAKOTA (PRORATED GAS)

New Drill

Surface Location :

Latitude : 36.454528 Longitude : -107.6812 X : Y : Section : 28 Survey : 26N Abstract : 8W

Footage X : 785 FEL Footage Y : 1230 FSL Elevation : 6577 (FT)

Bottom Hole Location :

Latitude : Longitude : X : Y : Section : Survey : Abstract :

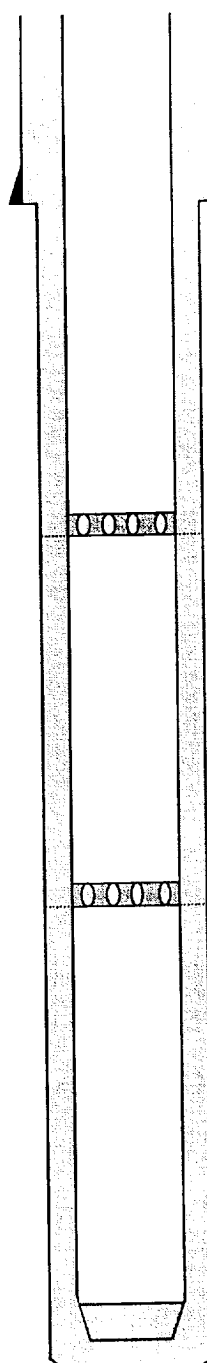
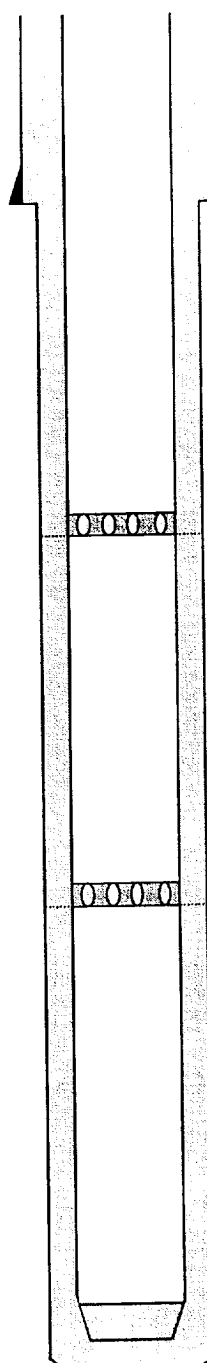
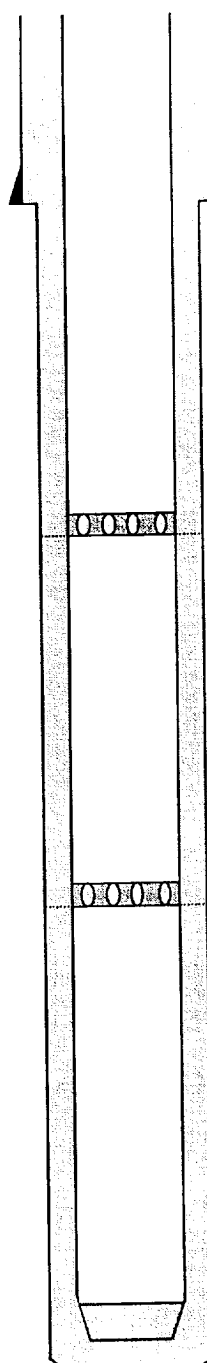
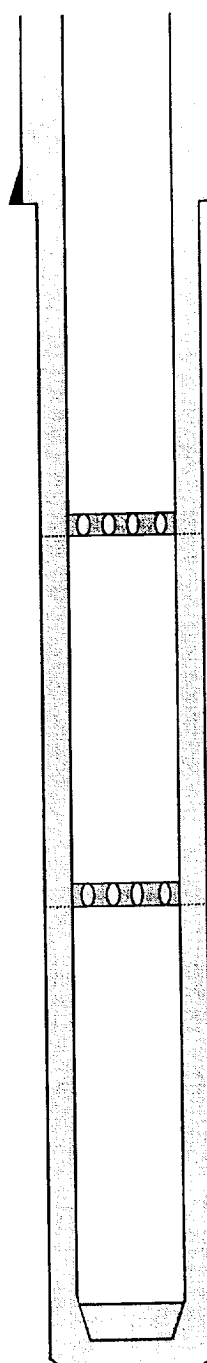
Location Type : Year Round Start Date (Est.) : Completion Date : Date In Operation :

Formation Data : Assume KB = 6590 Units = FT

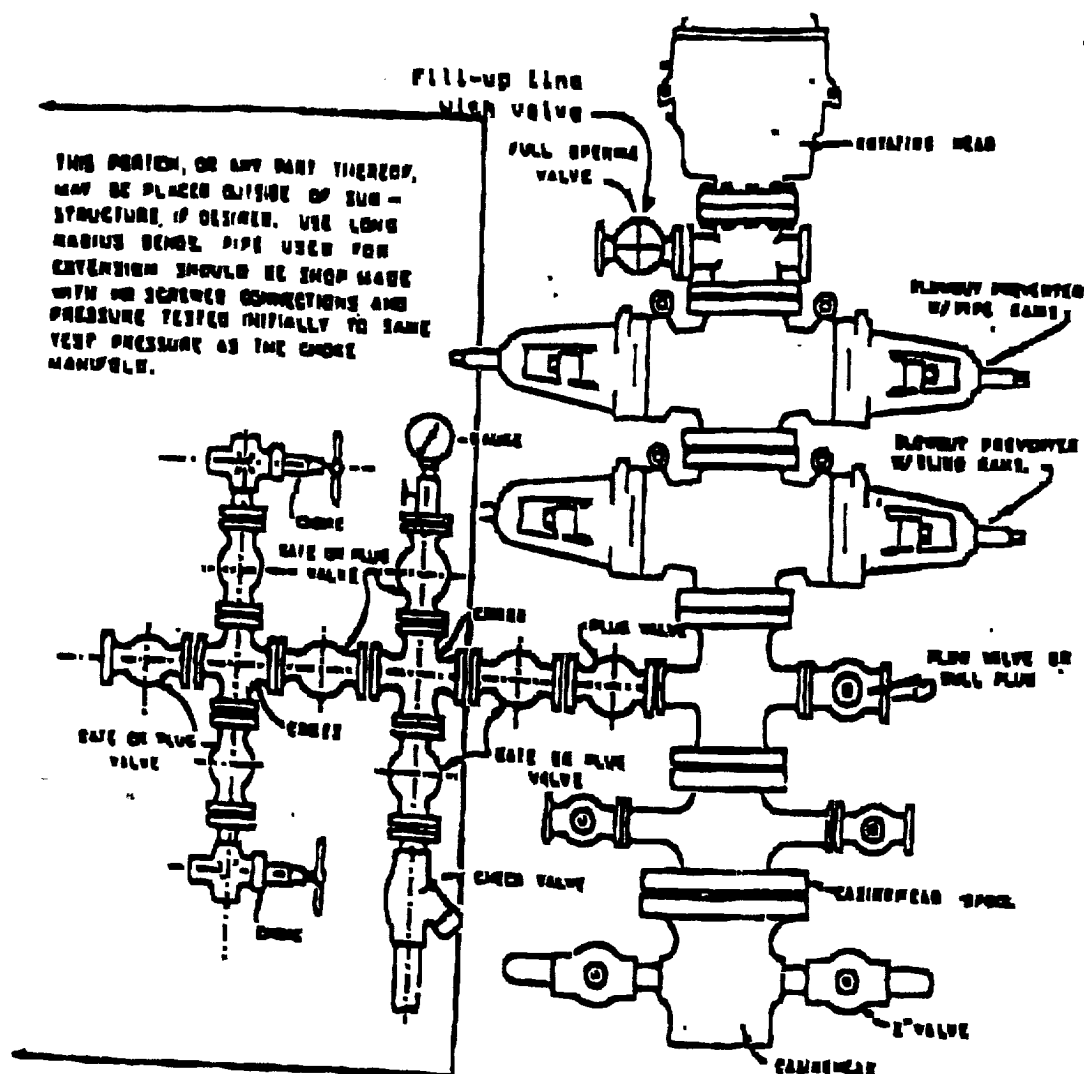
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	292	6298	<input checked="" type="checkbox"/>			Severe lost circulation is possible. 9 5/8", 36 ppf. J-55. STC casing. Circulate cement to surface.
OJAM	2257	4333	<input checked="" type="checkbox"/>			Possible water flows
KRLD	2347	4243	<input checked="" type="checkbox"/>			
FRLD	2667	3923	<input checked="" type="checkbox"/>			Possible gas
PCCF	2987	3603	<input checked="" type="checkbox"/>	1100		
CHRA	3157	3433	<input checked="" type="checkbox"/>			
CLFH	3857	2733	<input checked="" type="checkbox"/>	1300		Gas; possibly wet
MENF	3955	2635	<input checked="" type="checkbox"/>			Gas
PTLK	4585	2005	<input checked="" type="checkbox"/>			Gas
GLLP	5720	870	<input checked="" type="checkbox"/>			
GRHN	6595	-5	<input checked="" type="checkbox"/>			Gas possible, highly fractured
TWLS	6685	-95	<input checked="" type="checkbox"/>			Gas
PAGU	6755	-165	<input checked="" type="checkbox"/>			Gas
CBBO	6815	-225	<input checked="" type="checkbox"/>			Gas
Total Depth	7028	-438	<input checked="" type="checkbox"/>	3000		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 IDT with GR to surface.

Cementing Summary

Hodges 9E

		OH							
		Depth	Excess						
	9-5/8" Sfc Csg	0		Class 'A' Cement	174 sx	Slurry Volume	200.3 cu ft		
				Flocele (if req'd)	0.25 lb/sk		35.7 bbl		
				CaCl2	2.00% bwoc-db	Slurry Density	15.8 ppg		
				Defoamer (if req'd)	0.05 gal/bbl	Slurry Yield	1.15 cu ft/sk		
						Mix Fluid	5.0 gal/sk		
	9-5/8" shoe	292	100%	Blend	1135.3 sx	Slurry Volume	1930 cu ft		
				Class 'H' Cement	47 lb/sk		343.8 bbl		
				San Juan Poz	24 lb/sk	Slurry Density	12.8 ppg		
				Bentonite	3.00% bwoc	Slurry Yield	1.70 cu ft/sk		
				Halad-344	0.40% bwoc	Mix Fluid	8.26 gal/sk		
	DV Tool #2 Stage #3	3,707	75%	CFR-3	0.20% bwoc				
				HR-5	0.10% bwoc				
				Silicalite-blended	20 lb/sk				
				Flocele	0.25 lb/sk				
				Defoamer (if req'd)	0.05 gal/bbl				
				Blend	836.28 sx	Slurry Volume	1421.7 cu ft		
				Class 'H' Cement	47 lb/sk		253.2 bbl		
				San Juan Poz	24 lb/sk	Slurry Density	12.8 ppg		
				Bentonite	3.00% bwoc	Slurry Yield	1.70 cu ft/sk		
				Halad-344	0.40% bwoc	Mix Fluid	8.26 gal/sk		
	DV Tool #1 Stage #2	6,500	60%	CFR-3	0.20% bwoc				
				HR-5	0.10% bwoc				
				Silicalite-blended	20 lb/sk				
				Flocele	0.25 lb/sk				
				Defoamer (if req'd)	0.05 gal/bbl				
				Blend	185.96 sx	Slurry Volume	316.1 cu ft		
				Class 'H' Cement	47 lb/sk		56.3 bbl		
				San Juan Poz	24 lb/sk	Slurry Density	12.8 ppg		
				Bentonite	3.00% bwoc	Slurry Yield	1.70 cu ft/sk		
				Halad-344	0.40% bwoc	Mix Fluid	8.26 gal/sk		
	4-1/2" Csg St Stage #1	7,028	60%	CFR-3	0.20% bwoc				
				HR-5	0.10% bwoc				
				Silicalite-blended	20 lb/sk				
				Flocele	0.25 lb/sk				
				Defoamer (if req'd)	0.05 gal/bbl				

Note: Conoco to verify DV depths



BLOWOUT PREVENTER HOOKUP

Drilling contractors used in the San Juan Basing supply 1000 psi equipment, but cannot provide annular preventors because of sub-structure limitations. Maximum anticipated surface pressures for this well will not exceed the working pressure of the proposed BOP system. Please see the attached BOP diagram details 2000 psi equipment according to Onshore Order No. 2 even though the equipment will test to 3000 psi. The 2000 psi system allows the deletion of the annular preventor and fulfills your requirements (note diagram No. 1). In addition, the following equipment will comprise the 2000 psi system:

1. Two rams with one blind and one pipe ram.
2. Kill line (2 inch maximum).
3. One kill line valve.
4. One choke line valve.
5. Two chokes (reference diagram No. 1).
6. Upper kelly cock valve with handle.
7. Safety valve and subs to fit all drill strings in use.
8. Two-inch minimum choke line.
9. Pressure gauge on choke manifold.
10. Fill-up line above the upper most preventor.
11. Rotating head.