

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**RECEIVED**

**APPLICATION FOR PERMIT TO DRILL OR REENTER**

SEP 16 2004

Bureau of Land Management  
Farmington Field Office

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. SF-080538
1b. Type of Well: <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other: CBM <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator CONOCOPHILLIPS COMPANY		7. If Unit or CA Agreement, Name and No.
Contact: VICKI WESTBY E-Mail: Vicki.R.Westby@conocophillips.com		8. Lease Name and Well No. SAN JUAN 30-5 UNIT 263A
3a. Address 4001 PENBROOK, SUITE 346 ODESSA, TX 79762	3b. Phone No. (include area code) Ph: 915.368.1352	9. API Well No. 30-039-29 223
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NWSE 2592FSL 1222FEL At proposed prod. zone		10. Field and Pool, or Exploratory BASIN FRUITLAND COAL
14. Distance in miles and direction from nearest town or post office*		11. Sec., T., R., M., or Blk. and Survey or Area Sec 13 T30N R5W Mer NMP J
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 JUL 2005	12. County or Parish RIO ARRIBA
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth 3725 MD	13. State NM
21. Elevations (Show whether DF, KB, RT, GL, etc.) 6925 GL	22. Approximate date work will start	17. Spacing Unit dedicated to this well 217.76 E-2
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:

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

25. Signature (Electronic Submission)	Name (Printed/Typed) VICKI WESTBY	Date 09/15/2004
Title AGENT		
Approved by (Signature) <i>Wayne Townsend</i>	Name (Printed/Typed) Wayne Townsend	Date 7/26/05
Title Acting AFM	Office FFO	

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 #36106 verified by the BLM Well Information System  
For CONOCOPHILLIPS COMPANY, sent to the Farmington

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

NMOCD

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO CCA AND OTHER ATTACHED  
"GENERAL REQUIREMENTS"

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

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 June 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

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

**RECEIVED**

SEP 16 2004

Bureau of Land Management  
Farmington Field Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-29223		*Pool Code 71629	*Pool Name BASIN FRUITLAND COAL (GAS)
*Property Code 31327	*Property Name SAN JUAN 30-5 UNIT		*Well Number 263A
*OGRIID No. 217817	*Operator Name CONOCOPHILLIPS COMPANY		*Elevation 6925

10 Surface Location

UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the North/South line	Feet from the East/West line	County
J	13	30	05		2592'	SOUTH 1222'	EAST RIO ARRIBA

11 Bottom Hole Location if Different From Surface

UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the North/South line	Feet from the East/West line	County

*Dedicated Acres 217.76 2051 1/2	*Joint or Infill	*Consolidation Code	*Order No. NSP 1793
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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

<p>16</p> <p>LEASE SF-080538</p>	<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>Vicki Westby (pj)</i> Signature Vicki Westby Printed Name Sr. Analyst Title and E-mail Address 9/15/04 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>Date of Survey: 07/23/04 Signature and Seal of Professional Surveyor:  Certificate Number: 12493</p>
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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

Form C-103  
May 27, 2004

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

<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.
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 type="checkbox"/>
2. Name of Operator ConocoPhillips Company		6. State Oil & Gas Lease No.
3. Address of Operator 4001 Penbrook, Odessa, TX 79762		7. Lease Name or Unit Agreement Name San Juan 30-5 unit
4. Well Location Unit Letter <u>J</u> : <u>2592</u> feet from the <u>South</u> line and <u>1222</u> feet from the <u>East</u> line Section <u>13</u> Township <u>30 N</u> Range <u>5 W</u> NMPM County		8. Well Number 263A
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>6925</u> GL		9. OGRID Number 217817
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>		10. Pool name or Wildcat Basin Fruitland Coal
Pit type <u>Drill</u> Depth to Groundwater <u>&gt;100'</u> Distance from nearest fresh water well <u>&gt;1000'</u> Distance from nearest surface water <u>200-1000'</u>		
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____		

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: Drill Pit Notification <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

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.

ConocoPhillips Company's Generic Pit Plan is on file at NMOCD in Aztec, NM. See the attached diagram that details the location of the pit in reference to the proposed wellhead. The drill pit will be lined. The drill pit will be closed after the well has been completed. The solids left after the water has been disposed of will be sampled and NMOCD approval will be obtained prior to closure of this pit.

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 ☐.

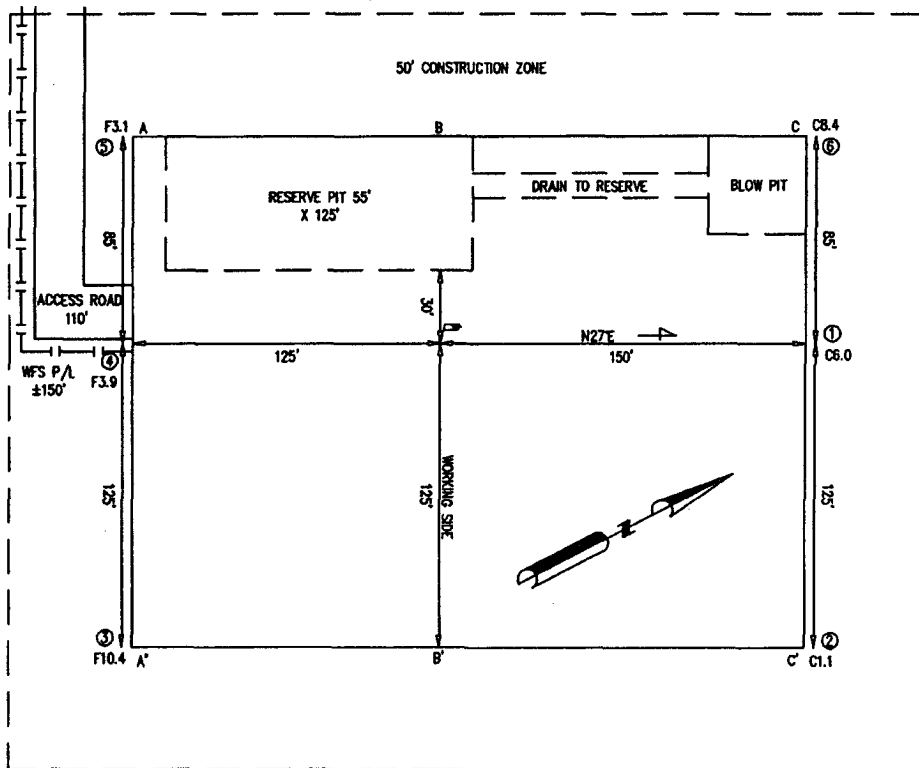
SIGNATURE Vicki Westby (pj) TITLE SR Analyst DATE 9/15/04

Type or print name Vicki Westby E-mail address: Vicki.R.Westby@ConocoPhillips.com Telephone No. 432-368-1352  
For State Use Only

APPROVED BY: [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 40 DATE JUL 28 2005  
Conditions of Approval (if any):

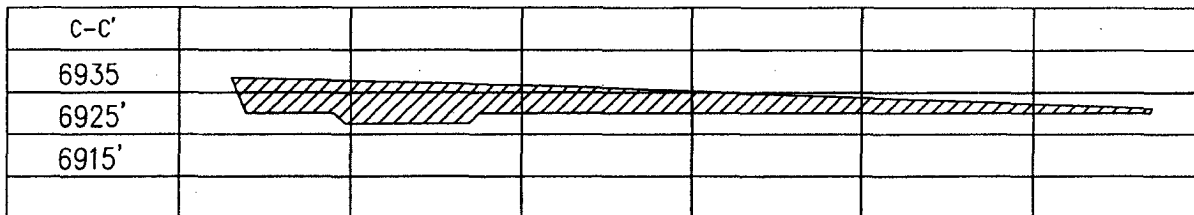
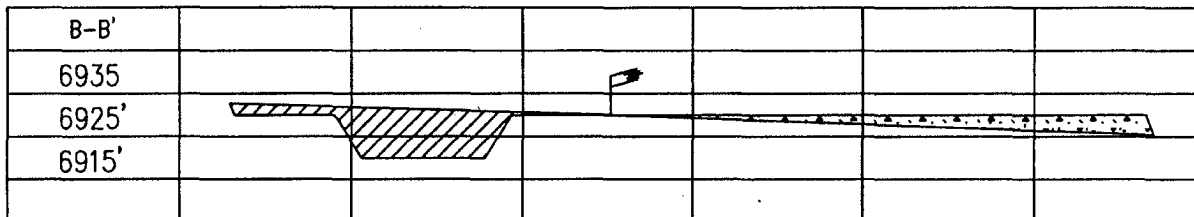
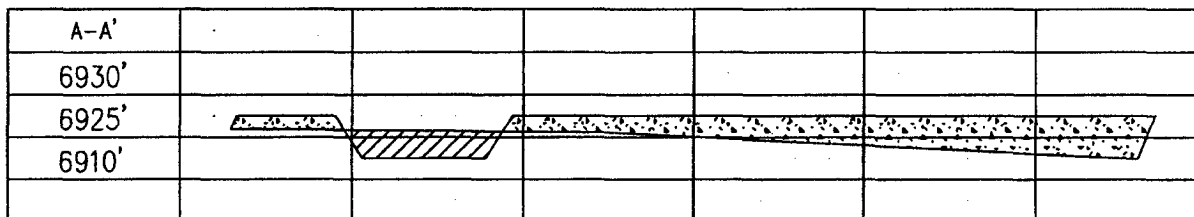
CONOCOPHILLIPS COMPANY SAN JUAN 30-5 UNIT #263A  
 2592' FSL & 1222' FES, SECTION 13, T30N, R05W, NMPM  
 RIO ARriba COUNTY, NEW MEXICO ELEVATION: 6925'

LATITUDE: 36.81239° N  
 LONGITUDE: 107.30664° W  
 DATUM: NGS84



PLAT NOTE:

\*SURFACE OWNER\*  
 BLM/FOREST SERVICE



## PROJECT PROPOSAL - New Drill / Sidetrack

**SAN JUAN 30-5 263A**

Lease:		AFE #:		AFE \$:	
Field Name: hPHILLIPS 30-5		Rig:		State: NM	County: RIO ARRIBA
Geoscientist: Cloud, Tom A		Phone: +1 832 486-2377		Prod. Engineer: Bergman, Pat W. Phone: (832) 486-2358	
Res. Engineer: Kolesar, James E.		Phone: (832) 486 - 2336		Proj. Field Lead: Phone:	
<b>Primary Objective (Zones):</b>					
Zone	Zone Name				
JCV	BASIN FRUITLAND COAL (GAS)				
<b>Location: Surface</b>					
Latitude: 36.81	Longitude: -107.31	X:	Y:	Section: 13	Range: 5W
Footage X: 1222 FEL	Footage Y: 2592 FSL	Elevation: 6925 (FT)	Township: 30N		
Tolerance:					
Location Type:		Start Date (Est.):		Completion Date:	
				Date In Operation:	
Formation Data: Assume KB = 6938 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
SAN JOSE	13	6925	<input type="checkbox"/>		
Surface Casing	213	6725	<input type="checkbox"/>		12-1/4 hole. 9 5/8" 32.3 ppf, H-40, STC casing. Circulate cement to surface.
NCMT	1888	5050	<input type="checkbox"/>		
OJAM	3088	3850	<input type="checkbox"/>		Possible water flows.
KRLD	3208	3730	<input type="checkbox"/>		
FRLD	3468	3470	<input type="checkbox"/>		Possible gas.
Intermediate Casing	3518	3420	<input type="checkbox"/>		8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Circulate cement to surface.
BASE MAIN COAL	3638	3300	<input type="checkbox"/>	500	
PCCF	3678	3260	<input type="checkbox"/>		
Total Depth	3725	3213	<input type="checkbox"/>		6-1/4" hole possibly underreamed to 9.5". Optional Liner: 5.5", 15.5#, J-55 LTC - left uncemented.
<b>Reference Wells:</b>					
Reference Type	Well Name		Comments		
<b>Logging Program:</b>					
Intermediate Logs:	<input type="checkbox"/> Log only if show <input type="checkbox"/> GR/ILD <input type="checkbox"/> Triple Combo				
TD Logs:	<input type="checkbox"/> Triple Combo <input type="checkbox"/> Dipmeter <input type="checkbox"/> RFT <input type="checkbox"/> Sonic <input type="checkbox"/> VSP <input type="checkbox"/> TDT				
Additional Information:					

Comments: Zones - Not a full 320 acres in the east half, only 217.76 acres

General/Work Description - Carson Nat. Forest  
Bad topography in qtr section. Location is on road north of #104E  
Don't twin #104E (2000 completion)

Mud Log from intermediate casing shoe to TD will be obtained.

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

Printed on: 9/15/2004 8:39:08 AM

**TD includes 80 feet sump/rathole & COPC will comply with the BLM's Conditions of Approval for the proposed sump/rathole in this non-producing Pictured Cliffs formation.**

San Juan 30-5 #263A		
9 5/8" Surface Casing		
Cement Slurry	Class G	
	+ 2% S001 Calcium Chloride	
	+ 0.25 lb/sx D029 Cellophane Flakes	
Cement Volume	147	sx
Cement Yield	1.16	cuft/sx
Cement Volume	170.59	cuft
Cement Density	15.8	ppg
Water Required	4.983	gal/sx
Compressive Strength		
12 hr	1174	psi
36 hr	2763	psi

San Juan 30-5 #263A

7" Intermediate Casing		
Lead Slurry		
Cement Slurry	Class G	
	+ 3% D079 Extender	
	+ 0.25 lb/sx D029 Cellophane Flakes	
	+ 0.2% D046 Antifoam	
Cement Volume	463	sx
Cement Yield	2.61	cuft/sx
Cement Volume	1207.97	cuft
Cement Density	11.7	ppg
Water Required	15.876	gal/sx
Compressive Strength		
2 hr 37 min	50	psi
39 hr 40 min	500	psi

7" Intermediate Casing		
Tail Slurry		
Cement Slurry	50% POZ / 50% Class G cement	
	+ 2% D020 Bentonite	
	+ 2% S001 Calcium Chloride	
	+ 0.25 lb/sx D029 Cellophane Flakes	
	+ 5 lb/sx Gilsonite Extender	
	+ 0.2% D046 Antifoam	
Cement Volume	100	sx
Cement Yield	1.27	cuft/sx
Cement Volume	126.80	cuft
Cement Density	13.5	ppg
Water Required	5.182	gal/sx
Compressive Strength		
24 hr	908	psi
48 hr	1950	psi

**San Juan 30-5 # 263A**

**SURFACE CASING :**

Drill Bit Diameter	12.25"	
Casing Outside Diameter	9.625"	Casing Inside Diam. 9.031"
Casing Weight	32.3	ppf
Casing Grade	H-40	
Shoe Depth	230'	
Cement Yield	12	cuft/sk
Excess Cement	125	%
Cement Required	147	sx

SHOE 230 ', 9.625 ", 32.3 ppf, H-40 STC

**INTERMEDIATE CASING :**

Drill Bit Diameter	8.75"	
Casing Outside Diameter	7"	Casing Inside Diam. 6.438"
Casing Weight	20	ppf
Casing Grade	J-55	
Shoe Depth	3518'	
Lead Cement Yield	2.97	cuft/sk
Lead Cement Excess	160	%
Tail Cement Length	315'	
Tail Cement Yield	1.34	cuft/sk
Tail Cement Excess	160	%
Lead Cement Required	413	sx
Tail Cement Required	100	sx

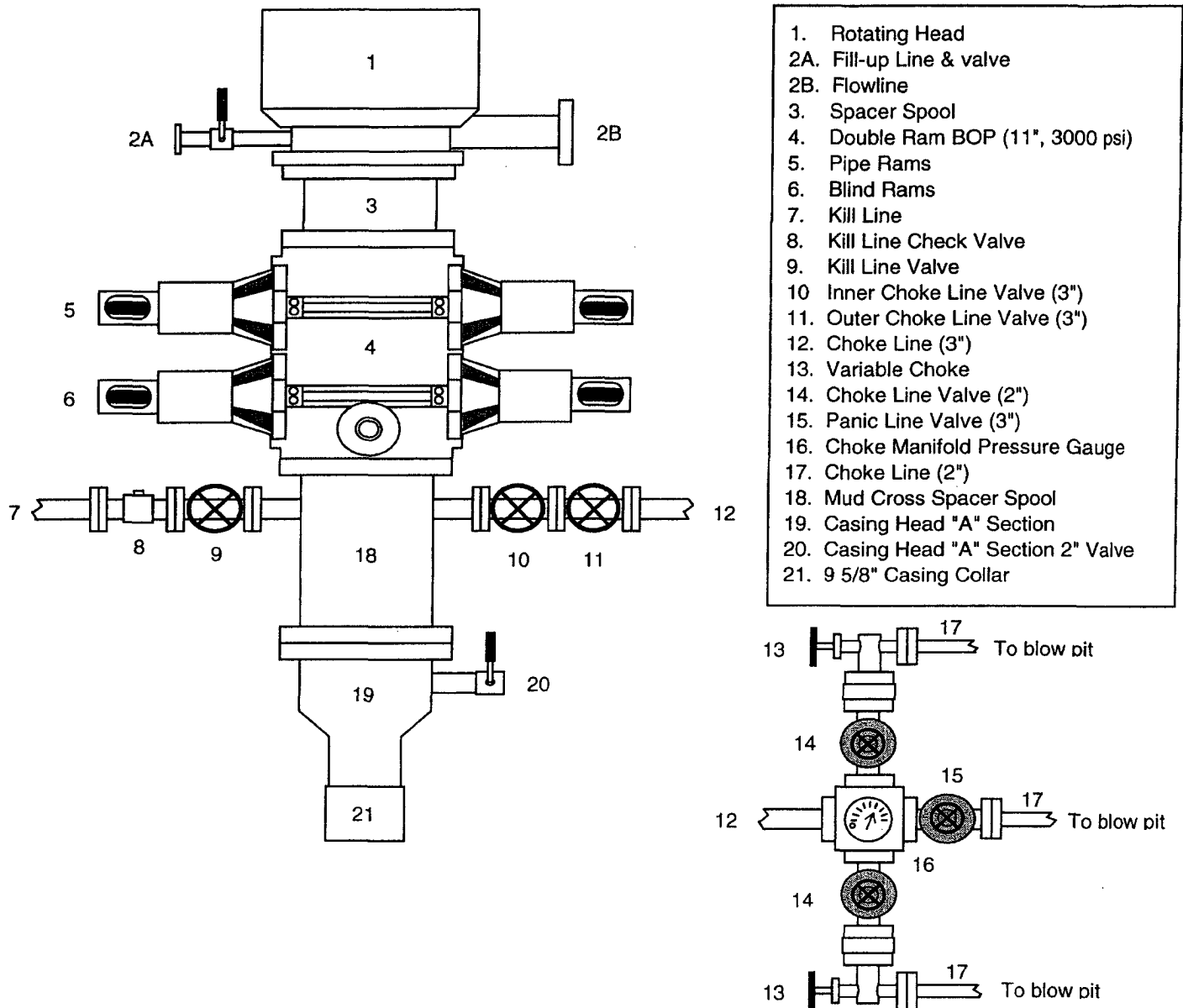
LINER TOP 3498 '

SHOE 3518 ', 7 ", 20 ppf, J-55

LINER BOTTOM 3725' (Uncemented)

# BLOWOUT PREVENTER ARRANGEMENT & PROGRAM

For Drilling to Intermediate Casing Point & Setting 7" Intermediate Casing



A 12-1/4" hole will be drilled to approximately 220' and the 9-5/8" surface casing will be run and cemented. The Casing Head "A" Section will be screwed onto the 9-5/8" surface casing stub. The BOP will be installed on the Casing Head "A" Section. A test plug will be set in the wellhead and the pipe rams and choke manifold will be tested to 200 psi to 300 psi (low pressure test) for 10 minutes and to 1000 psi (high pressure test) for 10 minutes. Then the test plug will be removed, and the **9-5/8" casing will be pressure tested** against closed blind rams to 200 psi to 300 psi for 10 minutes and to **1000 psi for 30 minutes** (this value is one 44% of the minimum internal yield pressure of the 9-5/8" casing). (Note: per regulatory requirements we will wait on cement at least 8 hrs after placement before testing the 9-5/8" surface casing). Then an 8-3/4" hole will be drilled to intermediate casing point and 7" intermediate casing will be run and cemented.

In addition to the equipment in the above diagram the following equipment will comprise the BOP system:

1. Upper Kelly cock Valve with handle
2. Stab-in TIW valve for all drillstrings in use