			N. M. Oil Cons.		n	1.	
Form 3160-3	21		811 S. 1ST P ARTESRYMIT	BLICATE	DOD1	p15.	
July 1992)	HNF	TED STATES	FORM APPROVED UV / OMB NO. 1004-0136				
		TED STATES T OF THE IN		\$10e)	Expires: Febru		
		LAND MANAGE	MENT	_	5. LEASE DEBIGNATION	AND SERIAL NO.	
			AGWE	m	NM-29234 6. IF INDIAN, ALLOTTE	B OP TRIPP NAME	
	CATION FOR P	ERMIT TO DI	BILLEOD DEEPEN	B			
. TYPE OF WORK			MAR 07 1997		7. UNIT AGREEMENT N	(AMB	
. TYPE OF WELL		17624					
WELL LA W	ELL OTHER		SINGLE MULTI		S. FARM OR LEASE NAME, WE	ELL NO.	
NAME OF OPERATOR	mlemetien Com		Lotos "11" Federal # 2				
ADDRESS AND TELEPHONE NO.	xploration Comp	any /09	MIST &		20 Koule	- 79441	
110 W.	Louisiana, Su.	ŀ	10. FIELD AND POOL, OR WILDCAT DOAL CO				
LOCATION OF WELL (R		With the state of					
1980	'FNL & 660'F	WL of Sectio	n 11	-	11. BBC., T., R., M., OR I AND BURVET OR AN	BLE. 13367	
At proposed prod. son		· r			Sec. 11, T-24S, R31E		
DISTANCE IN MILES	AND DIBECTION FROM NEA		Sec. 11, T-2				
20 m		Eddy Co. N.M.					
DISTANCE FROM PROPU- LOCATION TO NEAREST	81D*		6. NO. OF ACRES IN LEASE		ACRES ABSIGNED	1	
PROPERTY OR LEASE L (Also to nearest dr)	INE, FT.	660'	1280	TOTH	HIS WELL		
DISTANCE FROM PROP TO NEAREST WELL, D	OBED LOCATION*		9. PROPOSED DEPTH	20. ROTAR	ABY OR CABLE TOOLS		
OR APPLIED FOR, ON THE	S LEASE, FT.	1320'	12,500'		Rotary		
ELEVATIONS (Show whe	· · · ·	S	SECRETARY'S POTASH		22. APPROX. DATE WO		
3506	Ground Level				I IST qua	rter -1997	
			AND CEMENTING PROGRA		<u></u>		
SIZE OF ROLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT			QUANTITY OF CEMEN		
14_3/4" 11"	<u> 11 3/4'' </u>	<u>42# WC-60</u> 24# J-55	<u>0 670' 115</u> 4,300'		fficient to circulate		
7 7/8"	5 1/2"	17# N-80,			400sx		
				NTRAL		ACIN	
			oth sufficient to outlined in the				
oprings tor	on. opcome	programs are	outlined in the	10110011		•	
DRILLING PR	OGRAM				N2	•	
	AND OPERATING	PLAN					
EXHIBIT A -	ROAD MAP EXISTING WELL					• - • •	
EXHIBIT C -							
EXHIBIT C-1		APPROVAL SUBJECT TO					
EXHIBIT D -	DRILLING AND R	IG LAYOUT	GENERAL REQUI				
EXHIBIT E -	BOP EQUIPMENT		AND Porte	\$ ID-1			
			SPECIAL STIPULA	AIIONS	NLO	API	
			ATTACHED		2 - 1	4-97	
ABOVE SPACE DESCRIBE	PROPOSED PROGRAM: If	proposal is to deepen, give	data on present productive zone	and proposed n	ew productive zone. If pr		
en directionally, give pertir	ent data on subsurface location	is and measured and true v	ertical depths. Give blowout preve	enter program, if	any.		
11 Ma	0		Drilling Superintend	lent	1 /00	107	
BIGNED K. LIG	- Carto	TITLE.	Sr. Drig. and Pr	od. Engr	- DATE 1/23	/97	
(This space for Feder	al or State office use)						
PERMIT NO			APPROVAL DATE				
	nt suprempt or martiful that the arm	licent holds least or envited	ble title to those rights in the subject	lease which wou	ld entitle the applicant to con	iduct operations thereon.	
Application approval does to CONDITIONS OF APPROVAL		arean norm ickai or oquila	are and to anote lights in as subject			•	
			<u> </u>				
.41.	S. A. I.	1 #	The Dime Di	rest1		. ý 1	
APPROVED BY- 4 4	C	/ mre <u>//_</u>	<u> </u>		DATE	<u></u>	

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the transformed for the formation of the matter within its periodiction.

DISTRICT I P.O. Box 1960, Hobbs, NM 86241-1980

DISTRICT II P.O. Drawer DD, Artenia, NM 88211-0719

DISTRICT III 1000 Rio Brazos Rd., Astec, NM 87410

DISTRICT IV P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102 Revised February 10, 1994 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

□ AMENDED REPORT

API Number Pool Code Pool Name 30-015-29441 Wildcat (Delaware/Bone Springs) **Property** Code Property Name Well Number LOTOS "11" FEDERAL 2 OGRID No. **Operator** Name Elevation 109487 SONAT EXPLORATION COMPANY 3506 Surface Location UL or lot No. Section Township Lot Idn Feet from the Range North/South line | Feet from the East/West line County 24 S Ε 11 31 E 1980 NORTH 660 WEST EDDY 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 Dedicated Acres Joint or Infill Consolidation Code Order No. 80 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 OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. K. Glem Carto Signature K. Glenn Carter Printed Name Drlg Supt. Sr. Drlg. & Frod. Eng. 3504.3 3506.5' Title -660'----1/23/97 3506.0 3509.3 Date 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 supervison, and that the same is true and correct to the best of my belief.

	JANUARY	16,	1997	
4	Surveyed	<u> </u>		JLP
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	To	NALD J	EIDSON,	3239
	PROFESS	BY S	EIDSON,	12641

Exhibit E Page 1 of Z



West SERIE TEXAS BUSINESS UNIT

Minimum Requirements for a 3,000 psi BOP Stack Manifold & Closing System



- A. Annular BOP Must be 3000 psl Working Pressure.
- B. Blind Rams Between Annular & Pipe Rams w/ 3000 psi Working Pressure.
- C. Pipe Rams Below Blind Rams w/ 3000 psi Working Pressure.
- Note: All Rams & Spools Must Meet Required I.D. for Hole Size. D. Drilling Spool w/ 2 Outlets for Choke Line & Kill Line
- E. Kill Line 2" 3 M w/ 2 Manual Valves Bolted & Flanged Below Bottom Pipe Rams. Either a Drilling Spool or the Outlet on the BOP Stack can be Used to Accommodate Kill Line and Choke Line.
- F. Choke Line w/3" 3 M Valves. Inside Valve can be Manual but the Outside Valve Must be Hydraulic (HCR). Choke Line Must be 3" 3 M.
- G. Closing Unit (Koomey) w/ a Primary & Secondary Pressure Supply to Operate the BOP Stack. Also a N₂ Supply will be Provided as a Final Source of Operation to Close the BOP Stack. This Unit is Required to Contain a minimum of 1 1/2 Times the Needed Volume to Operate the BOP Stack at All Times. The Precharge of N₂ will be Checked Prior to Commencing Work for SONAT.

Page 1 of 2



- A. Header for Gas Expansion 6" O.D. Tube.
- B. 2" 3 M Manual Valves on Down Stream Side of Choke.
- C. 2" 3 M Manual Adjustable e Positive Choke.
- D. 2" 3 M Manual Valve
- E. 2" 3 M Adjustable w/ Remote Station
- F. 3 M Tee w/ Guage in Top Side 3 Choke Line

Note: All Pipe Will be Flanged & Welded. No Screwed Connections.

Page 2 of 2

G. 3" 3m Manual Valve

Exhibit F

Page 1 of 2



Note: All Rams & Spools Must Meet Required I.D. for Hole Size. D. Drilling Spool w/2 Outlets for Choke Line & Kill Line

- E. Kill Line 2" 5M w/ 2 Manual Valves Bolted & Flanged Below Bottom Pipe Rams .Either A Drilling Spool or the Outlet on the BOP Stack can be Used to Accommodate Kill Line and Choke Line.
- F. Choke Line w/ 3" 5 M Valves. Inside Valve can be Manual but the Outside Valve Must be Hydraulic (HCR). Choke Line Must be 3" 5 M.
- G. Closing Unit (Koomey) w/ a Primary & Secondary Pressure Supply to Operate the BOP Stack. Also a N₂ Supply will be Provided as a Final Source of Operation to Close the BOP Stack. This Unit is Required to Contain a Minimum of 1 1/2 Times the Needed Volume to Operate the BOP Stack at All Times. The Precharge of N₂ will be Checked Prior to Contractor Commencing Work for SONAT.

Page 1 of 2



Exhibit F

Note: All Pipe Will be Flanged & Welded. No Screwed Connections.

Page 2 of 2

H. two 3"5M manual valves