District I PO Box 1980, Hobbs, NM 88241-1980 District [] PO Drawer DD, Artesia, NM 88211-0719

District [II]

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088

Revised February 10, 1994 Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies

1000 Rio Brazos I District IV	Rd., Azec,	NM \$7410		Sant	a Fe, NM 8	37504-2088	\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \		Fee	Lease - 5 Copie	
PO Box 2048. See	nta Pe, NM	87504-2068	•				NY.	, /	AMEN	DED REPORT	
APPLICA	TION	FOR PE	RMIT	TO DRI	LL, RE-EN	TER DEE	EN, PLUCE	CK,	OR AI	DD A ZONE	
				Operator Na	ame and Address.	403	1257			RID Number	
		loratio			ınd	•	W /	ĺ	109	487	
		uisiana		e 500	•			Ī	٠,٨	UT Number	
Mld.	land,	Tx 797	01				•		30 - 0]	5-30077	
¹ Prope	erty Code				11	Property Name				· Well No.	
179	914	T	odd "2	' State	2					11	
					⁷ Surface	Location					
UL er lot ze.	Section	Township	Range	Lot Ida	Feet from the	North/South Lac	Feet from the	East/W	est Loc	County	
K	2	245	31E		1980	south	2310	west	<u> </u>	Eddy	
		8 P1	oposed	Bottom	Hole Local	tion If Differ	ent From Sur			<u> </u>	
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South Lac		East/W	est line	County	
						1					
		•	ed Pool I				" Propo	ed Pool 2			
Ingle We	ells; I	Delawar	e 337	+5						•	
			 -								
Work T	ype Code	l	12 Well Type Code		13 Cable	e/Rotary	" Lease Type Co	rde T	18 Ground Level Elevation		
<u> </u>			0		R	l	S		3483		
" Mu	lti pie		17 Proposed Depth		11 Formation		16 Contractor		M Spud Date		
N			8.700'		Delaware		n/a lst		lst (Qtr 1998	
			21	Propose	ed Casing a	nd Cement P	rogram				
Hole St	*		ng Size			Setting Depti	Sects o	Sects of Cement		Estimated TOC	
14-3/4"		11-3/4		42# WC-40		670'	Suff to	Suff to circ		surface	
11"		8-5/8		24#			Suff to	Suff to circ		urface	
7-7/8"		5-1/2		17# J55		8,700	2100 s	2100 sx		500 '	
											
Describe the p	reposed pr	ogram, if th	is applicatio	a is to DEE!	PEN or PLUG BA	CK almostha data an	the present producti				
zone. Describe	he blowen	prevention	program, if	May. Use ad	ditional sheets if s	eccesary.	the present producti	11213	d proposed 7:3	sew productive	
This pro	.	11 #	D-1			/ - 0 1	(60 TO				
This pro	posea	well is	s a Dei	aware	test.	1D-1 20-98		200			
B. O. P. sketch is attached.					20-98		CB 1990	0			
· · · · · ·					AD.	It Loc	23	SECEINE	ESIA		
					<i>[71</i>]	APIX LOC FEB 1940 RECEIVED OCD. ARTESIA					
							150 0	00			
					•		186	Charles van de	Court.		
I hereby certify of my knowledge	that the inf	ormation give	a sbove is tr	ue and comp	lete to the best	OII (CONSERVAT	י עסד	MINICI	ON	
Signature:						OIL CONSERVATION DIVISION					
Printed name:						Cale wal sighed by him w. Gun					
Laura Clepper					Ti	Tide: DISTRICT II SUPERVISOR					
Engin	Tide: Engineering Technician					Approval Date: FER 1 & 1998 Expiration Date: 2-18-99					
Date:			Phone:			onditions of Approva			<u>a</u>	10//	
2/6/98		915/	684-040	00	Attached 🗆						

DISTRICT I P.O. Box 1960, Hobbs, NM 68241-1960

State of New Mexico

Energy, Minerals and Natural Resources Department

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

DISTRICT II

DISTRICT III

P.O. Drawer DD, Artesia, NM 85211-0719

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

DISTRICT IV P.O. Box 2068, Santa Fe, NM 87504-2088

1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name		
	33745	Ingle Wells; Delaware		
Property Code	Proj	Property Name		
17914	TODD '	11		
OGRID No.	Oper	Elevation		
109487	SONAT EXPLO	3483		

Surface Location

	UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
-	K	2	24 S	31 E		1980	SOUTH	2310	WEST	EDDY

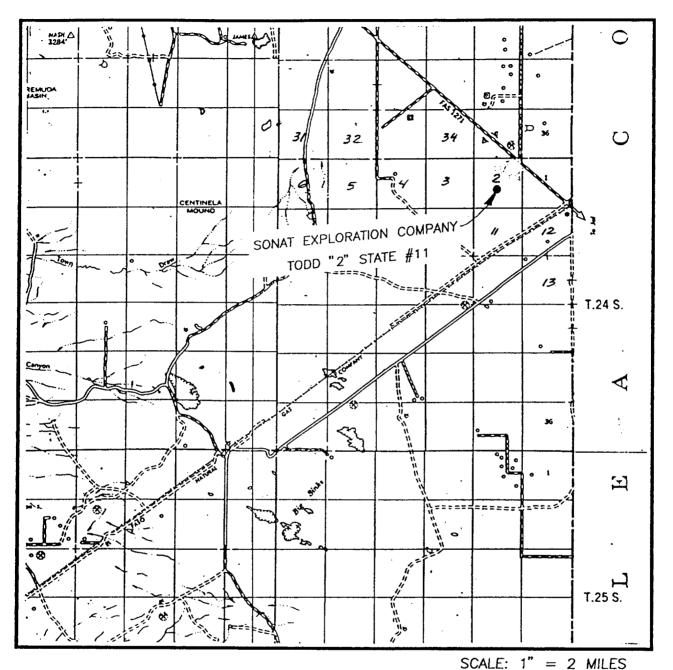
Bottom Hole Location If Different From Surface

	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 o	r Infill Co	nsolidation C	ode Ore	der No.				
	40									

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED

	OR A NON-STAN	DARD UNIT HAS BE	EN APPROVED BY TH	IE DIVISION
	 		1 	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
LOT 4 39.99 AC.	, LOT 3 39.98 AC. 	LOT 2 39.96 AC.	 LOT 1 39.95 AC — — — — — —	Signature Clepper
			 	Laura Clepper Printed Name Engineering Technician Title
				2/6/98 Date SURVEYOR CERTIFICATION
2310'	 	·		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 carrect to the best of my belief.
		· 	 	JANUARY 30, 1998 Date Succession JLP Signature Spair O
	86		 	MAN 3339 DIAME 2-04-98 SW.O. Num 98-10-0151
				Certificate No. Round of Eidson, 3239

VICINITY MAP

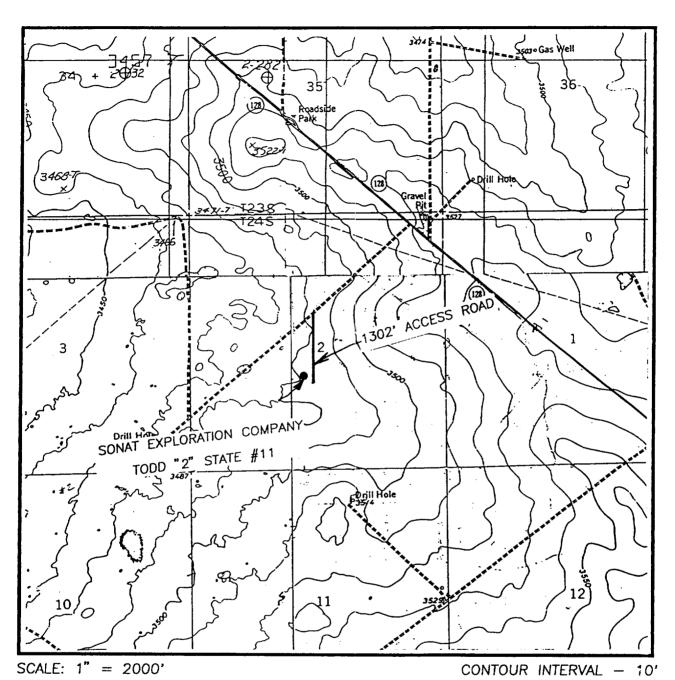


SEC	24-5 RGE. 31-E
SURVEY	N.M.P.M.
COUNTY	EDDY
DESCRIPTION 198	0' FSL & 2310' FWL
ELEVATION	3483'
OPERATOR SONAT	EXPLORATION COMPANY
LEASE	TODD "2" STATE

JOHN WEST ENGINEERING HOBBS, NEW MEXICO (505) 393-3117



LOCATION VERIFICATION MAP



SEC	2_TWP. <u>24-S_RGE. 31-E</u>
SURVEY_	N.M.P.M.
COUNTY_	EDDY

DESCRIPTION 1980' FSL & 2310' FWL

ELEVATION 3483'

OPERATOR SONAT EXPLORATION COMPANY

LEASE______TODD "2" STATE

U.S.G.S. TOPOGRAPHIC MAP

PADUCA BREAKS NW, HAT MESA, NASH DRAW, BIG SINKS, N.M.

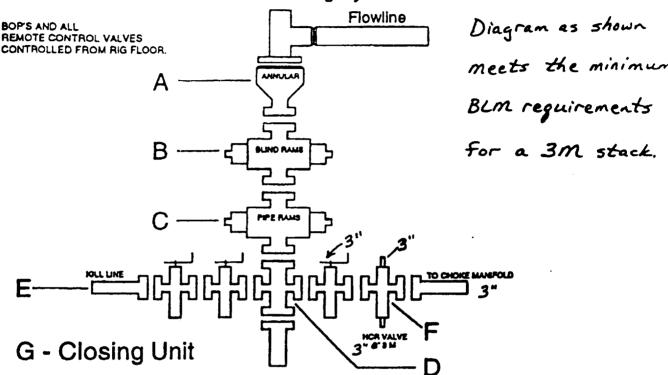
JOHN WEST ENGINEERING HOBBS, NEW MEXICO (505) 393-3117



SCNAT EXPLORATION

West Seems TEXAS BUSINESS UNIT

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



- A. Annular BOP Must be 3000 psi 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.

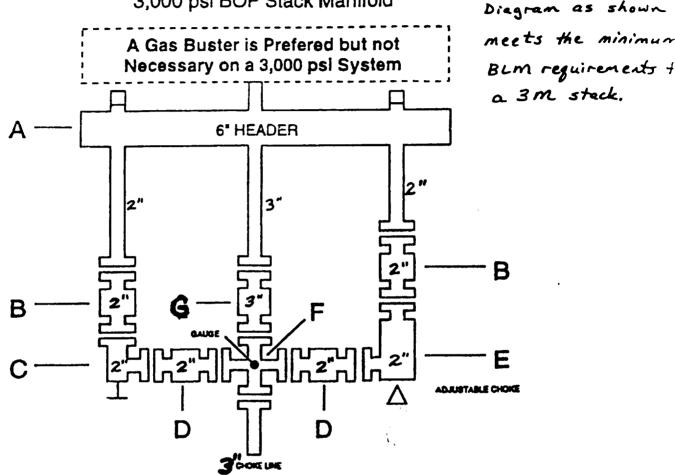
 Note: All Rams & Spools Must Meet Required I.D. for Hole Size.
- D. Drilling Spool w/ 2 Outlets for Choke Line & Kill Line
- E. Kill Line 2" 3 M w/ 2 Manual Valves Bolted & Flanged Below Bottom Pipe Rams. Either a Drilling Spool or the Outlet on the BOP Stack can be Used to Accommodate Kill Line and 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

SCHAT EXPLORATION

West TEXAS BUSINESS UNIT

Minimum Requirements for a 3,000 psi BOP Stack Manifold



A. Header for Gas Expansion 6° O.D. Tube.

B. 2" 3 M Manual Valves on Down Stream Side of Choke.

C. 2º 3 M Manual Adjustable or 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