

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, 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-101
May 27, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address BLUE DOLPHIN PRODUCTION, LLC 609 S. KELLY, SUITE F1 EDMOND, OK 73003 405-285-5388		OGRID Number 226829 API Number 30-039-29582
Property Code 34245	Property Name EL POSO	Well No. #6
Proposed Pool 1 WILDCAT-GREENHORN		Proposed Pool 2

7 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	22	28N	1E		660'	SOUTH	970'	EAST	RIO ARriba

8 Proposed 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

Additional Well Information

Work Type Code N	Well Type Code O	Cable/Rotary R	Lease Type Code P	Ground Level Elevation 7128'
Multiple N	Proposed Depth 1950'	Formation GREENHORN	Contractor CHIHUAHUA DRLG. SERVICE	Spud Date 7-20-05
Depth to Groundwater >100'		Distance from nearest fresh water well >1000'		Distance from nearest surface water >1000'
Pit: Liner: Synthetic XX 20 mils thick Clay <input type="checkbox"/>		Pit Volume: 160 bbls		Drilling Method: ROTARY RIG
Closed-Loop System <input type="checkbox"/>		Fresh Water X Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>		

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
10-3/4"	8-5/8"	32.0	165'	110	SURE
7-7/8"	5-1/2"	15.5	1950'	320	SURE

- 22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.
- 23 SURFACE HOLE TO BE DRILLED w/ FRESH WATER. SURF CSG CMT BASED ON 100% EXCESS OVER GAUGE HOLE. CMT 1.18 CU.FT./SX.
- 24 INSTALL RENGEM 2000# 1000# TEST ANNULAR BOP.
- 25 7-7/8" HOLE TO BE DRILLED w/ FRESH WATER MUD & GEL TO BE MIXED TO MAINTAIN 9.1 PPG & 70 VIS.
- 26 OPEN HOLE LOGS WILL BE RUN TO EVALUATE WELL. IES-GR-SP-CAL-COMP DENSITY-COMP NEUTRON
- 27 LONG STRING CMT VOL BASED ON 1250' LEAD SLURRY YIELD 2.24 CU.FT./SX AND 700' TAIL SLURRY YIELD 1.18 CU.FT./SX.
- 28 FINAL CMT VOLUME TO BE CALCULATED USING 30% EXCESS OVER CALIPER.
- 29
- 30

Bradley W. Salzman

23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: BRADLEY W. SALZMAN

Title: CONSULTANT

E-mail Address: brads@titusconsulting.net

Date: 7-05-05

Phone: 505-486-1701

OIL CONSERVATION DIVISION

Approved by:

Title: DEPUTY OIL & GAS INSPECTOR, DIST. #6

Approval Date: JUL - 6 2005

Expiration Date: JUL - 6 2006

Conditions of Approval Attached ☐

State of New Mexico
Energy, Minerals & Mining Resources Department
OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C - 102

☐ AMENDED REPORT

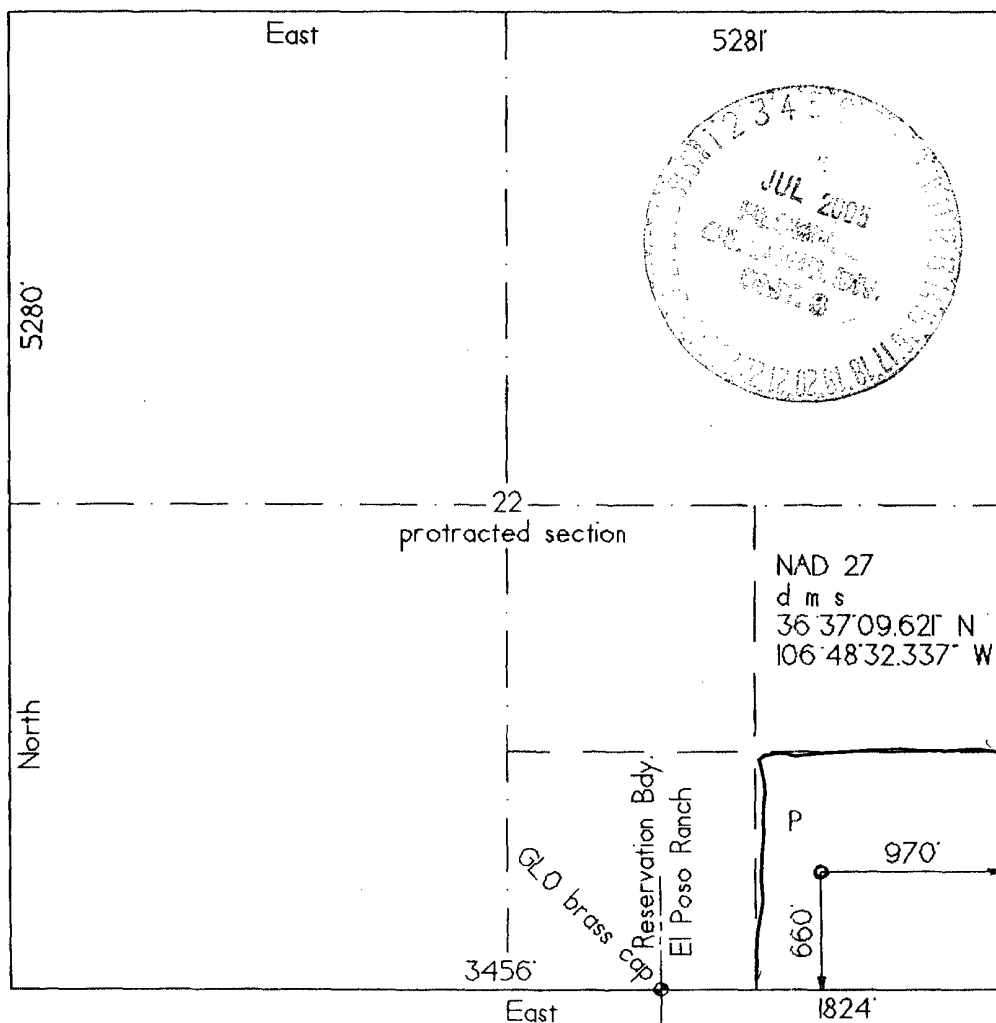
WELL LOCATION AND ACREAGE DEDICATION PLAT

APA Number 30-039-29582	Pool Code 97466	Pool Name WC 28N1E EIPSO; Greenhorn
Property Code 34245	Property Name El Poso	Well Number 6
OGRD No. 226 829	Operator Name BLUE DOLPHIN PRODUCTION, LLC	Elevation 7128'

Surface Location									
UL or Lot	Sec.	Twp.	Rge.	Lot Idn.	Feet from >	North/South	Feet from >	East/West	County
P	22	28 N.	1 E.		660'	SOUTH	970'	EAST	Rio Arriba

Bottom Hole Location If Different From Surface									
UL or Lot	Sec.	Twp.	Rge.	Lot Idn.	Feet from >	North/South	Feet from >	East/West	County
Dedication 40	Joint ?	Consolidation			Order No.				

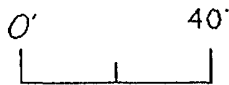
NO ALLOWABLE WILL ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



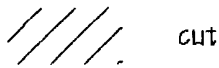
OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <i>Bradley W. Tolzman</i> Printed Name: BRADLEY W. TOLZMAN Title: CONSULTANT Date: 6-23-05	
SURVEYOR CERTIFICATION I hereby certify that the well location 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. Date of Survey: 04/14/05	
Signature and Seal of Professional Surveyor: 	

El Posa # 6

well pad and section



Scale 1" = 40'

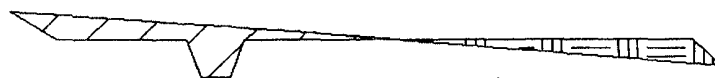
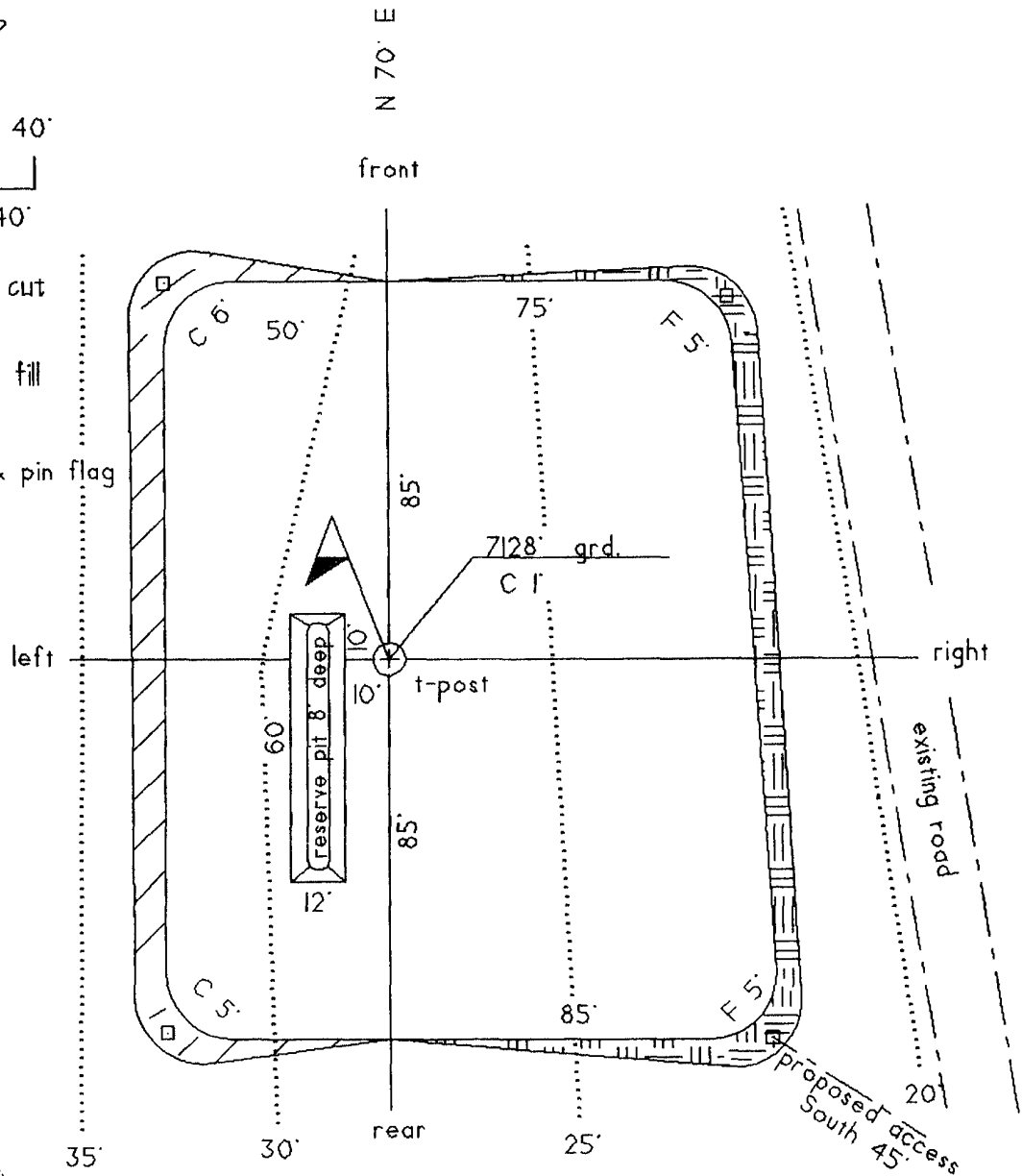


cut

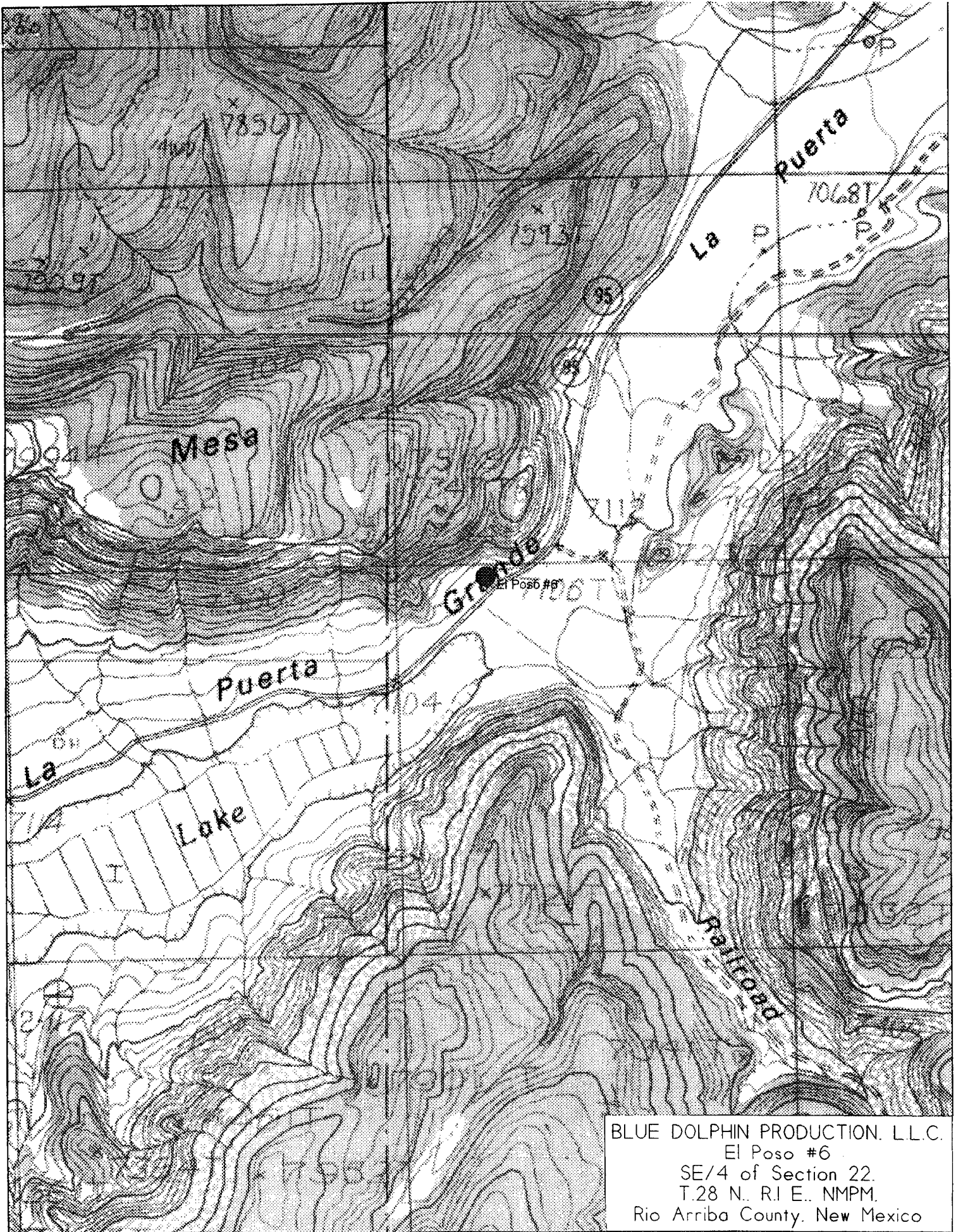


fill

□ set stake & pin flag



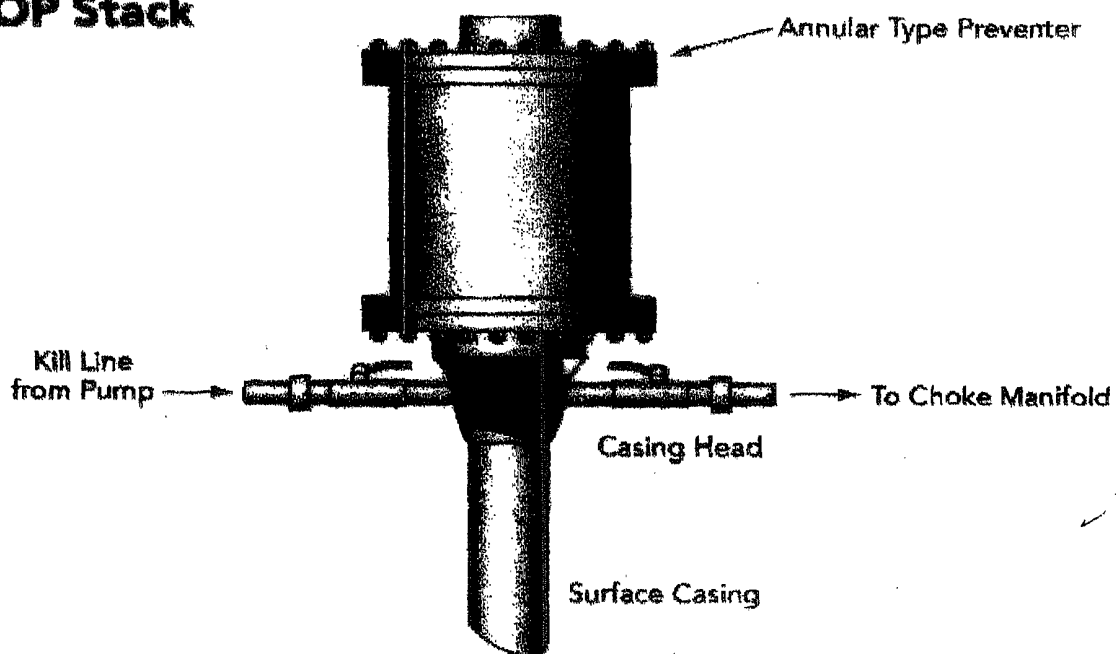
section



BLUE DOLPHIN PRODUCTION, L.L.C.
El Poso #6
SE/4 of Section 22.
T.28 N., R.1 E., NMPM.
Rio Arriba County, New Mexico

Well Control Equipment Schematic for 2M Service

BOP Stack



Choke & Kill Manifold

