. Form 3150-3 (December 1990)

UNITED STATES NM 0 SUBRICINA TRUMS STON DEPARTMENT THE INTERIOR wer (Special controction reverse, 16) 882

Form approved.

	BUREAU OF LA	ND MANAGEMEN	Artesia, Nm Georg	E .	SE DESIGNATION AND SE 29435-B	RIAL NO.
	APPLICATION FOR PERM	IT TO DRILL OR DE	EPEN	- L	INDIAN, ALLOTTEE OR I	RIBE NAME
la TYPE OF WORK:	DRILL 🔯	DEEPEN		- NA		
b TYPE OF WELL:	_	_		7.UNI	AGREEMENT NAME	
OIL X	GAS Other	SINGLE ZONE	MULTIPLE ZONE		OR LEASE NAME, WELL	
2 NAME OF OPERAT	TOR DEVON ENERGY OPER	ATING CORPORA	ATION 136025		Keel "B" #75	15968
3. ADDRESS AND TE	· ·	TIEVO COM OKA	1011 10402	9.API	WELL NO.	1/10/)
	20 N. BROADWAY, SUIT	E 1500, OKC, OK	73102 (405) 552-4560		·015-285	
	LL (Report location clearly and in a FNL & 2456' FEL	•		GRA	YBURG-JACKSON	CAT 78 509
At surface 12/4			A represent		C.,T.,R.,M.,OR BLOCK	
At top proposed prod.	zone (SAME)	D By	Approval	SECT	TION 8 -T17 S - R31	E
	Unit	()				
	and direction from nearest town on the country of Loco Hills, N.M.	R POST OFFICE*	La	EDDY	OUNTY OR PARISH	13. STATE NM
•			<u> </u>			
L5.DISTANCE FROM PROPO LOCATION TO NEAREST		16.NO. OF ACRES I			17.NO. OF ACRES	
PROPERTY OR LEASE L	·	000,52	ON LETT DIV.		40	
(Also to nearest drig, unit lin 18. DISTANCE FROM PROPO TO NEAREST WELL, DR	SED LOCATION*	19.PROPOSED DEPTH	What step 2	··· · · · · · · · · · · · · · · · · ·	20.ROTARY OR CA	BLE TOOLS*
OR APPLIED FOR, ON	•	4000	<u>생</u> 물에 있는 것 :		Rotary	
21.ELEVATIONS (Show whe	ther DF, RT, GR, etc.)				2. APPROX. DATE WORK	WILL START*
,,,, GR				'	une 15, 1995	
23.		BDOBOSED CASIN	CAND CENTENCE PROCESS		 	·
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER F	G AND CEMENTING PROGRAM FOOT SETTING DEPTH		QUANTITY	OF CEMENT
12 1/4"	8 5/8" J-55	24.0#	400'	· · · · · · · · · · · · · · · · · ·	200 sk RFC cmt + 2	00 sk Class "C"
7 7/8"	5 1/2" J-55	15.5#	4000'		500 sk Class "C" 3	5/65 + 500 sk Class
Exhibit #2 = Exhibit #3/3-A =	 Blowout Prevention Equi Location and Elevation P Road Map and Topo Map Wells Within 1 Mile Radi	oment ter lat res con	e undersigned accepts all appli ms, condition, stipulations and strictions concerning operation aducted on the leased land or p ereof, as described below:	i s	4 0-ya.	
	= Production Facilities Plat		ase No. LC029435-B		<u> </u>	, iii
Exhibit #6 =	Rotary Rig Layout	Les	gal Description: Section 8-T17	N-R31E	Marin,	e e e e e e e e e e e e e e e e e e e
Exhibit #7 =	= Casing Design	Boi	nd Coverage: Nationwide Por	J FL)_1	(7) 1 (7)
H2S Operating P	lan Gorwai P.	Autrements and		- 7- 5	نه م	
	apacial St	Districtions	May -1	· m 4	APT	ı
N AROVE SPACE DE	SCRIRE PROPOSED PROCES	: If proposal is to door	pen, give data on present productive zo		1012	
s to drill or deepen dire	ectionally, give pertinent data on su	bsurface locations and	pen, give data on present productive zon I measured and true vertical depths. G	ne and pro ive blowou	posed new productive it preventer program.	zone. If proposal
4.					, , , , , , , , , , , , , , , , , , , ,	
STONED O	A Cach-		RANDY JACKSON		E/24/66	
SIGNED	of Jackson	TITLE	DISTRICT ENGINEER D.	ATE	5/ <i>24</i> /53	• —
(This space for Feder	ral or State office use)					
ERMIT NO.						
	not warrant or certify that the applicant		•			
CONDITIONS OF APP	ROVAL, IF ANY:	noms segal or equitable ti	itle to those rights in the subject lease which w	would entitl	e the applicant to conduc	t operations thereon.
) <u>d</u> r-	140 1 00		ASSISTANT ARE: MANAGE	Đ		
PPROVED BY /s	/Yolanda Vega	TITLE	Addizional sur managen	יי מ	ATE 7-3-	95
		See Instruct	tions On Reverse Side			

<u>DISTRICT I</u> P. O. Box 1980 Hobbs, NM 88241-1980

Energy.

State of New Mexico nerals, and Natural Resources Depa ent Form C-102 Revised 02-10-94

Instructions on back

Submit to the Appropriate District Office State Lease — 4 capies Fee Lease — 3 capies

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

DISTRICT III 1000 Rio Brazos Rd. Aztec, NM 87410

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

AMENDED REPORT

NIDIK	101	<u> </u>	
P. O.	Box	208	38
Santa	Fe.	NM	87507-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

O15968 J. L. KEEL 'B' Operating DEVON ENERGY^CORPORATION SURFACE LOCATION "SURFACE LOCATION UL or lot no. Section 8 Township 17 SOUTH 31 EAST, N.M.P.M. "BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE UL or lot no. Section Township Range Lot Ida Feet from the North/South line Feet from the East/West line County 1274' NORTH 2456' EAST EDDY "BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE UL or lot no. Section Township Range Lot Ida Feet from the North/South line Feet from the East/West line County DEVON ENERGY^CORPORATION 10 SURFACE LOCATION 11 BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE UL or lot no. Section Township Range Lot Ida Feet from the North/South line Feet from the East/West line County 12 Dedicated Acres 13 Joint or Infill 14 Consolidation Code 15 Order No. NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION	1 API Number			² Pool Code	3 Po	ol Name						
OBJORNAL POPERATOR NAME J. L. KEEL 'B' OPERATOR STREAM OPERATOR DEVIN ENERGY/CURPURATION **SURFACE LOCATION "SURFACE LOCATION "SURFACE LOCATION "BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE Ut or lot no. Bection Township Range Lot Ida Fast from the North/South line Fast from the East/West line County "BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE Ut or lot no. Bection Township Range Lot Ida Fast from the Rorth/South line Fast from the East/West line County "Bedicated acres" Joint or laftil "Consolidation Code "Greer No. NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNTIT HAS BEEN APPROVED BY THE DIVISION OPERATOR CERTIFICATION I hereby certify that the information contained heads fix and accomplete to the best of my inswhedge and belief. Surveys or certify that the information contained heads for the many plants fix and accomplete to the best of my inswhedge and belief. Surveys or certify that the information contained heads of the late of my inswhedge of the location stander of the many plants of the well location stander of the many plants of the well surveys made by me or under my supervision, and that the same is surpervision, and that the same is surpervised. The surpervision is surpervision, and that the same is surpervision is surpervised. The surpervision is surpervised. ***INTERVISION** **INTERVISION	30-0	15-7	Z8579	78509		Graybur	g Jackson	1RUS-04-1	: R - S 4			
OGRID No. **Operator Name **DEVID ENERGY**CORPURATION **SURFACE LOCATION** "SURFACE LOCATION** "SURFACE LOCATION** "B ange Lot Ma Feet from the North/South line Feet from the East/West line County NORTH **2456** "BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE DUTY Dedicated Acres **Otomatical Acres **Otomati	* Property Code 5 Property N						1	11.00 90 (• Well Number	'		
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W. LYNN * BEZNER NO. 7920 Cartha Control Report V. L. R. Zappa N. R. E.S. 47920	L	. 	<u>i</u>	!		į		Signature	Section D			
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MINIMUM BLOWOUT PREVENTER REQUIREMENTS

3,000 psi Working Pressure

3 MWP

STACK REQUIREMENTS

No.	Item		Min. I.D.	Min. Nominal
1	Flowline			
2	Fill up line			2"
3	Drilling nipple			
4	Annular preventer			
5	Two single or one dual hy operated rams			
6a	Drilling spool with 2" min. 3" min choke line outlets	kill line and		
6 b	2" min. kill line and 3" mi outlets in ram. (Alternate		-	
7	Valve	Gale 🗆 Plug 🗅	3-1/8"	
8	Gate valve—power opera	ted	3-1/8"	
9	Line to choke manifold			3*
10	Valves	Gate 🖸 Plug 🖸	2-1/16"	
11	Check valve		2-1/16"	
12	Casing head			
13	Valve	Gale □ Plug □	1-13/16"	
14	Pressure gauge with need	die valve		
15	Kill line to rig mud pump	manifold		2"

3		
	ANNULAR PREVENTER 4	ı
	BLIND RAMS PIPE RAMS	1
	DRILLING POOL 19 13	
	CASING (2)	10

EXHIBIT #1

CONFIGURATION

	OPTIONAL		
16	Flanged valve	1-13/16"	

CONTRACTOR'S OPTION TO FURNISH:

- 1.All equipment and connections above bradenhead or casinghead. Working pressure of preventers to be 3,000 psi, minimum.
- Automatic accumulator (80 gallon, minimum) capable of closing BOP in 30 seconds or less and, holding them closed against full rated working pressure.
- 3.BOP controls, to be located near drillers position.
- 4. Kelly equipped with Kelly cock.
- Inside blowout prevventer or its equivalent on derrick floor at all times with proper threads to fit pipe being used.
- 6.Kelly saver-sub equipped with rubber casing protector at all times.
- 7.Plug type blowout preventer tester.
- Extra set pipe rams to fit drill pipe in use on location at all times.
- 9. Type RX ring gaskets in place of Type R.

MEC TO FURNISH:

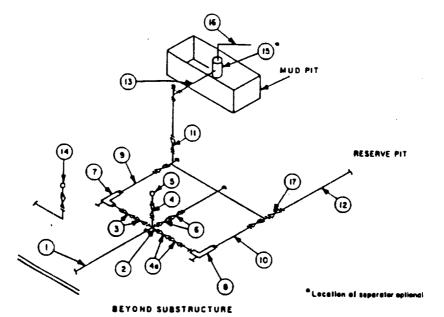
- Bradenhead or casinghead and side valves.
- 2. Wear bushing, if required.

GENERAL NOTES:

- Deviations from this drawing may be made only with the express permission of MEC's Drilling Manager.
- 2.All connections, valves, littings, piping, etc., subject to well or pump pressure must be flanged (suitable clamp connections acceptable) and have minimum working pressure equal to rated working pressure of preventers up through chore. Valves must be full opening and suitable for high pressure mud service.
- Controls to be of standard design and each marked, showing opening and closing position.
- 4.Chokes will be positioned so as not to hamper or delay changing of choke beans. Replaceable parts for adjustable choke, other bean sizes, retainers, and choke wrenches to be conveniently located for immediate use.
- All valves to be equipped with handwheels or handles ready for immediate use.
- 6.Choke lines must be sultably anchored.

- 7. Handwheels and extensions to be connected and ready for use.
- Valves adjacent to drilling spool to be kept open. Use outside valves except for emergency.
- All seamless steel control piping (3000 psi working pressure) to have flexible joints to avoid stress. Hoses will be permitted.
- Casinghead connections shall not be used except in case of emergency.
- 11.Do not use kill line for routine fill-up operations.

J MWP - 5 MWP - 10 MWP



			MINI	MUM REQL	JIREMENT!	S				
		3,000 MWP			5,000 MWP			10,000 MWP		
No.		I.D.	NOMINAL	RATING	I.D.	NOMINAL	RATING	1.D.	NOMINAL	RATING
1	Line from drilling spool		3.	3,000		3.	5,000		3.	10,000
2	Cross 3"x3"x3"x2"			3,000			5,000			
	Cross 3"x3"x3"x3"									10,000
3	Valves(1) Gate □ Plug □(2)	3-1/8"		3,000	3-1/8"		5.000	3-1/8"		10,000
4	Valve Gate □ Plug □(2)	1-13/16*		3,000	1-13/16*		5,000	1-13/16*		10,000
4a	Valves(1)	2-1/16"		3,000	2-1/16"		5,000	3-1/8"	 	10,000
5	Pressure Gauge			3,000			5.000		 	10,000
6	Valves Gate □ Plug □(2)	3-1/8"		3,000	3-1/8"		5,000	3-1/8*		10,000
7 ·	Adjustable Choke(3)	2"		3,000	2.		5.000	2.	 	10,000
8	Adjustable Choke	1.		3,000	1"		5.000	2.		10,000
9	Line		3.	3,000		3-	5.000		3*	10,000
10	Line		2.	3,000		2.	5.000		3"	10,000
11	Valves Gate ☐ Plug ☐(2)	3-1/8"		3.000	3-1/8"		5,000	3-1/8*		10,000
12	Lines		3.	1,000		3.	1,000		3.	2.000
13	Lines		3.	1,000		3.	1,000		3.	2,000
14	Remote reading compound standpipe pressure gauge			3,000			5,000	•	-	10,000
15	Gas Separator		2'x5'			2'x5'			2'x5'	
16	Line	<u> </u>	4.	1,000		4"	1.000		4.	2.000
17	Valves Gate □ Plug □(2)	3-1/8"		3,000	3-1/8"		5,000	3-1/8*		10,000

- (1) Only one required in Class 3M.
- (2) Gate valves only shall be used for Class 10M.
- (3) Remote operated hydraulic choke required on 5,000 psi and 10,000 psi for drilling.

EQUIPMENT SPECIFICATIONS AND INSTALLATION INSTRUCTIONS

- 1. All connections in choke manifold shall be welded, studded, flanged or Cameron clamp of comparable rating.
- 2. All flanges shall be API 6B or 6BX and ring gaskets shall be API RX or BX. Use only BX for 10 MWP.
- 3. All lines shall be securely anchored.
- 4. Chokes shall be equipped with tungsten carbide seats and needles, and replacements shall be available.
- 5. Choke manifold pressure and standpipe pressure gauges shall be available at the choke manifold to assist in regulating chokes. As an alternate with automatic chokes, a choke manifold pressure gauge shall be located on the rig floor in conjunction with the standpipe pressure gauge.
- 6. Line from drilling spool to choke manifold should be as straight as possible. Lines downstream from chokes shall make turns by large bends or 90° bends using bull plugged tees.
- 7. Discharge lines from chokes, choke bypass and from top of gas separator should vent as far as practical from the well.

Attachment to Exhibit #1 NOTES REGARDING BLOWOUT PREVENTORS

Grayburg-Jackson Field Eddy County, New Mexico

- 1. Drilling nipple will be constructed so it can be removed mechanically without the aid of a welder. The minimum internal diameter will equal BOPE bore.
- 2. Wear ring will be properly installed in head.
- 3. Blowout preventor and all associated fittings will be in operable condition to withstand a minimum 3000 psi working pressure.
- 4. All fittings will be flanged.
- 5. A full bore safety valve tested to a minimum 3000 psi W.P. with proper thread connections will be available on the rotary rig floor at all times.
- 6. All choke lines will be anchored to prevent movement.
- 7. All BOP equipment will be equal to or larger in bore than the internal diameter of the last casing string.
- 8. Will maintain a kelly cock attached to the kelly.
- 9. Hand wheels and wrenches will be properly installed and tested for safe operation.
- 10. Hydraulic floor control for blowout preventor will be located as near in proximity to driller's controls as possible.
- All BOP equipment will meet API standards and include a minimum 40 gallon accumulator having two independent means of power to initiate closing operation.