5 BLM 1 File

SUBMIT IN TRIPLICATE*

(Other instructions on

FORM APPROVED

UNITED STATES reve	ers
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ОМВ	NO.	1004-0136
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Diggan Production Corp. Asternated Telephone II. Asternated Telephone III.	Weil	Well X Other	ZON	ELX	ZONE	الـــا		294
Dugan Production Corp. Askew and Telephore No. Askew and Telephore No	. Name of Operator						No Doubt #90	- , ,
POLO BOX 420 , Farmington, NM 87499 (505) 325 - 1821 30-045- 3,0-7 (1) In return work of a conductor with any Seat regolarization. The seat regularization of with Life (Report Incident) and a conductor with any Seat regolarization. The seat regularization of with Life (Report Incident) and a conductor with any Seat regolarization. The seat regularization of the seat of the	Dugan Productio	n Corp.						
WAW Fruitland Sand PC Is service 790° FNL & 1850° FEL (NW/4 NE/4) Same Same	. Address and Telephone No.						30-045- 307	8 (
WAW Fruitland Sand PC Is service. 790° FNL & 1850° FEL (NW/4 NE/4) Same Sam	P.O. Box 420 ,	Farmington, NM 87499	(505) 325 - 1821		7.		10. FIELD AND POOL , OR WILD	CAT
TO THIS WELL SAND DIRECTION FROM MEASEST TOWN OR POST CAPFLET ADDITION 71/2 miles: SW OF Farmington, NM A DISTANCE IN HILES AND DIRECTION FROM MEASEST TOWN OR POST CAPFLET ADDITION 71/2 miles: SW OF Farmington, NM S. DISTANCE IN HILES AND DIRECTION FROM MEASEST TOWN OR POST CAPFLET ADDITION 71/2 miles: SW OF Farmington, NM S. DISTANCE FROM PROPOSED: COCKNING TO MANUSCE SOUTH OR POST CAPFLET TO LESS LINE, FROM PROPOSED: TO THIS WELL SOUTH OF PACHES ASSIGNED TO THIS WELL SOUTH OR PACHES ASSIGNED TO THIS WELL SOUTH OF PACHES ASSIGNED TO THIS WELL TO THIS WE			squirements.*)				WAW Fruitland	Sand PC
AND SURVEY ON AREA Unit B Sec. 6, T27N, R13W Sec. 6					. 3			
Sec. 6, T27N, R13W 4, DISTANCE IN HILES AND DISECTION ROON REAREST TOWN OR POST OFFICE* ADDITION 77% MILES SW of Farmington, NM SISTANCE PROPRESSW SO STANCE PROPRESS SO S					, j = ¹⁰⁰			
A DETAIL E IN HILES AND DIRECTION FROM MEAREST TOWN OR POST OFFICE' ADDITOR 7/3 miles SW of Farmington, NM IS BYSINCE FIOR PROPOSED* LOCATION TO MEAREST SUPPORTED OR LOCATION* TO THIS WELL PROPOSED DEPTH 20. ROTARY OR CARLE SASIONED TO THIS WELL PROPOSED DEPTH 21. NO. OF ACRES ASSIONED TO THIS WELL PROPOSED DEPTH 22. APPROX. DATE WORK WILL START' ASAP 23. APPROX. DATE WORK WILL START' SET OF NOLE SIZE OF NOLE GAADES, SIZES OF CASING WEIGHT PER FOOT SETTING DEPTH 20. GAADES, SIZES OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT SASAP 24.* PROPOSED CASING AND CEMENTING PROCRAM SIZE OF NOLE GAADES, SIZES OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT 3-3/4* 7" 20# 10.5# 1380' SETTING DEPTH QUANTITY OF CEMENT 3-3/4* NO PROPOSED CASING AND CEMENTING PROCRAM SIZE OF NOLE GAADES, SIZES OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT 3-3/4* 10.5# 1380' 371 cu ft - circ to surface Plan to drill a 8-3/4* hole and set 120' of 7" OD, 20#, J-55 surface casing; then plan to drill a 6½" hole to total depth with gel-water-mud program to test the Pictured Cliffs formation. Plan to run IES and CDL ogs. If determined productive, will run 4½", 10.5#, J-55 casing, selectively perforate, frac, clean out after rac and complete well. PROVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or eepen directionally, give pertinent data on subsurface loopions and measured and true vertical deepths. Give blowout preventer program, if any. ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or eepen directionally, give pertinent data on subsurface loopions and measured and true vertical deepths. Give blowout preventer program, if any. A BOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and pro	t proposed prod. zone	same						40114
Approx 7½ miles SW of Farmington, NM Substance RRON Reprocessor LOCATION TO MARKEST RRON-REPORT OR LEASE LINE, IT. 15. NO. OF ACRES IN LEASE 17. NO. OF ACRES ASSIGNEED TO THIS WELL 17. NO. OF ACRES ASSIGNEED TO THIS WELL 18. NO. OF ACRES ASSIGNEED TO THIS WELL 19. NO. OF					· · · · · ·		 	1377
SISTANCE FROM PROPROSED* LOCATION TO MANUEST PROPERTY OR LESS LIME, 17** 790' 681.26 18. NO. OF ACRES IN LEASE TO THIS WELL 790' 681.26 19. NO. OF ACRES ASSIGNED TO THIS WELL 790' 681.26 18. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS ROTARY OR CAB								1
TO THIS WELL TO MEAST YER TO					TIT NO OF ACRES	ECICHED	San Juan	NM
PROPOSED CASING AND CEMENTING COMMETED, OR RITER CONTROL STATE OF HOLE GRADES, SIZES OF CASING WIGHT PRE PROPOSED CASING AND CEMENTING PROPOSED CEMENT OF CASING AND CEMENTING PROPOSED CASING AND CEMENTING PROPOSED CASING AND CEMENTING PROPOSED CASING AND CEMENTING PROGRAM SIZE OF HOLE GRADES, SIZES OF CASING WIGHT PRE PROP SETTING DEPTH QUANTITY OF CEMENT ASAP 3-3/4" 7" 20# 120' - 59 cu ft - circ to surface 3-3/4" 17" 20# 1380' 371 cu ft - circ to surface 3-3/4" 10.5# 1380' 371 cu ft - circ to surface 3-3/4" 10.5# 1380' 371 cu ft - circ to surface Plan to drill a 8-3/4" hole and set 120' of 7" OD, 20#, J-55 surface casing; then plan to drill a 61/4" hole of total depth with gel-water-mud program to test the Pictured Cliffs formation. Plan to run IES and CDL ogs. If determined productive, will run 41/2", 10.5#, J-55 casing, selectively perforate, frac, clean out after rac and complete well. PROPOSED PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or series directionally, give pertinent data on subsurface locations and measured and true vertical deepths. Give blowout preventer program, if any. **SIGNED** **SIGNED** **Kurt Fagrelius** Title* **Geologist* **Date** **BA13/2001** **Date** **BA13/2001** **Date** **BA13/2001** **Title** **Geologist* **Date** **BA13/2001** **BA13/2001** **BA13/2001** **Date** **BA13/2001** **BA13/200		•	16. NO. OF ACKES IN LEASE		1	GSIGNED		
IS DISTANCE FROM PROPOSED LOCATION* TO REAST WELL, DIRELLING, COMPLETED, OR APPLIED POR, ON THIS LAKE, FT. 3500' 1380' PROPOSED CASING AND CEMENTING PROGRAM SIZE OF MOLE GRADES, SIZES OF CASING SIZE OF MOLE GRADES, SIZES OF CASING WEIGHT PER POOT SETTING DEPTH QUANTITY OF CEMENT ASAP PROPOSED CASING AND CEMENTING PROGRAM SIZE OF MOLE GRADES, SIZES OF CASING WEIGHT PER POOT SETTING DEPTH QUANTITY OF CEMENT ASAP PLAN 120' 59 CU ft - CIPC to Surface 3-74" 10.5# 1380' 371 CU ft - CIPC to Surface 10.5# Plan to drill a 8-3/4" hole and set 120' of 7" OD, 20#, J-55 surface casing; then plan to drill a 6½" hole of total depth with gel-water-mud program to test the Pictured Cliffs formation. Plan to run IES and CDL ogs. If determined productive, will run 4½", 10.5#, J-55 casing, selectively perforate, frac, clean out after frac and complete well. Procedulars reviow purposan to 43 CFR \$185.8 and appeal pursuant to 43 CFR \$185.8 AND PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or eepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. AND ALL TARGET DESCRIBE: PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or eepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. Tide Geologist Date 8/13/2001		т. 700 1	604.0	•			149 ممه	49 1/
TO NEAREST WELL, DRILLING, COMPLETED, OR PRISE LASE, PT. 3500' 1380'— Rotary 22. APPROX. DATE WORK WILL START' S875' (est) GL 35. PROPOSED CASING AND CEMENTING PROGRAM SUSE OF HOLE GRADES, SIZES OF CASING WEIGHT PER POOT SETTING DEPTH QUANTITY OF CEMENT 3-3/4" 7" 20# 120'— 59 cu ft - circ to surface 3-3/4" 10.5# 1380'— 371 cu ft - circ to surface Plan to drill a 8-3/4" hole and set 120' of 7" OD, 20#, J-55 surface casing; then plan to drill a 6%" hole o total depth with gel-water-mud program to test the Pictured Cliffs formation. Plan to run IES and CDL ogs. If determined productive, will run 4½", 10.5#, J-55 casing, selectively perforate, frac, clean out after rac and complete well. Procedular review pursuant to 43 CPH \$185.3 and appeal pursuant to 43 CPH \$185.3 ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or eepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. 1. SIGNED Last Fagrelius Title Geologist Date 8/13/2001)	DO BOTARY OR CAL	I E TOOLS	100 137	T/10
DELECTIONS (Show whether DF, RT, CR, etc.) LELEVATIONS (Show whether DF, RT, CR, etc.) PROPOSED CASING AND CEMENTING PROGRAM SIZE OF HOLE GRADES, SIZES OF CASING WEIGHT PER POOT SETTING DEPTH QUANTITY OF CEMENT 3-3/4" 7" 20# 120' 59 Cu ft - circ to surface 3-3/4" 10.5# 1380' 371 cu ft - circ to surface 3-3/4" hole and set 120' of 7" OD, 20#, J-55 surface casing; then plan to drill a 6%" hole of total depth with gel-water-mud program to test the Pictured Cliffs formation. Plan to run IES and CDL ogs. If determined productive, will run 4½", 10.5#, J-55 casing, selectively perforate, frac, clean out after frac and complete well. Procedulated Personal pursuant to 43 CFR \$185.8 and appeal pursuant to 43 CFR \$185.8 **GENERAL REQUIREMENTS" **ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or eepen directionally, give perfinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. **ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or eepen directionally, give perfinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. **ABOVE SPACE DESCRIBE: PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or eepen directionally, give perfinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. **ABOVE SPACE DESCRIBE: PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or eepen directionally, give perfinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.			19. PROPOSED DEPTH		20. ROTART OR CA	SEE 100CS		
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SIZE OF HOLE GRADES, SIZES OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT 3-3/4" 7" 20# 120' — 59 cu ft - circ to surface 3-3/4" 10.5# 1380' — 371 cu ft - circ to surface Plan to drill a 8-3/4" hole and set 120' of 7" OD, 20#, J-55 surface casing; then plan to drill a 6½" hole of total depth with gel-water-mud program to test the Pictured Cliffs formation. Plan to run IES and CDL orgs. If determined productive, will run 4½", 10.5#, J-55 casing, selectively perforate, frac, clean out after rac and complete well. Procedulator review purposal to 43 CFR \$185.3 ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or eepen directionally, give perfunent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. SIGNED Kut Fagrelius Take Geologist Date 8/13/2001	5875' (est) GL			-			ASAF)
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Plan to drill a 8-3/4" hole and set 120' of 7" OD, 20#, J-55 surface casing; then plan to drill a 6½" hole to total depth with gel-water-mud program to test the Pictured Cliffs formation. Plan to run IES and CDL ogs. If determined productive, will run 4½", 10.5#, J-55 casing, selectively perforate, frac, clean out after frac and complete well. procedulus review pursuant to 43 CFF \$185.3 and appeal pursuant to 43 CFF \$185.3 "GENERAL REQUIREMENTS" ABOVE SPACE DESCRIBE: PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or eepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. Title Geologist Date 8/13/2001	3-3/4"	7"	20#	120' -	~	•		
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N ABOVE SPACE DESCRIBE: PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or eepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. 1. SIGNED Kut Fzgylls Title Geologist Date 8/13/2001	o total depth wit ogs. If determir	h gel-water-mud progran led productive, will run 4 le well.	n to test the Pictured 0 ½", 10.5#, J-55 casing	Cliffs for , selecti	mation. Pl vely perfor	an to ru ate, fra	un IES and CDL ic, clean out after	The sale
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	sepen directionally, give p	ertinent data on subsurface locations and	measured and true vertical depths.			m, if any.		
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CONDITIONS OF APPROVAL

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 United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

PO Box 1980, Hobbs, N51 88241-1980 District II PO Drawer DD, Artesia, NAI 88211-0719

1000 Rio Benzos Rd., Aztec, NM 87410

District III

Energy, Minerals & Natural Resources Department

Revised Pedruary 21, 1994 Instructions on back Submit to Appropriate District Office State Lease - 4 Copies

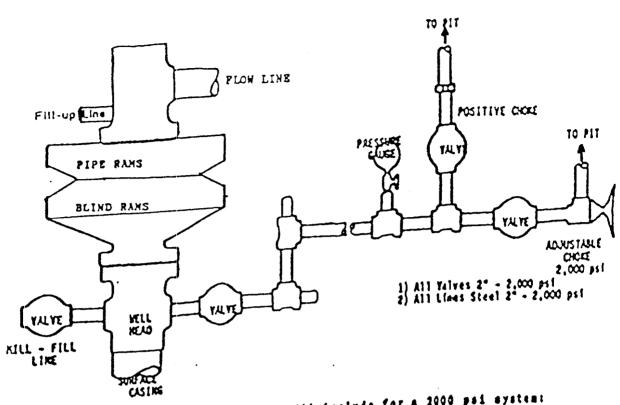
OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

Fee Lease - 3 Copies

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District IV PO Box 2008, Sa	iala Fe, YN	4 87504-2088] AME	ENDED REPOR
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17 1-1	Section	Township	Range	Lot Idn	Feet from th		North/South line	Feet from the	East/Wes	t line	County
UL or lot no.		27N	13W		79C		North	1850	Eas	it	San Juan
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UL or lot no.	Section	Township	Range	Lot Ida	Feet from th		Narth/South line	Feet from the	East/West	l line	County
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16			Section		Duga	an P:	roduction C	Signature Sherma Printed Name Vice-I Title June 18 SURV	en E. Dereside	ormation of my living any living	IFICATION contained herein is moveledge and belief
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5966 × 5966	o Drill Hale	Dril Hole of				
		13 2				
Existing Roads	<u>Exhibit E</u>	Planned Access Road(s)	<u>Exhibit E</u>			
Vicinity of nearest town	or reference pt.	Width Maximum gra				
Approx. 3 mi. SW of NAPI F	<u>leadquarters</u>	Drainage design <u>as require</u>				
		Cuts & Fills as require Surfacing material none	<u> </u>			
Type of surface <u>dirt</u>		⇒ Turnouts				
Conditions <u>good</u>		☐ Culverts \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	rs			
Other		=== Cattleguards / Access Road &				
Reference map: USGS map	<pre>(irtland</pre>	// Fence cuts // Pipelin	e			
SE and Hugh Lake, NM		Access road(s) do do not cros	s Fed/(Ind land.			
	Pount 90	No new access required will	use roads			
Dugan Production CorpNo	Nomic 30 1	designated by NAPI				
	7979	>317 TM >> {				
()	1 5 2	12)///	× 6% 17			



BOP and Related Equipment will include for a 2000 poi system;

2000 PSI DOUBLE RAM BLOWGOT PREVENTER

Kill lise (2ª misimum) 1 kill lise valve (2" misiaum)

1 choke line valve

Upper helly cock valve with handle available

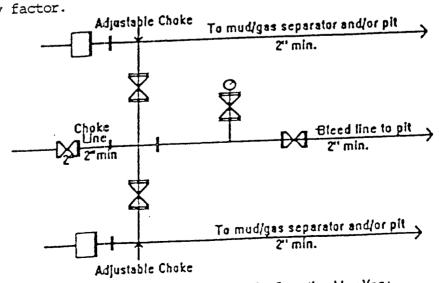
Safety valve and subs to fit all drill string connections in use

Pressure gauge on choke mielfold

minimum cheke line

7111-07 1184 above the uppermost preventer

BOP equipment will be tested as required in Section III A.1 of Onshore Order 2, plus a 30% safety factor.



24 Chake Manifold Equipment - Configuration May Vary





dugan production corp.



April 10, 2002

New Mexico Oil Conservation Division 1000 Rio Erazos Road Aztec, NM 87410

Re: Dugan Production Corp.

No Doubt #90 API #30 045 30781 Unit B, Sec. 6, T27N, R13W San Juan County, NM

Gentlemer:

Below are the deviations reported by the drilling contractor for the subject well:

1/8° @ 500' 3/4° @ 1,000' 1° @ 1,395'

Sincerely,

John Alexander Vice-President

JA:sh

State of New Mexico) County of San Juan)

Subscribed and sworn to before me this 10th day of April, 2002.

My Commission Expires: