MAR of HOOR

3160(067) NM-0405444

CERTIFIED--RETURN RECEIPT REQUESTED P 864 875 227

Devon Energy Corporation (Nevada) Attention: Charles W. Horsman 20 North Broadway Suite 1500 Oklahoma City, OK 73102

RE: Todd "23 O" Federal Well No. 5 NMNM-0405444 795' FSL & 1800' FEL, Sec. 23, T23S, R31E Eddy County, New Mexico

Dear Mr. Horsman:

I am pleased to approve your Application for Permit to Drill (APD) at the present location. Your copy of the APD, with attached stipulations, is enclosed.

The APD at the original location, 660 feet FSL and 2050 feet FEL, was denied for potash considerations. The APD was moved by Sundry Notice to the above referenced location. The new location is such that oil and gas production should not impact potash reserves.

If you need any additional information, please contact Tony Herrell at the Carlsbad Resource Area (505) 887-6544.

Sincerely,

15/ Monte G. Jordan

for Larry L. Woodard State Director

1 Enclosure: 1 - Application for Permit to Drill (APD)

bcc: NM (910, L. Woodard) NM (920, R. Smith) NM (067, T. Herrell) NM (060, A. Lopez) NM (060, L. Cone)

	DEPARTMEN	TED STATES TOOF THE INT		ctions on	Expires: D	ved. Seu No. 1004-0136 Vecember 31, 1991 TION AND SERIAL NO.
	LICATION FOR P					TTES OR TRISS NAME
LA. TTPE OF WORK		UEC			N/A	
DRILL DEEPEN CARL VILL 7. UNTE AGEBERGENT HANS						
OIL X	WELL OTHER		STHELS		8. FARM OR LEASE HAN	E, WELL HD.
2. NAME OF OPERATOR		/	EN5		Todd "23	Federal #5
	y Corporation (N	evada) 🖓 🔄			9. API WELL NO.	······································
. ADDRESS AND TELEPHONE			OF 72102	· • •	10. FIELD AND PO	
2U N. Broad	Way - Suite 1500 (Report location clearly and	, OKLANOMA CI	State requirements.*)			ted Delaware
At surface 800 2050' FEL At proposed pred.	54me	5?			11. SPC., T., B., M., AND SURVEY C INC. 0 Sec. 23-T	OB BLE. RE ABBA 23S-R31E
	S AND DIRECTION FROM NEA st - Northwest o		1C8•		12. COUNTY OR PA	NM
15. DISTANCE FROM PR	OPUSED*		NO. OF ACRES IN LEASE		ACRES ABSIGNED	
LOCATION TO NEAR PROPERTY OR LEAR (Also to perfect d		6601	1320	20 TH	the Wall 40	
18. DISTANCE FROM FR	DRILLING, COMPLETED,	400	PROPOSED DEPTH 8350	20. BOTAR	Rotary	
1. ELEVATIONS (Show)	whether DF, RT, GR, etc.)		0.7		22. APPROX. DAT	WORE WILL START
3.		3450.2		~	6-1	
			ND CEMENTING PROGRA	<u>■ Secret</u>		<u>R-111-P Pota</u>
BIES OF HOLE	08A08, 525 07 CASHO 13 3/8 K-55	54.5	850 CID CILL AT	1/50 ev	QUANTITY OF C	SX 'C' + 2% C
17 1/2	8 5/8 K-55					
		32	4400CIRCULA	1 <u>1800 sz</u>	c Lite & 200	0 sx 'C' + 2% c
7 7/8 DV Tool @ 55	5 1/2 K-55	15.5 & 17	8350	lst sta	age - 600 s	x Silicalite x Lite & 100 g
7 7/8 DV Tool @ 55 Devon Energy quantities of and abandone	5 1/2 K-55 500' of proposes to dri of oil. If the D ed as per federal are outlined in	15.5 & 17 11 to approxim elaware is fou regulations.	8350 ately 8350' to t nd non-commercia Programs to adh exhibits and att	lst sta 2nd sta cest the al, the the	age - 600 so age - 500 so Silica Delaware fa wellbore wi onshore oil	x Silicalite x Lite & 100 s alite or commercial ll be plugged
7 7/8 DV Tool @ 55 Devon Energy quantities of and abandone regulations Drilling Pro Surface use Exhibit #1 a Exhibit #2 Exhibit #3 Exhibit #4	5 1/2 K-55 500' 7 proposes to dri of oil. If the D ed as per federal are outlined in ogram and operating pl and #1-A - Blowou - Locati - Planne - Wells	15.5 & 17 15.5 & 17 11 to approxim elaware is four regulations. the following APPROVAL SUBEC GENERAL REQUIR SPECIAL STIPULA amsTACHED, and t prevention e on and elevati d access roads within one mil	8350 ately 8350' to t nd non-commercia Programs to adh exhibits and att HENTS AND THONS to applicable pro quipment. Exhit on plat. Exhit e radius.	lst sta 2nd sta 2nd sta est the 1, the w ere to d achments of #5 -1 oit #6 -1	age - 600 st age - 500 st Silica Delaware for wellbore with onshore oil s. A OCD'S R 1 Production Rotary rig Evidence of	<pre>x Silicalite x Lite & 100 s alite or commercial l1 be plugged and gas</pre>
7 7/8 DV Tool @ 55 Devon Energy quantities of and abandone regulations Drilling Pro Surface use Exhibit #1 a Exhibit #2 Exhibit #3 Exhibit #4	5 1/2 K-55 500' 7 proposes to dri of oil. If the D ad as per federal are outlined in ogram and operating pl and #1-A - Blowou - Locati - Planne - Wells	15.5 & 17 15.5 & 17 11 to approxim elaware is four regulations. the following APPROVAL SUBJEC GENERAL REQUIR SPECIAL STIPULA amittached, and t prevention e on and elevati d access roads within one mil	8350 ately 8350' to t nd non-commercia Programs to adh exhibits and att HUNTS AND THONS to applicable pro quipment. Exhibits on plat. Exhibits e radius.	lst sta 2nd sta 2nd sta cest the l, the t here to d cachments ovisions o bit #5 -1 bit #6 -1	age - 600 st age - 500 st Silica Delaware for wellbore with onshore oil s. Of OCD'S R1 Production to Rotary rig Evidence of	<pre>x Silicalite x Lite & 100 s alite or commercial l1 be plugged and gas</pre>
7 7/8 DV Tool @ 55 Devon Energy quantities of and abandone regulations Drilling Pro Surface use Exhibit #1 a Exhibit #2 Exhibit #3 Exhibit #4 N ABOVE SPACE DESCR	5 1/2 K-55 500' 7 proposes to dri of oil. If the D ed as per federal are outlined in ogram and operating pl and #1-A - Blowou - Locati - Planne - Wells	15.5 & 17 15.5 & 17 11 to approxim elaware is four regulations. the following APPROVAL SUBJEC GENERAL REQUIR SPECIAL STIPULA amittached, and t prevention e on and elevati d access roads within one mil	8350 ately 8350' to t nd non-commercia Programs to adh exhibits and att HUNTS AND THONS to applicable pro quipment. Exhibits on plat. Exhibits e radius.	lst sta 2nd sta 2nd sta est the 1, the w ere to o achments ovision \$5 -1 oit #5 -1 bit #6 -1	age - 600 st age - 500 st Silica Delaware for wellbore with onshore oil s. Of OCD'S R1 Production to Rotary rig Evidence of	<pre>x Silicalite x Lite & 100 a alite or commercial l1 be plugged and gas</pre>
7 7/8 DV Tool @ 55 Devon Energy quantities of and abandone regulations Drilling Pro Surface use Exhibit #1 a Exhibit #2 Exhibit #3 Exhibit #4 NABOVE SPACE DESCR	5 1/2 K-55 500' 7 proposes to dri of oil. If the D ad as per federal are outlined in ogram and operating pl and #1-A - Blowou - Locati - Planne - Wells	15.5 & 17 15.5 & 17 11 to approxim elaware is four regulations. the following APPROVAL SUBJEC GENERAL REQUIR SPECIAL STIPULA amittached, and t prevention e on and elevati d access roads within one mil	8350 ately 8350' to t nd non-commercia Programs to adh exhibits and att I U EMENTS AND TIONS to applicable pro quipment. Exhit on plat. Exhit e radius.	lst sta 2nd sta 2nd sta est the al, the w here to o achments ovisions c oit #5 -1 oit #6 -1 1 and proposed enser program, is	age - 600 st age - 500 st Silica Delaware for wellbore with onshore oil s. CocD'S RT Production Rotary rig Evidence of mew productive zone. Imy.	<pre>x Silicalite x Lite & 100 a alite or commercial l1 be plugged and gas</pre>
7 7/8 DV Tool @ 55 Devon Energy quantities of and abandoner regulations Drilling Profission Surface use Exhibit #1 a Exhibit #2 Exhibit #3 Exhibit #4 NABOVE SPACE DESCR SIGNED (This space for Fermion 10, 10, 10, 10, 10, 10, 10, 10, 10, 10,	5 1/2 K-55 500' 7 proposes to dri of oil. If the D ed as per federal are outlined in ogram and operating pl and #1-A - Blowou - Locati - Planne - Wells RUBE PROPOSED PROGRAM: M entineet data on subsurface location Merrineet data on subsur	15.5 & 17 11 to approxim elaware is four regulations. the following APPROVAL SUBJEC GENERAL REQUIR SPECIAL STIPULA amiTACHED, and t prevention e on and elevati d access roads within one mill proposal is to deepen, give d ms and measured and true ver	8350 ately 8350' to t nd non-commercia Programs to adh exhibits and att I U EMENTS AND TIONS to applicable pro quipment. Exhibits on plat. Exhibits e radius. Inte on present productive zone tical depths. Give blowout prev Charles W. Hors District Engine	lst sta 2nd sta 2nd sta est the al, the the nere to d achments ovisions of achments ovisions of bit #5 -H bit #6 -H l and proposed ener program, is sman	age - 600 sr age - 500 sr Silica Delaware for wellbore with onshore oil s. Of OCD'S RT Production st Rotary rig Evidence of mew productive zons. I any.	k Silicalite k Lite & 100 s alite or commercial ll be plugged and gas post 107 493 11-P. facilities pla layout. bond coverage If proposal is to drill or -4-92
7 7/8 DV Tool @ 55 Devon Energy quantities of and abandoner regulations Drilling Pro- Surface use Exhibit #1 a Exhibit #2 Exhibit #3 Exhibit #4 NABOVE SPACE DESCR copon directionally, give p 4. SIGNED (This space for Fermion approval do	5 1/2 K-55 500' 7 proposes to dri of oil. If the D ed as per federal are outlined in ogram and operating pl and #1-A - Blowou - Locati - Planne - Wells RUBE PROPOSED PROGRAM: M entineet data on subsurface location Merrineet data on subsur	15.5 & 17 11 to approxim elaware is four regulations. the following APPROVAL SUBJEC GENERAL REQUIR SPECIAL STIPULA amiTACHED, and t prevention e on and elevati d access roads within one mill proposal is to deepen, give d ms and measured and true ver	8350 ately 8350' to t nd non-commercia Programs to adh exhibits and att I U EMENTS AND TIONS to applicable pro quipment. Exhibits on plat. Exhibits e radius. Inte on present productive zone tical depths. Give blowout prev Charles W. Hors District Engine	lst sta 2nd sta 2nd sta est the al, the the nere to d achments ovisions of achments ovisions of bit #5 -H bit #6 -H l and proposed ener program, is sman	age - 600 sr age - 500 sr Silica Delaware for wellbore with onshore oil s. Of OCD'S RT Production st Rotary rig Evidence of mew productive zons. I any.	k Silicalite k Lite & 100 s alite or commercial ll be plugged and gas prof 107 4913 77-P. facilities pla layout. bond coverage If proposal is to drill or -4-92

-

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

2012 مى ئىرى ئىچىلىر. 1945-يىلى مەركىلىرى بىرى ئۆلمى مۇلار كىر 1941-يىلى مەركىلىكىلىرى بەركىلى قىرىپىرى	ATLANTING OF ATTACK		STAR C.			n - ស៊ីសូ- • មានស្នោ <u>ក</u> ្រ
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	· · · ·		i Gentied ter Gran Chai fr		• - -•	
	الم المراجعة المراجعة المراجعة من المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المر المراجعة المراجعة الم المراجعة المراجعة الم		OTTIMES	ROFINC		
Blaus Theory Later		in a second s	heese		Bulling	DEUT TILDATI A
AN AND MALLANSK		BIONIA BHGE		¥3: :: = 2)		
and the second of the second o			(shevak	70.21 - 3		STA STOR
HADEFT I TOMARK AND THE	- ಕಲ್ಲಿಸಿ ಸಿ				t strees	
1					1400 B - 28	Hair To The City Marcon M
a 20-2000-20 . Mais	1 •				2.2	
ELECTRON CONSERVING AND	s 		of to whice some the M.Z. (Lat. 30			
971 - 12 STEP 9 335 - 14 335 - 14	99 - 962 - 279 277 - 887 - 88 - 88 - 8 8 - 8 8 - 8 7 - 97	1 16 64 Hr Acht	'Dèà	€9410 \$41 ±	238 La3	
6.(6) 3)	kat. MPA.		460	**************************************	and Constant and and Constant and	1-177 - 4-1920 - 1-22
That I is a complete and the state	name to provincipale realization				Mar the Same wa	AND FOR ANY CALL

LE CORS CHENRERS ORA DEELS STORES

	現代化ること してておね	c and constrained in the state of the sta		2 737 TK 435-
		54.3	EE-2 5,E	and a second sec
the second with state as the second	- Citaria	P.S.	- 22 - 55	
andul in the 120 - along official States and the contract field		13.5.2	/2 x-3 5	ین بیندی میدهاند در میدود. بر از از از بر از از از

e e la companya de la

SEE & INT M

seven Energy process on defil to approximate a seven of the basevent of the order of a seven the of the order of the order

ament<u>en in in te</u>

	i i i i i i i i i i i i i i i i i i i	ser solir
ne en la seconda de la contractiva de la seconda de la	and cherrian place. Physical Classes he received heritant.	12 state
<u>andini se subturs ill</u> -l'eller Crideri si chi correges	- forstive int anithout -	EN Southat to
	- Plunded accors reads.	Elented a S
No. 1977-01-21 https://www.com.com/com/com/com/com/com/com/com/com/com/		AF ಗೇರೆಗಳು ಎ

2₽	nisevol 4 colvanio	
	THURSDE TO PROLE	the second s
		RIAND CONTRACTOR
		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
		CONTRACT OF A

法规则不可以不能不是不能不能的的,就不能帮助的。"他们帮助的,你不是你能知道你的,你们有你的,你们有你的。你们不能不是你,你的你要不不不不不不能不是你,你不是你不不 不能你们的你们?""不是你不不是你?""你是你不是你不能不能不能是你有你的?"你们还是你的,你们有你的?""你们,你们就是你们,你们不不不不不不不是你?""你不是

the instaction Or Service Set

and the second sec

District Uffice State Lease - 4 copies Fee Lease - 3 copies

Tergy, Minerals and Natural Resource Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II P.O. Drawer DD, Artesis, NM 55210

DISTRICT I

F.O. DIEVEL DD, Actual, MA CO

P.O. Box 1980, Hobbs, NM 88240

WELL LOCATION AND ACREAGE DEDICATION PLAT

DISTRICT III 1000 Rio Brazos Ed., Artec, NM 67410

All Distances must be from the outer boundaries of the section

Operator Lease	Well No.
DEVON ENERGY Todd "230" Federal	5
Provide Antonio Country Country	
Unit Letter Section Township	EDDY
O 23 23 SOUTH 31 EAST NMPM	
	AST line
795 feet from the SUUTH line and 1800 feet from the D Ground Level Elev. Producing Formation Pool	Dedicated Acreage:
3459.2' Delaware Ingle Wells Delaware	40 Acres
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.	
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to wor	
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been con unitization, force-pooling, etc.?	solidated by communitization.
Yes No If answer is 'yes' type of consolidation	
If answer is "no" list of owners and tract descriptions which have actually been consolidated. (Use reverse side of	of
No allowable will be assigned to the well unit all interests have been consolidated (by communitization, otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.	unitization, forced-pooling,
	ATOR CERTIFICATION
	hereby certify the the information
	herein is true and complete to the
best of my	knowledge and bellef.
	, , , , , , , , , , , , , , , , , , , ,
Signatur	h gulthan
Printed	the state of the second st
	les W. Horsman
	rict Engineer
	J Devon Energy
	pration (Nevada)
Date	<u> </u>
	2-17-92
SURV	EYOR CERTIFICATION
I hereby a	ertify that the well location shown
	at was plotted from field noise of
	veys made by me or under my n and that the same is true and
	o the best of my knowledge and
beilaf.	
Date Su	rveyed
	OVEMBER 30, 1992
	e & Seal of
Professi	onal Surveyor
3453.5'3457,8'	
	GARY L. JONES
	SE Mar 1
1 3456.9' in 3462/7'	1 BCPAlles
	W Yorr Va
	te No. JOHN WE WEST. 676
	RONALD & ERESON, 3238
	C CARY S TONES. 1917
0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0	925511P11-1837





United States Department of the Interior

BUREAU OF LAND MANAGEMENT New Mexico State Office 1474 Rodeo Rd. P.O. Box 27115 Santa Fe, New Mexico 87502-7115



3160(067) NM-0405444

CERTIFIED--RETURN RECEIPT REQUESTED P 696 486 619 **SEP - |** 1992

Devon Energy Corporation Attention: Chuck Horsman 1500 Mid-America Tower 20 North Broadway Oklahoma City, Ok 73102-8250

RE: Todd "23" Federal Well No. 5 NM-0405444 660' FSL & 2050' FEL, Sec. 23, T23S, R31E Eddy County, New Mexico

Dear Mr. Horsman:

On May 7, 1992, this office received an Application for Permit to Drill (APD) for the above referenced well location. This location falls within the designated Secretary's Potash Area as defined in 1986 Order.

Considerable time has been spent evaluating the physical characteristics of the ore body and the feasibility of economically mining potash in the subject area. A mineralogical evaluation of the various ore zones in the area leads us to conclude that the well site is located within a "Potash Enclave". Therefore, the drilling of this well may result in undue waste of potash.

In accordance with the 1986 Secretary's Order, the APD can not be approved at the present location. Therefore, your APD is returned unapproved. However, a well could possibly be obtained by drilling directionally from an existing producing well located on the same lease, the Todd "23" Federal Well No. 1.

This decision was given serious consideration by the Bureau of Land Management (BLM), regrettably it may have an adverse impact to your company. Therefore, and in accordance with 43 CFR 3165.4, you may appeal this decision to the Interior Board of Land Appeals according to the procedures outlined on the enclosed Form 1842-1. Please contact Tony Herrell at (505) 887-6544 if you have any further questions.

Sincerely,

Larry L. Woodard State Director

2 Enclosures: 1 - Form 1842-1 2 - APD's (5 copies)



anted States Department of the Interior

TVENEDARA GALLAO DARISE

<การจะปลามการสาย

116010817 4442840-398 ion - Brien Prod Crito 1974 Roxdeo Roi 2001 Box 27115 Santa Fe, New Moxico 37642 7115

TATE OF COMPANY NON STREET

1 - 932

BERST RE CONTRACTOR CONTRACTOR 32940 (1992) - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000

• * * * *

rre – Code 7 JT Re**detas Rell** Ros I Low Cosside Low Cosside Coll, **Sec**r 22, d170, R012

An a star a s

cocile were started to the

o sentendo como ese bran event evento due consuret constrato o subconstructo o sub-la resentatión de eventation due constrato constructo do subconstructo o sub-la resentatión de talacturo da constructo do ante do constructo de eventes evente estas en la constructe que constructo do constructo o trates en care en la constructe de constructo do constructo do constructo o trates en care en la constructión de constructo do constructor do constructo de la constructor de constructor de constructor de constructor do constructor de constructor de constructor de constructor de constructor do constructor de constructor

control disc (all a way given seriors duraistrate in as the Burean will Luna or assument about a result to the may acres of solver as arranged a control company, all Luna or at or even a processance with 49 COR IISO.1. and at spear infin decision to and a result of the solution decision according or the control and set info action is the the solution appears according or the control and solution and an action as a the control appears according or the control and a sets action as a the control appears according to a the control and a sets action as a the control appears according to the control according to a sets action as a the control according to a the control according to a sets action as a set of the control according to a the control according to a sets.

S. CORCELY. brabbo ... your I THE SEAL OF STE

1999年には1997年1月 1日第二日 - 1999年1日 1月1日 - 19月日 - 19月日 - 19月日

SURFACE USE AND OPERATING PLAN

Attachment to Form 3160-3 Devon Energy Corporation Todd "23"OFederal #5 1800' 2050" FEL & G60" FSL 795' Section 23-T23S-R31E Eddy County, New Mexico

- 1. <u>Existing Roads</u>:
 - A. The well site and elevation plat for the proposed Todd "23" Federal #5 is reflected on Exhibit #2. It was staked by John West Engineering Company, Hobbs, New Mexico.

14 1 4 1 W

- B. All roads into the location are depicted in Exhibit #3. The existing lease road in section 23 to the Todd "23" Federal #1 well will be used to access the location. No upgrades to roads other than the access into location from the Todd "23" Federal #1 wellsite will be necessary.
- C. Directions to location: Travel west-northwest from Jal, N.M. approximately 35 miles on state highway #128 to county road #798, just into Eddy county from Lea county. Turn north (right) on county road #798 and travel approximately 2.0 miles to the Todd "23" Federal #1 entry road. Turn west (left) on the lease road and go 0.375 miles then turn north to the #1 wellsite and continue roughly 200' west into location.
- 2. <u>Proposed Access Road</u>:

Exhibit #3 shows the 200' of new access road to be constructed. It will be constructed as follows:

- A. The maximum width of the road will be fifteen (15) feet.
- B. It will be crowned and made of 6 inches of rolled and compacted caliche. Water will be deflected, as necessary, to avoid accumulation and prevent surface erosion.
- C. Surface material will be native caliche. This material will be obtained from a BLM approved pit nearest in proximity to the location.
- D. The average grade will be approximately 1%.

MANT DELTATES ON SEATTING FLAM

.

Todd *22* Federal #5. *2050* IVI - 560*: 791 30:5102 - 10 - 7828-RE18 A COLUMN TO A C

Elsting Roads: . . .

The well site and elevation plat for the proress That A "23" Tedaral 13 is reflected on Exhibit #2. staked by John Nest Engineering Company, Stiller Leve Maxico

an an th

- es estate interstie location are derected in Sub- estate . . E 11. Li saz oz 11 avizera ni bar sezel warzerne s.T Sederal #1. well. will be used to access includes the line of the sederation of the sederation of the second to th
- Derections to Mocation: Travel wast-morningsto from a line and the sector from .0 approximately 2.0 miles to the Codd "23" Federan road. Turn west (Left) on the lease road and of wiles then turn north to the 41 wellsite and 1100 miles roughly 200' west into location.

FORON EREDTA LARGER A

se of rect estimate the 2001 of the stokes the redeter : Ewolich as becomdenoo ed iliw fi . hestardenco

- The maximum width of the read will be fifteen - 4
- It will be crowned and made of 5 inches of 1112 . 8 compacted calidhe. Water will be deflected. 22 necessary, to avoid accumulation and prevent sumface . NOISOIS
- Aurface macerial wall be nacive caldone. This received will be obtained from a SLM sportoved pit manuser in proximity to the location.
 - The average grade will be approximately 14. . .

Sec. 1. Sec. 1.

- E. No cattleguards, grates or fence cuts will be required.
- F. No turnouts are planned.
- G. The proposed access road as seen on exhibit #3 has been center line flagged by John West Engineering Company, Hobbs, New Mexico.

3. Location of Existing Wells:

Exhibit #4 shows all existing wells within a one-mile radius of the proposed Todd "23" Federal #5. There are eight producing Delaware oil wells, three inactive Delaware oil wells, one producing Atoka gas well, one producing Morrow gas well, one producing Morrow/Atoka gas well and one Delaware injection well. A list of the wells is depicted on exhibit #4 attachment.

- 4. Location of Existing and/or Proposed Facilities:
 - A. Devon Energy Corporation operates three production facilities on this lease in section 23. They are as follows:

Heater Treater & Tank Battery (Delaware) Wells #1 & #2

Heater Treater & Tank Battery (Delaware) Wells #4

High Pressure Separator - T-Pak (Atoka/Morrow) Well #3

- B. In the event the well is found productive, the probable production equipment will be as follows:
 - a. Production facilities as outlined on exhibit #5 will be positioned on the drilling pad or, pending working interest approval, on one of the existing lease production sites in section 23. The area of the new production site, if necessary, will be roughly 200' x 250'.
 - b. The tank battery, all connections and all lines will adhere to API standards.
 - c. The well will be operated by means of a gas driven prime mover. No electrical power will be required.

eres el contraction de la contraction de de la contraction de l de la contraction de la de la contraction de la contract

- the relation of first south states an estate (sprathermore of the super-
 - .beansig.era.assense ob
- ing proposed access shad as sawn on exiting 50 har be notes line flagged by John West Englacentag linghal Libe, liew Mexicon

ELEW ETTERNING

- A. Ceven Emergy Comportation sparsels that a block of the second states of the second seco
 - Soutor Treater & Conk Jestary (Signal) Nella 40 % #4
 - Restor Freedor & Tank Buttery (Delawals). Reitz (**
 - iigh Fressus Separator Volok Conta Morran^{f.} Naith Fressus
- . In the event the well is found productive, the production production equipment will be as follows:
- Production facilities as cutified on exhibits
 will be positioned on the drilling had or, jension
 working interset approval, an one of the start of lease production sites in section 22. The arcs of the new production site, if necessary, will be roughly 2001 x 250'.
- b. The suck battery, all connections and all lies will will withered.
- e. Mee well will be operated by means of a gas and -e prime mover. No electrical yover will be required.

- d. Any caliche required to build the firewall around the battery will be obtained from a BLM approved caliche pit.
- D. If the well is productive, rehabilitation plans are as follows:
 - a. The reserve pit will be back-filled after the contents of the pit are dry (within 120 days after completion, weather permitting).
 - b. Caliche from unused portions of the drill pad will be removed. The original topsoil from the wellsite will returned to the location. The drill site will then be contoured to the original natural state. Reseeding will be to BLM specifications.

5. Location and Type of Water Supply:

The Todd "23" Federal #5 will be drilled using a combination of brine and fresh water mud systems (outlined in drilling program). The water will be obtained from commercial water stations in the area and hauled to location by transport truck using the existing and proposed roads shown in exhibit #3. Additionally, produced lease salt water from lease gathering tanks may be utilized. No water well will be drilled on the location.

6. <u>Source of Construction Materials</u>:

All caliche utilized for the drilling pad and proposed access road will be obtained from a existing BLM approved pit. All roads will be constructed of 6" rolled and compacted caliche.

7. <u>Methods of Handling Water Disposal</u>:

- A. Drill cuttings will be disposed into the reserve pit.
- B. Drilling fluids will be contained in steel mud tanks. The reserve pit will contain excess drilling fluid or fluid from the well during drilling, cementing, and completion operations. The reserve pit will be an earthen pit roughly 125' x 125' x 6' in size.

ra de constructions NAIS INTRACO COA COS STAN NA

____Đ/_`

c. Why chaice required to build the firsual: around the ratiery will be obtained from a BLM approved analysis.

. de weit 19 productive, renachtictich plans are se

.... The reserve pit will be back-filled after all constants if the pit are dry (within 120 days chose completion, seather permitting).

Lalicke trom mussed portions of the drial tes wall of renoved. The original topool from the velocity will recorred to the location. The drill site will the to concoured to the original catural state. Asserting will be to all special att at.

A CHARTER SO GIVE DIF STATES

(1) Sold 700 Federal 48 will be drill a cathrony a contraction of sold will freen excess mut symmetry orthony contents, sold program, a side excess and sached sold with contraction with and a content value for a cathrony content, and a sold sold the excess and sached to accord a by athress or curve sold sold and the excess and reacted to accord a by athress or sold sold the excess and reacted to accord a by athress or sold sold by attraction of the excess and the sold for any content, produced a set of a set which is and a sold the sold sold by attraction of a set of a set of a set of a sold of a sold by a set of a set of a set of a set of a content of the set of a set of a set of a set of a set of any of a set of a set

erobe beequiling and led purified should be the solution eros is a for the contract provinger Mill variations a mouth periford of the teor contract period and the teor of the follow and the solution

. ENGRESS CRISTING IN THE FREE TRANS

- A. Lottle caseings will be disposed to us the reserve pit.
- Driving fluids whit he contained in steel mud tanks. Whe reserve rit will contain ancess drilling fluid or thund from the well curing drilling, cementing, and complecton crassions. The reserve pit will be in earthen pit roughly 125: x 105; x 6; in size.

Ē

- C. The reserve pit will be fenced on three sides throughout drilling operations and will be totally isolated upon removal of the rotary rig. The pit will be lined using a 5-7 mil plastic to minimize loss of drilling fluids and saturation of the ground with brine water used to drill from 850' to 4400'.
- D. Water produced from the well during completion operations will be disposed into a steel tank or reserve pit, if volumes prove excessive. After placing the well on production through the production facilities, all water will be collected in tanks and injected into the Todd "26" Federal #3 disposal well. Produced oil will be separated into steel stock tanks until sold.
- E. A portable chemical toilet will be available on the location for human waste during the drilling operations.
- F. Garbage, trash and waste paper produced during drilling operations will be collected in a contained trailer and disposed at an approved landfill. All waste material will be contained to prevent scattering by the wind. All water, fluids, salt or other chemicals will be disposed in the reserve pit. No toxic waste or hazardous chemicals will be generated by this operation.
- G. All waste material will be removed within 30 days after the well is either completed or abandoned. The reserve pit will be completely fenced until it has dried. At the point the reserve pit is found sufficiently dry, it will be backfilled and reclaimed as outlined by BLM specifications. Only the portion of the drilling pad used by the production equipment (pumping unit) will remain in use. If the well is deemed non-commercial, only a dry hole marker will remain.

8. <u>Ancillary Facilities</u>:

No campsite or other facilities will be constructed as a result of this well.

TIT COUNTERAL #500 STRONGS USE AND DEBRATING FLAN ALL 4

- The reserve pit will be denoted on three sider throuthout doiling operations and will be totally donated unit removal of the rotary rug. The pit will be lined using the of the rotary rug. The pit will be lined using ontwration of the ground with brine water used to doubl from 950 toto 4400 to
- Water produced from the well during completion of staticns will be disposed into a sesse tank of reserve point volumes prove excessive. After placing the second production through the production facility of and will be collected in tanks and inperied into the second fact states should be well. Product of the contact fact states and inperied the second contacted into state should bridge in the contact into the second books until 1000 and the contact into the second books until 1000 and the second contacted into state should books until 1000 and the contact into the second books until 1000 and the second contacted into state should books until 1000 and the second contacted into state should book until 1000 and the second contacted into state should book until 1000 and the second contacted into state should book until 1000 and the second contacted into state should book books until 1000 and the second contacted into state should book books until 1000 and the second contacted into state should book books until 1000 and the second contacted into state should book books until 1000 and the second contacted into state should book books until 1000 and the second books until 1000 and the second books books until 1000 and the second book books until 1000 and the second books books until 1000 and the second books books books until 1000 and the second books book
- (... Soringe, jrask and respersiver products inclus of Sono operations whill be operated in a controlined that is directed at an approval lancatill. While where another while be contained to prove of the sector form operate while is contained to prove of the sector is a control where the reserve prove of the sector of the sector of the complete while be gottened to contain the contained of complete while be gottened to contain the contained.
- All wasts material will as complete solution 10 chois and a trade off is estimat range and at at at at an antiput (it off) opto will be completely functed water it has created at a tradition completely functed water it has created at the fraction the rest of a for water and a solution is a fraction off, and contract with tradition and the fraction and the contract of the contract and the production water at a statement of the rest of the production water at a statement of the rest of the production water at a statement of the rest of the production will a statement at a statement or rest of the production will a statement.

BRATHSON STELLONG .8

to campairs or prime davilient while be consumeded as the casual of thes well.

9. <u>Well Site Layout</u>:

- A. The drill pad is shown on exhibit #6. Approximate dimensions of the pad, pits and general location of the rig equipment is displayed. Top soil will be stored adjacent to the pad until reclamation efforts are undertaken. Only modest cuts will be necessary to build the pad which will be covered with 6" of compacted caliche.
- B. No permanent living facilities are planned, but temporary trailers for the toolpusher, drilling foreman and mud logger may be on location throughout drilling operations.
- C. The reserve pit will be lined using plastic sheeting of 5-7 mil thickness.

10. Plans for Restoration of Surface:

- A. After concluding the drilling and/or completion operations, if the well is found non-commercial, the caliche will be removed from the pad and road and transported to the original caliche pit or utilized for other drilling locations. The reserve pit area will be broken out and leveled after drying to a condition where these efforts are feasible. The original top soil will again be returned to the pad and road and contoured, as close as possible, to the original topography.
- B. The pit lining will be buried or hauled away in order to return the location and road to their pristine nature. All pits will be filled and location leveled, weather permitting, within 120 days after abandonment.
- C. The location and road will be rehabilitated and reseeded during the growing season as recommended by the BLM.
- D. The reserve pit will be fenced on three sides throughout drilling operations. After the rotary rig is removed, the reserve pit will be fenced on the fourth side to preclude endangering wildlife. The fencing will be in place until the pit is reclaimed.

- ELOVAL SALE SLOW
- interit pad is shown on embilite #5. Approximate intering of the made prosection of the intering the deplayed. Top still while it access intering to the pad until reclamation efforts we employed. Only modest cuts will be necessary to build all pat which will be necessary to build

 C. Stateste pie will be lined using placate scales of C. Statesters.

a ser a la companya de la companya de la serie de la companya de la companya de la companya de la companya de l A serie de la companya de la companya

- c) en concluding the drabiney and concernancial.
 c) encoded if the well is fruid non-commercial.
 c) constructed the removed trans the part that the construction of the
- B. With the length will be burked for the Ld evay in friends to which the location and read to their printram there. The standing will be filled and hereton levelod, weather providents, within 100 days alles asarisment.
- 1. See location and read will be relatificated and research increase the growing search as reconnended by the RLM.
- This recenve pit will be fouced on three sides throughout doublong operations. Attes she was received, the reserve pit will be tended on the fourth sude to product andering wildlife. The foucing will be in others wheth the pit is redicted.

E. If the well is deemed commercially productive, the reserve pit will be restored as described in 10 (A) within 120 days subsequent to the completion date. Caliche from areas of the pad site not required for operations will be reclaimed and utilized in building the firewall at the tank battery site, if required. If any additional caliche is needed at the new battery, it will be obtained from the nearest BLM approved cliche pit. The original top soil will be returned to the area of the drill pad not necessary to operate the well. These unused areas of the drill pad will be contoured, as close as possible, to match the original topography.

11. <u>Surface Ownership</u>:

The lease and wellsite are located on Federal surface.

12. Other Information:

- A. The area surrounding the well site is grassland. The top soil is very sandy in nature. The vegetation is moderately sparse with native prairie grass, sagebrush, yucca and miscellaneous weeds.
- B. There is no permanent or live water in the general proximity of the location.
- C. A Cultural Resources Examination has been completed by Pecos Archeological Consultants and forwarded to the Carlsbad, New Mexico BLM office. The report references no cultural areas on either the access road or drilling pad.

en de la compañsión de la La compañsión de la compañs La compañsión de la compañs

. 2

- Cd rng welk is deemed commercially providers, and commercially provide a state of the second of the commercial days produced at a state the completion with commercial days produced of the part of the the restance of commercial definition and the part of the the restance of commercial definition and the commercial of the commercial definition of the commercial days of commercial days and the restance of the restance of continued dread at the restance of the restance in the constrained from the restance of the restance contine pair of the restance of the restance of contine pair of the restance of the restance of the contine pair of the restance of the restance of the contine pair of the restance of the second of contine of the restance of the second of contine of the restance of the restance of the contine of the restance of the restance of the restance contine of the the restance of the second of contine of the restance of the restance of the restance contine of the restance of the restance of the restance contine of the restance of the restance of the restance contine of the restance of the restance of the restance of contine of the restance of the restance of the restance of contine of the restance of the restance of the restance of contine of the restance of the restance of the restance of contine of the restance of the restance of the restance of the restance of contine of the restance of t
 - and the second second

e e e esta ser en la frecerce ente sourceles pues que é con

- ... e toge surrounding the sele site, he notseled the former of the solution o
- Soultsumm Ressources Exploitseters tost been off officieles of events Ascheologital Consultant tates for fourtaires of the contact of the rest of Bile College and the report of the contact of a return of Bile College trades of a second to return the aretime of Bile Tobe trades of the second to return.

13. Lessees's and Operator's Representative:

The Devon Energy Corporation representative responsible for assuring compliance of the surface use plan is:

Chuck Horsman District Engineer	Roy Henson Production Foreman
Devon Energy Corporation 1500 Mid-America Tower 20 North Broadway Oklahoma City, Oklahoma 73102-8250	Devon Energy Corporation P. O. Box 372 Monahans, Texas 79756-9977
Phone:	

(405)	235-3611	(Office)	(915)	943-3952	(Office)
(405)	348-5964	(Home)	(915)	943-4759	(Home)

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access road; that I an familiar with the conditions that presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Devon Energy Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Date: 5/4/92

Signed: Kart W

Charles W. Horsman District Engineer

TOTO TO THE AREAL #1 SUPPLY USE AND OPERATING FLAM USE V

13 Lesseer's and Operator's Representative:

Sector Contractor

Roy Anason Production Forenal	Discrict Esgineer
Deven Energy Corporates D. O. Ecm 172 Monahans Texas 79756-9977	Devon Energy Corporation 1500 Mid-America Tower 20 Norch Broadway Chishema City, Okiahema 73102-8250
(ate)	Chone: (405) 235-3511 (05%ice)

(403) 233-2511 (UITIGE) (9110) 942-7258 (1010) (915) (915) (9155 100)

I hereby certify that I, or parsons mater for a subscentration, have inspected the process durinates and weld that the statements made in which weld the second exist; that the statements made in which weld the second of my knowledge, true and correct; and thet of a solutassociated with the corrections proposed hereby will the subconcredents in this plane will the subsubconcredents in approved.

The states

States : Same

Charles W. Horsman

District Engineer

DRILLING PROGRAM

Attached to Form 3160-3 Devon Energy Corporation Todd "23" Federal #5 2050' FEL & 660' FSL Section 23-T23S-R31E Eddy County, New Mexico

1. <u>Geologic Name of Surface Formation</u>:

Permian

2. <u>Estimated Tops of Important Geologic Markers</u>:

Rustler	785'
Top of Salt	1080'
Base of Salt	4180'
Bell Canyon	4410'
Cherry Canyon	5329'
Brushy Canyon	6973'
First Bone Spring Lime	8220'
Total Depth	8350'

3. Estimated Depths of Anticipated Fresh Water, Oil or Gas:

Upper Permian Sands	Fresh Water	
Delaware	4410'	Oil
Delaware (Cherry Canyon)	6010'	Oil
Delaware (Brushy Canyon)	8025'	Oil

No other formations are expected to yield oil, gas or fresh water in measurable volumes. The surface fresh water sands will be protected by setting 13-3/8" casing at 850' and circulating cement back to surface. Potash and Salt will be protected by setting 8-5/8" casing at 4400' and circulating cement to surface. The Delaware intervals will be isolated by setting 5-1/2" casing to total depth and circulating cement above the base of the 8-5/8" casing.

f

A STREET STRE

and the second sec

an a	1 and the state
1 2 4 2 2	
	JOYNE WITH HIL
and the second se	an a
10 State	ದೆ ಪರ್ಧಣ್ಯ ಬಿಸಲಾಗಿಗೆ

ne de la constante de la consta Notas de la constante de la cons		
	6161 61216 6325	2000 A sau : 1949 a sire - Chargy Convent 1950 Amris - Sinsky Canyon) -