	JPEH. UGHID NU	). 1886	L	ION	
·	PROPERTY NO.	/3189	0	<b>14</b>	
Form 3160-3 (July 1992)	POOL CODE	_ 59 4 7	× ;;;;;	FORM APF OMB NO. 1	ROVED
UNITE DEPARTMENT	OEFF. DATE	3/20/4	15	Expires: Febru	ary 28, 1995
	AAPINO 30-0	)25-22-	277-	5. LEASE DESIGNATION	AND SEBIAL NO.
APPLICATION FOR PE		33	590-	NM-89820 C. IF INDIAN, ALLOTTE	N OB TRIDE
Ia. TYPE OF WORK					D OR THIRE NAME
DRILL X	DEEPEN			7. UNIT AGREEMENT N	AMB
OIL GAR WELL OTHER	81N( 20N			8. FARM OR LEASE NAME, WE	
Ray Westall				Tonto Feder	al #2
3. ADDRESS AND TELEPHONE NO.				9. API WELL NO.	
Box 4 Loco Hills NM 882		577-2370		10 PIELO AND POOL, C	R WILDCAT
4. LOCATION OF WELL (Report location clearly and in At surface 660' FML & 1980' FS		te requirements.*)		Tonto Delaw	are
At proposed prod. zone	1. /			11. SEC., T., R., M., OR I AND SURVEY OR AR	BLK.
Same	Unit T			sec 12-T19S-	
4. DISTANCE IN MILES AND DIRECTION FROM NEARES	T TOWN OR POST OFFICE			12. COUNTY OR PARISH	
20 miles south east of .				Lea	NM
LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 660 (Also to nearest drig. unit line, if any)	16. NO. 4 32	OF ACRES IN LEASE		HIS WELL 40	<u></u>
18. DISTANCE FROM PROPOSED LOCATION <sup>®</sup> TO NEAREST WELL DELLUNG COMPLETE		OSED DEPTH		RT OR CABLE TOOLS	······
OR APPLIED FOR, ON THIS LEASE, FT.		/800	Rota	_	
	3641 GR.	(S-	13	22. APPROX. DATE WOR ASAP	K WILL START*
3. 	ROPOSED CASING AND C	EMENTING PROG	RAM		
SIZE OF HOLE GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	<u> </u>	QUANTITY OF CEMEN	T
$\frac{12 1/4}{7 7/8} = \frac{8 5/8 J-55}{5 1/2 J-55}$		500	350	sxs "C" <u>Ci</u>	rculated
7 7/8 5 1/2 J-55 New	15.5 LTC	7800	700	sxs "H" 1st	stage (
				0 sxs lite 2 ith DV tool a	nd stage
					10 0900''
HIS IOCATION TAKE OFFERE	Y APPROVED O	N 9/10/93	(now er	xpired)	10 PP9
THIS LOCATION WAS ORIGINALI					A
	filled with f	resh wate:	r, prodı	action hole w	vith 'brin
The surface hole will be dr 10" 900s BOP will be inst	called on the	8 5/84 0			
	called on the	8 5/84 0			
The surface hole will be dr 10" 900s BOP will be inst prior to drill out of the 8	called on the 3 5/8" casing	8 5/8" ca •	asing ar	nd tested to	
The surface hole will be dr 10" 900s BOP will be inst prior to drill out of the 8 f well is productive the 5	alled on the 5/8" casing	8 5/8" ca	asing an cemented	nd tested to	3,000#
The surface hole will be dr 10" 900s BOP will be inst prior to drill out of the 8	alled on the 5/8" casing	8 5/8" ca	asing an cemented	nd tested to	3,000#
The surface hole will be dr 10" 900s BOP will be inst prior to drill out of the 8 f well is productive the 5	alled on the 5/8" casing	8 5/8" ca	asing an cemented	nd tested to	3,000#
The surface hole will be dr 10" 900s BOP will be inst prior to drill out of the 8 f well is productive the 5	alled on the 5/8" casing	8 5/8" ca	asing an cemented	nd tested to	3,000#
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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

(July 1989) (formerly 9-33	3 31C)	UNITED	BLM Rom	BLM Roswell District Hodified Form No.			
, , ,		PARTMENT O	F THE INTERIOR	Otber Instruct reverse sig	de)	ND60-3	1 Form No. 160-2
			D MANAGEMENT	1			UNATION AND SERIAL NO.
APPLIC	ATION FO	R PERMIT TO	DRILL, DEEPEN,			NM-89	820
In. TYPE OF WO			DRILL, DEEPEN,	OR PLUG B.	ACK	U. IF INDIAN,	ALLOTTER OR TRIBE NAME
b. TIPE OF WE OIL WELL XX	048	ſ	DEEPEN	PLUG BAC	к 🗆	7. UNIT AGRE	EMENT NAME
2. NAME OF OF	WELL	OTHER	81N01.8 Zons	XX RULTIPL		8. FARM OR L	FASH NAME
Ray Wes	tall DERRATOR			3n. Aren Code & 1 (505)677-2	· · · · ·	9. WELL NO.	Federal
Box 4 L	oco Hills	<u>NM</u> 88255					2
At surface	well (Report loce	ation clearly and in acc	ordance with any State re	cquirements.*)		- ·	POOL, OR WILDCAT
At proposed	060' FEI, 8	& 1980" FSL,			×		Delaware
4. DINTANCE IN	Same	TION FROM NEAREBT TO			•	Section	12
20 mile	as South t	JOG FROM NEAREBY TO	WN OR FOST OFFICE			T195-R32	PARINE 13. STATE
		lest of Loco	Hills	CRES IN LEASE	17	Lea	
(Also to uen	NEAREST LLASE LINE, FT. Arest drig, unit line IOM PROFOSED LOCA	e. If any ,660	320		TU T	DE ACRES ASSIGN	D
TO NEAREST	WELL, DRILLING, C R, ON THIS LEASE, F	TION* OMPLETED,	19. TROPOSED	DEPTH	20. ROTA	40 RI OR CABLE TOU	1.0
ELEVATIONS (S	Show whether DF, J	T. 1320	770	00		ary	
3641 Gr.		Cenitan Controlle	191		22. AFPROX. DATE WORK WILL START*		
······································		PPOPO				ASAP	
HOLE SIZE	CASING SIZE		SED CASING AND CEME	NTING PROGRAM			
2 <sup>1</sup> / <sub>4</sub>	8.5/8	MEIGHIT/FOOT	GRADE	THREAD TYP	PE	BETTING DEPTH	QUANTITY OF CEMENT
7 7/8	51 :		1-55	<u> </u>		450500	350 circulat
		•		8_rd		7700	1400 circula
∍ propos	se to dri:	ll the surf-	l	1			
			I ace hole with led on the 8			nd tested	
			I ace hole with led on the 8				
							to 6,000# S 3,000 #
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10" 900 rior to	Os BOP wij drill out	ll be instal	led on the 8.	5/8" casi;	ng ar		to 6,000# SEP RECEIVED
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es it a crime for any person knowingly and willfully to make to any department or agency of the

Bar 1890, Holds, NM. 8220       P.O. Box 2083         Santa Fc, New Mexico 37504-2088         Santa Fc, New Mexico 37504-2088         Bistor Rd, Asse, NM. 8710       WELL LOCATION AND ACREACE DEDICATION PLAT All Distances must be nom the under boundradios of the section         Ray Westall, Operator       Caser         I Clairer       Scion         Torito Federal       All Distances must be home the under boundradios of the section         I Clairer       Scion         I clairer       Scion         I control       Food Clairer         I clairer       Scion         I contine the scouth       Ine and         Mexico Scion       Torito         I contine the arrenge acticated to the while well by colored pencil on the due restly thereof (beth set to working interest and royality).         3 If more than one face of differed whenelip is difficult to the well, where the interest of all owners been consolidated by communitization.         I wave is into filts the owner the differed whenelip is difficult to the set spreaded of the set unit all interest. have set and royality).         3 If more than one face of differed whenelip is difficult to the set unit all interest. have set any restrict do row challing is of rowality on the set any restrict of the set unit all interest, have set any restrict on the best of rowality.         Yest       North one stand due testriptical to the well unit all interest have aprovided by the Division.	n Lease - 3 copu	c	0		TRVATI	ייזם אס				
1000-000 p. Anciel, NM 18210       WELL LOCATION AND ACREAGE DEDICATION PLAT All Distances must by hom 8 is outer boundaries of the section         International States (ML 1000 per abor)       Lass       Val (ML 2000 per abor)       2         International States (ML 1000 per abor)       Lass       Tonto Federal       2         International States (ML 1000 per abor)       Lass       Constry Leas       2         International States (ML 1000 per abor)       Lass       Constry Leas       2         1980       Fed from the South       Lies and 660       fed from the South       Lies (ML 1000 per abor)         1980       Producing Formation       Foot (Lin + Tonto 0)       Default de Amages (ML 1000 per abor)       10         1 Outline the strenge defaulted to the will contine each tas identify the overship fieldschaft (Lin + south task identify the overshift (Lin + part south tasouth task identify the overshift (Lin + part s	STRICT J U. Box 1980, 11c	bbs, NM 88240	0				131014			
HECLING       WELL LOCATION AND ACREAGE DEDICATION PLAT All Distances must be hom the outer boundaries of the section         Rev       National Street		•		Santa Fe, I	New Mexico	o 87504-20	88			
18 Bits Faust Rd., Aace, NM EXAD       THELE LOCATION AND ACREACE DEDICATION PLAT         19 Bits Faust Rd., Aace, NM EXAD       AD Obtinoes multi be horn be used boundaries of bas section       12         19 Bits Faust Rd., Aace, NM EXAD       Tonto Federal       12         11 International Producting Formation       19 South       Same       County       Least         1980 feet from the South       Inter and       Food CLC HA       Food CLC HA       Defaults Amerge         10 Mine the terms defaults of the ship is tell by oddeed pendin of balant multi on the plat before.       10 Mine the terms defaults of the ship is tell by oddeed pendin of balant multi on the plat before.       10 Mine the terms default of the ship is tell by oddeed pendin of balant multi on the plat before.         1 Winer than one faire of different ownership is default to the well, have the interest of all oreans been consolidated by communication, unitization, forced posing, or observice)       Mine that accelerate and default of the well back to a default on the section of the section on the section on the section of the well back to the section of the section of the well back to the well back		Artesia, NM 88210							•	•
And Part Mestall, Operator       Case       Tonto Federal       2         I Least       Scolen       10 stadap       Anter Scolen       2         I Least       Scolen       12       19 South       32 East       MMTM       Least       2         I Podge Leaston of Welt       Be South       Be South       Be South       Geo fee from Us       East       Be South         1 Outine the respective distance of the respective well by colored pecific of budnes on the pain below.       Add Array       Array         1. Outine the respective distance on the respective on the res	DU Rio Brazos R	ld., Ллес, NM 8741						T		
Ray Westall, Operator       Tonto Federal       2         I tater       Scolar       12       19 South       Scolar       County Lea         I force leader of Vect.       Fordering formation       Forde	perator		~~~ \			r boundanes of	( the section			1993) 
Image: South       12       19 South       32 East       NM(M)       Lea         Ispont formation       Fording Formation       Fording Formation       Fording Formation       Defined A range:         1. Outline the terrape dedicated to the subject well by colored pendie the theorem mixts on the pini below.       It makes the terrape dedicated to the subject well by colored pendie theorem mixts on the pini below.       It makes the terrape dedicated to the subject well by colored pendie theorem mixts on the pini below.         2. If more than one late is dedicated to the well, have the interest of all owners been consolidated by communitation, the interest of all owners been consolidated by communitation, the interest of the owners which have thanking been consolidated by communitation, the interest of the owners which have the interest of or the owners which have the interest of or the owner which have the interest of all owners been consolidated by communitation, which have the interest of the owners, which have the interest of the owners, which have the interest of all owners been consolidated by communitation, which have the interest of the owners, which have the owners, which have the interest of the owners, which have the owners, have the interest of the owners, which have the owners, have the interest of the owners, have the interest of the best of the owners, have the interest of t	Ray Westall, Operator							1		
uii Footsge Location of Welt.       12       19 South       32 East       MMM       Lea         1980       fee form us       South       inc       660       fee form us_c       East       inc         641       Delaware       Tonto       40       Area       40       Area         1. Oxidine the screage duicated to de schipet well by coloral pecil or fladum mixts on the pix feldew.       40       Area         2. If more than one face's duifferent ownership is decidead to the well, have the interst of all ownership theorof (both at is working interest and regalty).       1. If more than one face's duifferent ownership the edit formation multication.       40       Area         witzelfor, force pooling, cc. 1       Image to a schipe in the owners and used is conjunction which have a taually beek consolidated. (Use reverse side of the schipe in the schipe in the schipe in the owners and use it information schipe in the schipe in the owner in a schipe in the schip in the schipe in the schipe in the schipe in the schi	nit Letter	Section		,		· · · · · · · · · · · · · · · · · · ·		County	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	1. Sec. 1.
1990       feel from the South       line and line fail       660       feel from the East       line and line failer         641       Delawate formation       Delawate damage:       40       Acres         1. Outline the screage didicated to the subject well by colored pencil or hackure in such on the pix below.       2.0       40       Acres         2. If more than one taxe of different ownership is dedicated to the well, bare the interest of all owners been consolidated by communitation, and the section of the consolidated by communitation, and the section of the consolidated by communitation, and the section of the consolidated of the consolidated by communitation, and the section of the consolidated of the consolidated by communitation, and the section of the consolidated of the consolidated to the set and the description which have scheduly beet consolidated. (Use reverse tide of the consolidated damage of all section and the interest have been consolidated (try communitation, unitization, unitization, forced pooling, or otherwise) or until a non-standard unit, eliminating sech interest, has been approved by the Division.       OPERATOR CERTIFICATION I have been decouplets for the section of the interest of all owners been consolidated for or booking interest and complete to or until a non-standard unit, eliminating sech interest, has been approved by the Division.       OPERATOR CERTIFICATION I have been approved by the Division.         0       Division       OPERATOR CERTIFICATION I have been approved by the Division.       Signature of all section the main of my booking interest and complete for the base of my booking interest approved by the division of my booking interest and been as in the approvement of the base of				19 South	3	2 East	<u>NM[M</u>	L Toa		
Ideal lyon due       Ideal	-		South	line and		660	)	Fast	•	
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2. If more than one lease is dedicated to the well, outdine each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to de well, have the interest of all owners been consolidated by communitization, unitization, force pooling, etc.?  Yes No If answer is "yes" type of consolidation If answer is "or list the marit and tract descriptions which have actually been consolidated. (Use reverse aide of No altowable will be safgered to the well andi all interest, have been consolidated. (Use reverse aide of No altowable will be safgered to the well andi all interest, have been consolidated for communitization, unitizator, forced-pooling, or otherwise) or unit a non-standard mail, eliminating such laterest, have been consolidated for communitization, unitizator, forced-pooling, or otherwise)  OPERATOR CERTIFICATION If answer is and complete to its and the information Random of the well andi all interest, have been approved by the Division.  OPERATOR CERTIFICATION Random II L. Harris Random II L. Harris No altowable, and the well location sho and that the safe of my breat all the set and complete to the base of my breat all the set and complete to the base of my breat all the set and complete to the base of my breat all the set and the set a				· · · · · · · · · · · · · · · · · · ·	Tonto		•			
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Yes       No       If answer is 'yes' type of consolidation         Us never is 'no' list the owners and used descriptions which have actually been consolidated. (Use reverse add of the well used in interest, has been approved by the Diklon.       OPERATOR CERTIFICATION I Merchan the information unit almost the information unit eliminating such interest, has been approved by the Diklon.         OPERATOR CERTIFICATION       Image: the interest, has been approved by the Diklon.       OPERATOR CERTIFICATION I Merchan the information unit elimination unit elimination unit elimination.         Image: the interest, has been approved by the Diklon.       OPERATOR CERTIFICATION I Merchan the information of the information										
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bis form if the dwards and track descriptions which have actually been consolidated. (Use reverse aide of bis form in decessing. No allowable will be assigned to the well until all interests have been consolidated (by communitation, unitizator, forced-pooling, or otherwise) or until a non-standard unit, efficienting such interest, has been approved by the Division. OPERATOR CERTIFICATION 1 hereby certify that the information 2 provide will be assigned to the well unit all operations of one house the second being 3 provide and the standard unit, efficienting and the second being 3 provide an		Yes	No Ir	answer is "yes" ty	∼ of consolidat	ion				•
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## APPLICATION FOR DRILLING

Ray Westall Tonto Fed. No. 2 Section 12-T19S-R32E 1980 FSL & 660 FEL Lea County, New Mexico NM-89820

In conjunction with Form 3160-3, Application for Permit to Drill subject well, Ray Westall submits the following ten items of pertinent information in accordance with BL/M requirements:

- 1. The geological surface formation is quaternary.
- 2. The estimated tops of geologic markers are as follows: Yates 3470 Delaware 5800 Bone Springs 7600
- 3. The estimated depths at which anticipated water, oil & gas formations are expected to be encountered: Water 0-180' Oil and Gas zones listed in item #2
- Proposed casing program: See 3160-3
- 5. Pressure Control Equipment: See 3160-3 and exhibit E.
- Mud Program: Fresh water in surface hole, brine water to TD
- 7. Auxiliary Equipment: None
- 8. Logging Program: CNL/FDC/GR, DLL.
- 9. No abnormal pressures or temperatures are anticipated. Est.  $BHP \doteq 3600 \ Psi \ / EST \ BHT \doteq 125^\circ F$
- 10. Anticipated Starting Date: As soon as possible. Dimation: 12 days drlg. 5 days compl.

C1S

## MULTI-POINT SURFACE USE AND OPERATIONS PLAN

RAY WESTALL Tonto Federal No. 2

This plan is submitted with form 3160-3, Application for Permit to Drill, covering the above described well. The purpose of this plan is to describe the location of the proposed well, the proposed construction activities and operations plan, the magnitude of surface disturbance involved, and the procedures to be followed in rehabilitating the surface after completion of the operations, so that a complete appraisal can be made of the environmental effect associated with the operation.

1. EXISTING ROADS.

Exhibit A is a portion of a county road map showing the roads in the vicinity of the proposed location.

2. PLANNED ACCESS ROAD.

The location is adjacent to the main road no access road is necessary DIRECTIONS.

Proceed west from Loco Hills to state road 529. Go easth approximately 7 miles, turn south 9 miles, turn east 5 mile then north 1 mile, turn west 1/4 mile.

3. LOCATION OF EXISTING WELLS.

There is no existing wells on this 40 acres.

4. LOCATION OF EXISTING/OR PROPOSED FACILITIES

There is production facilities on the lease located on Tonto Fed No.1 location in the NWSE Section 12. A 3" poly flow line and a 4 phase power lines and poles will be routed along the existing right of way paralleling the road.the Federal 12#1 location.

5. LOCATION AND TYPE OF WATER SUPPLY.

It is planned to drill the proposed well with a brine water system. The water will be obtained from commercial sources and will be hauled to the location by truck.

6. SOURCE OF CONSTRUCTION MATERIALS.

The location and road will be hauled in from an approved caliche pit.

## 7. METHODS OF HANDLING WASTE DISPOSAL.

- A. Drill cuttings will be disposed of in the reserve pit.
- B. Drilling fluids will be allowed to evaporate in the reserve pits until the pits are dry.
- C. Produced water during operations will be stored in reserve pits until dry.
- D. Oil produced during operations will be stored in tanks until sold.
- E. Current laws and regulations pertaining to the disposal of human waste will be complied with.
- F. Trash, waste paper, garbage and junk will be stored in a wire cage preventing blowing or scattering by the wind. After drilling and completion all waste will be removed to an approved site.
- 8. ANCILLARY FACILITIES

None required.

9. WELLSITE LAYOUT.

Exhibit C shows the relative location and dimensions of the well pad, the reserve pits, a 400' X 400' area has been staked and flagged.

- 10. PLANS FOR RESTORATION OF THE SURFACE.
  - A. After finishing drilling and completion operations, all equipment and other material not needed for further operations will be removed. The location will be cleaned of all trash and junk to leave the wellsite in as aesthetically pleasing a condition as possible.
  - B. Unguarded pits, if any containing fluids will be fenced until they have been filled.
  - C. If the proposed well is non-productive, all rehabilitation and or vegetation requirements of the BLM and USGS will be complied with and will be accomplished as expeditiously as possible. All pits will be filled and leveled within 90 days after abandonment.



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SUZBS.

## 11. OTHER INFORMATION.

- A. Topography: The land surface in the vicinity of the wellsite is sandy loam soil.
- B. Flora and Fauna: The vegetation cover consists of prairie grass. greasewood and miscellaneous desert growth. No wildlife was observed, but wildlife in the area probably includes those typical of
- semi-arid desert land. The area is used for cattle grazing
- C. There are no ponds, lakes or rivers in the area.
   D. There are no inhabited dwelling in the vicinity of the proposed well.
- E. Surface Ownership: The wellsite is on federal surface.
- F. Evidence of archeological sites has been reported and previously filed.
- 12. OPERATOR' REPRESENTATIVE

Ray Westall P.O. Box 4, Loco Hills, NM 88255 (505) 677-2370

13. CERTIFICATION.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route, that I am familiar with the conditions which 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 the operator and it's subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Randáll L. Harris



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