Form 3160-3 (November 1983) (formerly 9-331C)

## **UNITED STATES**

SUBMIT IN TRIPLICATE\* (Other instructions on reverse side)

30-045-28144

Form approved.
Budget Bureau No. 1004-0136
Expires August 21, 1007

(totaletty > dolo)	DEPARTMEN'	T OF THE	INTE	RIOR		,		s August 3	•
		LAND MANA					1		ND SERIAL NO.
APPLICATIO	N FOR PERMIT				NIIG F	ACV		78499	R TRIBE NAME
1a. TYPE OF WORK		TO DRILL,	DLLI	LIN, OK F	LUG I	ACK	-		
	RILL 🗵	DEEPEN		PL	UG BA	CK 🗌	7. UNIT AGE	EEMENT NAM	( <b>35</b> )
	GAS X OTHER			INGLE	MULTII	LE [	S FARM OR	LEASE NAME	
2. NAME OF OPERATOR	WELL OTHER		Z	ONE L	ZONE		_	al 31-1	
Morgan-Rich	nardson Operating	g Co.					9. WELL NO		
3. ADDRESS OF OPERATOR							-	#2	
P. O. Box 1		n, NM 87499	)				1	ND POOL, OR	
At surface	Report location clearly and	in accordance wi	ith any a	State requireme	ents.*)		1.		and Coal
	.610' <del>FSL</del> , 1190'		i)				11. SEC., T.,	R., M., OR BLI VEY OR AREA	£.
At proposed prod. zo	Same						L 15. TO	28N, R8W	NMPM
14. DISTANCE IN MILES	AND DIRECTION FROM NEA	REST TOWN OR POS	T OFFIC	E.		<del></del>		OR PARISH	•
15 mile	s from Blanco,	MM					San Ju	1	NM
15. DISTANCE FROM PROF LOCATION TO NEARES	BT		16. NO	O. OF ACRES IN		17. No.	OF ACRES ASSI	GNED	<del>- · · · · · · · · · · · · · · · · · · ·</del>
PROPERTY OR LEASE (Also to nearest dr	LINE, FT. lg. unit line, if any)			2320 15	30.26	10 1	$\omega$	320	
18. DISTANCE FROM PRO TO NEAREST WELL,	DRILLING, COMPLETED,		19. PB	OPOSED DEPTH		_	ARY OR CABLE T	COOLS	
OR APPLIED FOR, ON TH	·	<del></del>	<u> </u>	2500'		Ко	tary		
21. ELEVATIONS (Show WI	10	gogatik (* 1862) Geografia	, (T	1 (#55.6 <mark>)</mark>				n as pe	WILL START
23.	A STANDARD CONTRACTOR	- CZRT-1 1/1 400 400 T		1.	<del></del>				
	***	PROPOSED CAS	ING AND	CEMENTING	PROGRA				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER F	тоот	SETTING D	ЕРТН	!	TO COMPLE		
12 1/4"	8 5/8"	24 #		240'			sx (cemer		
7 7/3"	5 1/2"	15.5#		2500'		400	sx (cemer	t to su	rface)
(				\ /			DE	EI	EM
	TIGHT HO	LE. PLEASE	KEEF	ONFINE	NTIAL.	)	IVI - "		/ <b>6</b> 5
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ΝE	CEIVED							IST. 3	/
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JU!	L 0 2 1909	"Appr				1 (Cons	5		
BUREALLOF	LAND MANAGEMENT	nes w	75.4° 1.45.		- * · · · · · · · · · · · · · · · · · ·	192			
FARMINGTO	ON RESOURCE AREA								
N ABOVE SPACE DESCRIBE	F PROPOSED PROGRAM : If p	roposal is to deep	en or pl	ug back, give o	lata on pr	esent prod	uctive zone an	d proposed n	ew productive
one. If proposal is to reventer program, if an	drill or deepen directional	ly, give pertinent	data o	n subsurface lo	cations an	d measure	and true vert	ical depths.	Give blowou
4.	J.				<del></del>	· · · · · · · · · · · · · · · · · · ·	·-·································		
SIGNED Bruce	2 Delven	that	LE	Agent			DATE _	June 2	5, 1990
(This space for Fede	ral or State office use)						1 200	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	<del></del>
PERMIT NO.				APPROVAL DATE .			/	e had	ions.
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APPROVED BY		тіт	LE				DATE _	ii ngga	
CONDITIONS OF APPROV	AL, IF ANY :						PALP	VM)	
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g K	0	**		J- Pavama (	S. 1	ハウ	A Stand to Livery	المراوية المراهبيركم لينيع	
•	- /	The Inches	miane (	In Kayama					

\*See Instructions On Reverse Side

Submit to Appropriate District Office State Lease - 4 copies Fee Lease - 3 copies

## State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised 1-1-89

DISTRICT I P.O. Box 1980, Hobbs, NM \$8240

## OIL CONSERVATION DIVISION

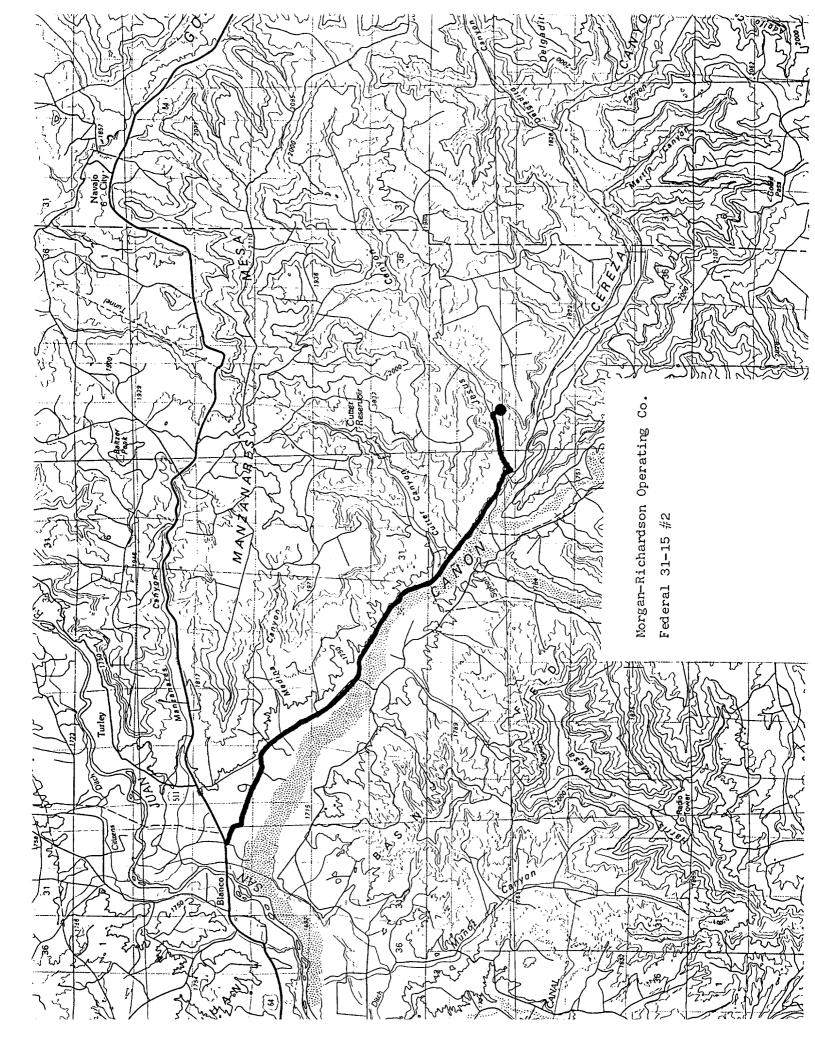
P.O. Box 2088 Santa Fe, New Mexico 87504-2088

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aziec, NM 87410 WELL LOCATION AND ACREAGE DEDICATION PLAT

A		All Distances must be	from the outer boundaries	of the section		Constitution of the second
Operator			Lease			Well No.
MORGAN Unit Letter	RICHARDSON	OPERATING, CO.	Fed 31	-15		21-15 42
	Section	Township	Range		County	13.47
L Actual Footage Loca	Upp of Well:	28 North	8 West	NMPM.	San	Juan
1610						
Ground level Elev.	feet from the SO	uth line and g Formation	1190	feet from	the West	line
5844'	ı	itland	Basin Fruitl	and Coal		Dedicated Acreage:
1. Outline	the acreage dedicated	to the subject well by colored pe	ocil or hachure marks on the	plat below.		320 Acres
2. If mon	than one lease is ded	icated to the well, outline each an	d identify the ownership there	of (both as to working		
unitiza	tion, force-pooling, etc	ferent ownership is dedicated to th	e well, have the interest of all	owners been consol	lidated by com	munitization,
, <u> </u>	Yes	No If answer is "yes" ty	pe of consolidation			
this form	if neccessary.	and tract descriptions which have	e actually been consolidated.	(Use reverse side of		
No allow	able will be assigned to	o the well until all interests have b	een consolidated (by commun	ultization unitization	formed-monlin	a or otherwise)
or until a	non-standard unit, elir	minating such interest, has been ap	proved by the Division.		r, roreas-poors	g, or otherwise)
	7/1	/ / /			ODEDAT	OR CERTIFICATION
H .	<b>;</b>	IJ				certify that the information
SF 07	0200			6	ontained herei	in in true and complete to the
WI WI	ē	И	l t	م ا	est of my know	ledge and belief.
"-	50% Conoco			3	ignature	<del></del>
RI	•		DECEIA		Bruce (	10 Delventhal
<b>}</b>		4	AUG117 1990	[-	Bruce E.	. Delventhal
	i	· 1	i i	1 1	osition	
Π .	·		OIL CON. DI	v. IL	Agent '	
H	į	1	DIST. 3	,   c	<b>ompany</b> Morgan-F	Richardson Op.
		1	1	D	July 26,	1990
<u>k</u>				F	SURVEY	OR CERTIFICATION
#					harabu aasid	y that the well location shown
	1	.]]	i		m this plat w	es plotted from field notes of
₩ SF 078	•	1	· i	4	iciual surveys	made by me or under my
WI:		U	j		supervison, an	d that the same is true and t best of my knowledge and
1	50% Conocc	· 11	Ĭ		elief.	
1190	الأح	И	, į		Date Surveyed	
PT	10 50 1121		<del> </del>		190/0	yen, 20
RI:	12 .5% USA -0  -9				Signature & Son	3 March
	11/1	///	<u>_</u> i		Cerunciton	
						68 14
0 330 660	990 1320 1650	1000 2210 2640				



Form 3160-5 (November 1983) (Formerly 9-331)	UNITED STATES DEPARTMENT OF THE INT BUREAU OF LAND MANAGEM		Form approved.  Budget Bureau No. 1004-(135) Expires August 31, 1985 5. LEASE DESIGNATION AND SERIAL NO.
SUND (Do not use this fo	ORY NOTICES AND REPORT  orm for proposals to drill or to deepen or pure "APPLICATION FOR PERMIT" for s	IS ON WELLS  plug back to a different reservoir.  uch proposals.)	SF 078499 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
OIL GAS WELL X	OTHER		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Morgan Richard 3. ADDRESS OF OPERATOR	son Operating Co.		8. FARM OR LEASE NAME Federal 31-15
P. O. Box 1915  1. LOCATION OF WELL (Rep See also space 17 below At surface	ort location clearly and in accordance with	any State requirements.*	9. WELL NO. #2 10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal
	o' FSL, 1190' FWL (SESW)		11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA 15, T28N, R8W NMPM
14. PERMIT NO.	15. ELEVATIONS (Show wheth		12. COUNTY OF PARISH 13. STATE San Juan NM
16.	Check Appropriate Box To Indica	•	ther Data
TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL LOUBER)  17. DESCRIBE PROPUSED OR CO	PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON* CHANGE PLANS  DMPLETED OPERATIONS (Clearly state all per- ell is directionally drilled, give subsurface	Completion of Recompte	ALTERING CASING ABANDONMENT*  of multiple completion on Well tion Report and Log form.)
Morgan Richar	rdson Operating Co. reques assing string from 5 1/2",	ts permission to show	diplos for an markers and zones perti-
	,	AUG 2 8 1990	
		OIL CON. DIV.	70 10 10 10 10 10 10 10 10 10 10 10 10 10
			\$ The Part of the Control of the Con

18. I hereby certify that the foregoing is transcent Bruce & Doll	ritle Agent	DATE August 20, 1990
(This space for Federal or State office u	le)	311
APPROVED BY	TITLE	DATE
76,	COCOM	Ken Townsend
, ,	*See Instructions on Reverse Side	Mark Million Commence

Ferm 3160-5 (November 1983) (Formerly 9-331)

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

ABANDON\*

CHANGE PLANS

## UNITED STATES SURMIT IN TRIDITION DEP

Form approved. Budget Bureau No. 1004-6135 DESIGNATION AND RESIAL

ALTERING CASING

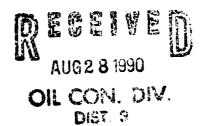
ABANDONMENT\*

ARTMENT	OF THE INTERIOR	(Other instructions on reverse side)	5. LEASE
HIDEALLOE	AND MANACEMENT		Į

	TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF FRACTURE TREAT MULTIPLE COMPLETE FRACTURE TREATMENT	REPAIRING WELL		
16.	Check Appropriate Box To Indicate Nature of Notice, Report, or Notice of Intention to:			
<b>-</b>	15. ELEVATIONS (Show whether DF, RT, GR, etc.)  5844 GR	12. COUNTY OR PARISH 13. STATE San Juan NM		
14	1610' FSL, 1190' FWL (SESW)	Basin Fruitland Coal 11. SEC., T., B., M., OB BLE. AND SUBVEY OF AREA 15, T28N, R8W NMPM		
4.	P. O. Box 1915 Farmington, NM 87499  LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*  See also space 17 below.)  At surface	#2		
3.	Morgan Richardson Operating Co.	Federal 31-15		
2.	WELL GAS X OTHER	7. UNIT AGREEMENT NAME  8. FARM OR LEASE NAME		
<del>, -</del> -	SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir use "APPLICATION FOR PERMIT—" for such proposals.)	F. IF INDIAN, ALLOTTEE OR TEIBE NAME		
	BUREAU OF LAND MANAGEMENT	SP 078499		

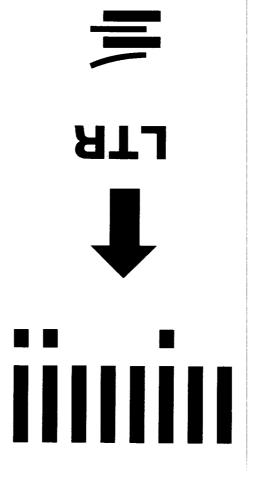
(Nors: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Morgan Richardson Operating Co. requests permission to change the proposed production casing string from 5 1/2", 15.5#, J-55 to 4 1/2", 10.5#, J-55 casing.



SHOOTING OR ACIDIZING

	the same care of the sa
18. I hereby certify that the foregoing is true and correct	A COLUMN TO THE REAL PROPERTY OF THE PARTY O
SIGNED Bruce C Delventtal TITLE Agent	DATE August 20, 1990
(This space for Federal or State office use)	2112 2 2 2 2 2 2
CONDITIONS OF APPROVAL, IF ANY:	DAKen Townsend
	FARMERON TO THE WAY TO
*See Instructions on Reverse Side	



Job separation sheet

	UNITED STATES IMENT OF THE INT LAU OF LAND MANAGEM		Form approved.  Budget Bureau No. 1004  Expires August 31, 1985  5. LEASE DESIGNATION AND SELIAL NO.  SF 078499
(Do not use this form for prop Use "APPLI	OTICES AND REPORT	S ON WELLS  oliug back to a different reservoir,  uch proposals.)	6 IF INDIAN, ALLOTTEE OR TRIBE NAME.
OIL GAS X OTHER		2 02 12 PM 1:57	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR			8. FARM OR LEASE NAME
Morgan Richardson Ope 3. ADDRESS OF OPERATOR	rating Company	a dhikurta, alah kiti)	Federal 31-15
P. O. Box 1915 Farmi 4. LOCATION OF WELL (Report location See also space 17 below.) At surface	ngton, NM 87499 clearly and in accordance with	any State requirements.	10. FIELD AND POOL, OR WILDCAT
1610' FSL, 1	190' FWL (SESW)		Basin Fruitland Coal 11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA
14. PERMIT NO.	15. ELEVATIONS (Show whether	er DF, RT, GR. etc.)	15, T28N, R8W NMPM 12. COUNTY OR PARISH; 13. STATE
30-045-28144	5844' GR		San Juan NM
16. Check A		e Nature of Notice, Report, or (	Other Data
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	
PRACTURE TREAT	MULTIPLE COMPLETE	FRACTUBE TREATMENT	ALTERING CASING
RHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	ABANDONMENT*
(Other)	CHANGE PLANS	(Other)	s of multiple completion on Well
17. DESCRIBE PROPOSED OR COMPLETED OF proposed work. If well is direct nent to this work.) *		thent details, and give pertinent dates locations and measured and true vertice	netion Report and Log form.)  , including estimated date of starting any cal depths for all markers and zones perti-
Morgan Richardson Op surface casing strin	perating Company re ng from 8 5/8", 24#	quests permission to ch , J-55 to 8 5/8", 20#,	ange the proposed X-42 casing.
		i e e e e e e e e e e e e e e e e e e e	, <sub>12</sub> 3 1360.
		OL	CON. DIV.
		1	Address States (1997)

18. I hereby certify that the foregoing is true and correct Agent DATE Oct 12, 1990 TITLE (This space for Federal or State office use) APPROVED BY \_\_\_\_\_\_\_CONDITIONS OF APPROVAL, IF ANY: TITLE . AREA MANAGER \*See Instructions on Reverse Side FARMINGTON PERSON

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.