ی ک ^ی ورن m 9-331 C (May 1963)				SUBMIT IN T (Other instru reverse	IC JOD	Budget Bures	u No. 42-R1425.
	DEPARTMENT OF THE INTERIOR				30-015-21378		
	GEOLO	GICAL SURV	EY			U.S.A. 0556	916
APPLICATIC	APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK 6. IF INDIAN, ALLOTTER OR TRIBE NAME						
	RILL X	DEEPEN		PLUG BA	СК 🗌	7. UNIT AGBEEMENT 1	
OIL WELL	GAS WELL X OTHER		SIN			Turkey Draw U 8. FABM OF LEASE NA	
2. NAME OF OPERATOR				RECEI	VEE	Junken D	un-Unit
FKANKLIN 3. ADDRESS OF OPERAT	, ASTON & FAIR,			050.65		9. WELL NO	
P. 0. Bo	x 1090, Roswell,	New Mexico	8820	DI SEP 2 5	1974	10. FIELD AND POOL,	OB WILDCAT
4. LOCATION OF WELL At surface	(Report location clearly and FNL & 2180' FEL	in accordance wi	th any Sta	te requirements.*)		Wildca	
At proposed prod.		,)		ARTESIA, C	IFFICE	11. SEC., T., B., M., OR AND SURVEY OR A Sec. 31-245-	BEA
14. DISTANCE IN MILE	S AND DIRECTION FROM NEAR	BEST TOWN OR POS	T OFFICE*			12. COUNTY OR PARISE	
21 miles W	est of White City	y, New Mexi				Eddy	New Mexico
LOCATION TO NEAR PROPERTY OR LEAS	EST E LINE. FT.	+50 feet	16. NO.	OF ACRES IN LEASE		F ACRES ASSIGNED	
18. DISTANCE FROM PI	ROPOSED LOCATION*		19. PROI	POSED DEPTH	20. ROTAL	320	
OR APPLIED FOR, ON			7,5	500 feet		lotary	
21. ELEVATIONS (Show	whether DF, RT, GR, etc.)					22. APPBOX: DATE WO	
23.	5828.3 Grou	·····			- 1.	0n Appro	vala
SIZE OF HOLE				CEMENTING PROGR	AM		
17	13-3/8	WEIGHT PER F		SETTING DEPTH	- <u>F00</u>	QUANTITY OF CEME	NT
11	8-5/8	24		1900	750	<u>circulated</u>	
7-7/8	5-1/2	15.5	estim	7500	500		
Morrow sands. is indicated t	Surface and inte he 5-1/2" product:	ermediate o tion casing	casing g will	will be run a be set as ab	as above ove.	and if produ	ction 189
If well is nor regulations.	-productive the w	well will t	be plug	gged and aband	doned as	provided for	in
In lieu of ori	ginal application	n filed by	Willia	am G. McCoy.	Copies	attached.	
NSL. 664 5-10-74	¢						VE
0-74					in de la companya de El companya de la comp	TESIA OCIO 19	N
Sele						NEW AL S.	а ў. Паралія
IN ABOVE SPACE DESCR zone. If proposal is f preventer program, if	IBE PROPOSED PROGRAM : If p to drill or deepen directional any.	proposal is to deer lly, give pertinent	oen or plu t data on	g back, give data on p subsurface locations a	resent produ nd measured	and true vertical depit	thew productive as. Give blowout
24.	mt mlm	ith		Geologist		0-3	74
(This space for Fe	ederal or State office use)	TIT	LE		0	DATE	
			DEEPIW	(F+) 69. 1973 .	Serly	ject to N	INGOLC
ADDROV	SUBJEC	REMENTS DATE		PROPAL DATE	Appr	voal as	01
	WAL, IF AND				• • •	DATE	· · · · · · · · · · · · · · · · · · ·
Them	Part In	OPERATIONS	l I	WATER B	ASIN		• • •
K. L. BEERIN	ACTING DISTRICT ENGINEER ACTING DISTRICT ENGINEER ARE NOT COMMENCED WITHIN 3 See Instructions On Reverse Side 1/3/8" ARE NOT COMMENCED WITHIN 3 See Instructions On Reverse Side 1/3/8" ARE NOT COMMENCED WITHIN 3 COMMENCED COMMENCED WITHIN 3 COMMENCED WITHIN					FICIENT TIME TO	
ACTING DIST	ACTING DISTRICT ENGINE AND AL IS RESCURED WITHIN 2 MOINT DECLINES ON Reverse Side / 3/8 " THIS APPROVAL IS RESCURED WITHIN 2 See Lastructions On Reverse Side / 3/8 " ARE NOT CONTRACTOR WITHIN 2 See Lastructions On Reverse Side / 3/8 " ARE NOT CONTRACTOR WITHIN 2 See Lastructions On Reverse Side / 3/8 " ARE NOT CONTRACTOR WITHIN 2 See Lastructions On Reverse Side / 3/8 " C ANTINE TO THE CONTRACTOR THE / 3/8 "						
ARE	NOT COMMENCET UNIT		c r	MEAN OF THE ASING MUST BE CI	RCULATED		C# 14G

NEW MEXICO OIL CONSERVATION COMMISSION WELL JCATION AND ACREAGE DEDICATION t _AT

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Form C-102 Supersedes C+128 Effective 1-1-65 •

All distances must be from the outer boundaries of the Section.					
Operator Lease	Well No.				
FRANKLIN, ASTON & FAIR, INC. Turkey Draw Unit #1					
Unit Letter Section Township Range County	l				
G 31 24 South 22 East Eddy Actual Footage Location of Well:					
1700 feet from the North line and 2180 feet from the East	line				
Creard Level Diverse I Device Device I	Dedicated Acreage:				
5828.3 Morrow Wildcat	320				
 Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. If more than one lease is dedicated to the well, outline 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 the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling.etc? Yes No If answer is "yes," type of consolidation					
If answer is "no," list the owners and tract descriptions which have actually been consolidat	ted. (Use reverse side of				
this form if necessary.)					
No allowable will be assigned to the well until all interests have been consolidated (by comm forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been a sion.	nunitization, unitization, approved by the Commis-				
	CERTIFICATION				
I I hereby ce	ertify that the information con-				
1 o tained here	in is true and complete to the				
best of my	knowledge and belief.				
1					
Name Name	Am !: H				
Position	1 10 anun				
	Geologist				
Company	, Aston & Fair, Inc.				
	, ASLOIL & FALL, HIC.				
Date	stashar li 107/				
(Refer to original C-102	ptember 4, 1974				
filed by Will, iam G. McCoy,	CEIVED				
	entify that the well location				
shown on the	his platwdsplatted from field				
ARTEOL	LOG AVIVEYS made by me or Upgyvigion, Sharkey the some				
Unfores and by set	Upgnicion, and they the some				
	d correct to had best of my				
know ledge o	and belief.				
Date Surveyed	^d 28, 1974				
	rofessional Engineer				
and/or Land S	-				
Certificate No	о .				
0 330 660 '90 1320 1650 1980 2310 2640 2000 1500 1000 500 0	676				

Form 9-331 C (May 1963)				SUBMIT IN 7 (Other instr	RIPLICATE	• Form approved. Budget Bureau No. 42-R1425.	
		ED STATES		reverse	2)		
DEPARTMENT OF THE INTERIOR					5. LEASE DESIGNATION AND SERIAL NO.		
GEOLOGICAL SURVEY					U.S.A. 0556916		
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK						6. IF INDIAN, ALLOTTER OR TRIBE NAME	
DRILL I DEEPEN DEEPEN PLUG BACK 7. UNIT AGGERMENT NAME						7. UNIT AGREEMENT NAME	
b. TYPE OF WELL							
OIL CAS WELL OTHER SINGLE MULTIPLE S. FARM OF LEASE NAME							
					Ð	Hartman-Federal	
3. ADDRESS OF OPERATOR	ILLIAM G. McCOY					9. WBLL NO. 1-31-7	
P.O. BOX 1352 ROSWELL, NM 88201 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)						10. FIELD AND POOL, OR, WILDCAT	
					e S	Wildcat	
At proposed prod. zor	FNL & 2180' FEL	,5ec.51, 24	5, 2	ZE, NMPM (SW4N	E¼) :]	11. SEC., T., R., M., OB BLK AND SURVEY OR AREA	
				• •		Sec. 31; 24S, 22E	
	AND DIRECTION FROM NEAR		OFFIC	<u>u</u> ‡		12. COUNTY OR PARISH 13. STATE	
21 MILES WE	st of White City	7, NM		· · · · · · · · · · · · · · · · · · ·		Eddy New Mexico	
LOCATION TO NEARES' PROPERTY OR LEASE I	T LINE FT. ACT) .£+	16. N	D. OF ACRES IN LEASE	17. NO. 0 TO TH	F ACRES ASSIGNED	
(Also to nearest dri) 18. DISTANCE FROM PROF	g. unit line, if any)) ft	10 10	320		a a a 3207 a	
TO NEAREST WELL, D OR APPLIED FOR, ON TH	RILLING, COMPLETED.			7500 ft.	1	ary	
21. ELEVATIONS (Show whe	ether DF, RT, GR, etc.)					22: APPBOX. DATE WORK WILL START*	
23.		5828.3 G	roun	d Level	see Dhia	On Approval	
<i>4</i>	P	ROPOSED CASIN	G ANI	CEMENTING PROGR	AM		
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FO	or	SETTING DEPTH	1 1	QUANTITY OF CEMENT	
17	13-3/8	42		500	# 500	circulated 3-3 8	
<u> </u>	<u> </u>	<u> </u>		1900			
,0	5-1/2	13.5		7500	500		
It is pi	roposed to drill	this well	to ·	the estimated a	j j Ionth àf	7500 feet to test	
the more	low sands. Surra	ice and inte	≥rme	trate casing wi	11 ho -	un ac above and if	
producti	ion is indicated	the 5-1/2'	' pro	duction casing	g will b	e set as above.	
				*		일 광부는 너 지원 - 지원법	
for in r	is non-producti regulations.	ve the well	L W1.	ll be plugged a	ind aban	doned as provided	
	- 3						
						RECENTE	
						SEP 23 TO T	
					É.	LS GENERAL	
						ABTESTA NEW SURVEY	
IN LEAVE SPACE DESCORDE	DRODOGED DROOMANCE TH -				2007 2007 2007	A A A A A A A A A A A A A A A A A A A	
		ly, give pertinent	n or p data o	lug back, give data on p a subsurface locations ar	resent produced and measured a	stive zone and proposed new productive and true vertical depths. Give blowout	
preventer program, if any 24.					<u> </u>		
SIGNED Juliu	- A. Mc Ca	TITL	<u>r O</u> p	erator	unite A.c.n	DATE 4-29-74	
(This space for Feder	al or State office use)				21 Q Q 2		
PERMIT NO.				APPROVAL DATE	(-o)-	· 김왕·왕옥·북왕· 김성동목 - 김왕·왕옥·북왕·김성동목	
					1.25		
APPROVED BY TITLE TITLE CONDITIONS OF APPROVAL, IF ANY :						DATE TO ATE	
					کی ہیں۔ یہی میں سب ایس	en an	
		*See Instruct	ions (On Reverse Side			

NEW MEXICO OIL CONSERVATION COMMISSION WELL CATION AND ACREAGE DEDICATION LAT

Form C-102 Superseder C-128 Ethoctive 14-65

		All distances mus	t be from the ou	iter boundarius o	f the Section.		
Operator WILLI	W G. McCOY		Lec se	Federal 7-	31		Welt tie.
Unit Letter	Section	Township	Rom		County		11.
G	31	· 24 South		2 East		ो तो प	
Actual Featinge Loca	ation of Well:		*	<u></u>	<u> </u>	ddy	
1700		iorth ine	and 21	.80 fe	at from the	east	line
Ground Lavel Elev. 5828.3	Producing For Morrow	mation	Pool			the second s	Dedicated Acreuge:
				'ildcat			320
 If more th interest an If more that 	n one lease of di	dedicated to the fferent ownership	well, outline is dedicate	e each and ide	entify the o	waership the	ereol (both as to working
 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? Yes No If answer is "yes," type of consolidation							
	1			1			CERTIFICATION
		17001		218	0'	I hereby cer tained herei best of or NameWillia Position Opera	tify that the information com- n is true and complete to the showledge and belief.
		The Area and Are	ATE OT	SURVEYOD		I hereby ce shown on thi notes US Sag under ARTER is true and knowledge ar acte Surveyas Jan. 28	STAN SIGNA Abd Stiply by some correct Wo MEXIBON of my id belief. 3, 1974
200 040 200 200 040 200	1323 : ±50 1240	2 J : C 26 43 21	520 1 500	1000 500		ertificate tio.	676

WILLIAM G. MCCOY

NO.1 HARTMAN FEDERAL

DRILLING MUD PROGRAM

SURFACE: 500 feet 13-3/8"

Spud and drill surface hole with air due to possible lost circulation problems. Prior to running surface casing, will pump 200 barrels of a slurry of Magcogel with 10 to 15 ibs/bbl loss circulation material into hole to help cushion casing and also help seal hole prior to cementing.

INTERMEDIATE: 1900 feet 8-5/8"

Drill out surface casing with fresh water while circulating through controlled section of the reserve pit. Maintain pH control with lime as needed. Prior to making trips, flush hole by mixing 5 or 6 sacks of Flosal rapidly in suction pit. In case of bad seepage or loss of returns, continue to dry drill. Prior to reaching casing point, raise viscosity to 34 to 36 sec. per quart to assure a clean hole for running casing. Use Flosal and salt water clay to raise viscosity.

PRODUCTION: 7500 feet 5-1/2"

Drill to 4500 feet with fresh water using lime for ph control. Mud up at 4500 feet with a low solids mud with the following characteristics:

Weight:	8.6 to 9.2 lbs/gal
Viscosity:	34 to 36'sec./1000 cc.
Water Loss:	10 to 15 cc's
pH:	9.5 to 10

Continue to total depth with this mud with the exception of weight and viscosity which may need to be altered due to hole conditions.

SPECIAL PRODUCTION PRACTICES:

Mud Logging Unit at 4500 feet. Drill Stem Tests - 1 Cisco, 1 Strawn, 1 Morrow. Open Hole Logs at T.D.







RIG 5

5000' - 11,000'

DRAWWORKS

Mid-Continent U-15. Catheads: Make-up, Kelco: Break-out, Unit Drum: 1 1/8" Lebus grooved. Compound: 2-engine oil bath chain drive. Brake: Hydromatic Parkersburg 15" quadruple.

ENGINES Two 410-H.P. D353TA Caterpillar Diesel *Clutches:* 20" Fawick

DRILLING MAST Lee C. Moore, 127', 440,000# capacity. Substructure: 10' x 20' x 48'

TRAVELING EQUIPMENT Block: Ideco Shorty 250-ton. Hook: Ideco 250-ton. Swivel: National N-47 200-ton

MUD PUMPS

Pump No. 1: Emsco DB 550, 550-H.P. with steel fluid end. 4 3/4" - 7 3/4" liners, 16" stroke. Compound-driven. Pump No. 2: National C-150, independently powered by one Waukesha NDR BU.

LIGHTING SYSTEM Generators: Two 15 kw A.C. Kohler light plants powered by Waukesha 180 GKB. Lighting: All lights fluorescent or mercury vapor. All vapor-proof.

DRILL PIPE

2500', 4 1/2" Grade E, 20# Tool Joints: 4 1/2" H-90, 6 1/4 OD 8500', 4 1/2" Grade E, 16.60# Tool Joints: 4" H-90, 6" OD

BLOWOUT PREVENTERS

One Shaffer LWS hydraulic double 10" x 900 series with Payne 4-valve accumulator closing unit. Manifold 4" x 900 series flanged connections. One Hydril 10" x 900 series.

DRILL COLLARS

Thirty Drilco spiral-grooved 6 1/2" OD, 2 1/4" ID. Three Drilco Square collars (6 3/4", 7 7/8", 8 3/4" OD's)

MUD PITS

Three 7' x 5' x 34' steel pits. Shale Shaker: Link Belt double screen.

WATER STORAGE Two 500-bb1. horizontal tanks.

HOUSING

One 8' x 36' air conditioned trailer house with sleeping and cooking accommodations.

COMMUNICATIONS 24-hour direct for phone interconnect through Hobbs (397 SEIVED Midland-Odessa (563-0562) SEP 23 1072

U.S. GEOLOGICAL SHIVEY ARTESIA, NEW MLXICO



(505) 393-7176





OIL CONSERVATION COMMISSION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

RECEIVED

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May 10, 1974

MAY 1 5 1974

D. C. C.

Le.

William G. McCoy 610 Security National Bank Building P.O. Box 1352 Roswall, New Mexico 88201

Attention: Nr. W. G. McCoy

Administrative Order NSL-664

Gentlemen:

Reference is made to your application for approval of an unorthodox gas well location, to be located 1700 feet from the North line and 2180 feet from the East line of Section 31, Township 24 South, Range 22 East, NMPM, Eddy County, New Mexico.

By authority granted me under the provisions of Rule 104 F of the Commission Rules and Regulations, the above-described unorthodox location is hereby approved.

Very truly yours,

A. L. PORTER, JR. Secretary-Director

ALP/JEX/jr

cc: 011 Conservation Commission - Artesia 011 & Gas Engineering Committee - Hobbs U. S. Geological Survey - Artesia