SUBMIT IN TRIPLICATE*

(Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

UNITED STATES DEPARTMENT OF THE INTERIOR

30-031-20604 5. LNASE DENIGNATION AND SERIAL NO.

	NM-6999				
APPLICATION	FOR PERMIT T	O DRILL, DEEL	PEN, OR PLUG B	ACK	G. IF INDIAN, ALLOTTEE OR TRIBE NAME
1a. TYPE OF WORK	LL 🛚	DEEPEN	PLUG BAC		7. UNIT AGREEMENT NAME
b. TYPE OF WELL OIL WELL WELL WELL	S OTHER	Vildcat	SINGLE MULTIPL ZONE ZONE	E	S. FARM OR LEASE NAME 1 RMA
2. NAME OF OPERATOR	Taman T. I.	adari ole			9. WELL NO.
3. ADDRESS OF OPERATOR	James L. Li P.O. Box 70				1
	Farmi ngton	. New Mexico	87401		10. FIELD AND POOL, OR WILDCAT
4. LOCATION OF WELL (R	eport location clearly and	in accordance with any	State requirements.*)		Wildcat
At surface	•	fwl, 2 9 60' fs	SL		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
At proposed prod. zon	Dame				Sec. 35, T19N, R5W
	AND DIRECTION FROM NEAR		ice.		McKinley N. M.
	es SW of Cuba,	New Mexico	NO. OF ACRES IN LEASE	17. NO.	McKinley N. M.
15. DISTANCE FROM PROPO LOCATION TO NEAREST PROPERTY OF LEASE I (Also to nearest drig	r .ine. ft.	580'	1400	тот	HIS WELL 40
18. DISTANCE FROM PROP	OSED LOCATION* RILLING, COMPLETED,		3100 Gallup	20. ROTA	Rotary
OR APPLIED FOR, ON TH	IS LEASE, FT.	None)100 dallup	1	22. APPROX. DATE WORK WILL START
21. ELEVATIONS (Show wh	ether Dr. RT. GR. etc.)	6649 G:	r.		May 1, 1980
23.	F		ND CEMENTING PROGRA	M	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH		QUANTITY OF CEMENT
11	8-5/8	28#	100 200		O sx Circulated
7-7/8	5-1/2	15.5#	3100	350	0 sx
2. 3. 4. 5.	Drill 7-7/8 hol Cement $5\frac{1}{2}$ produ Selectively per Or plug & aband Gas not dedicate	e to TD 3100, action casing forate and Sa lon in accorda	if commercial prond Water Frac.	oduction	ions APPROVED APPROVED AS AMENDED
in above space describence. If proposal is to preventer program, if a 24.	BE PROPOSED PROGRAM: If o drill or deepen direction ny.		Agent	oresent pro nd measur	poductive zopi and proposed new productive and true vertical depths. Give blowd
(This space for Fed	deral or State office				
PERMIT NO.			APPROVAL DATE		
APPROVED BY	OVAL, IF ANY:	TITLE			MAR 24 1000
NEWL BURNELAWSE W MENT - COMPLAMSE W MENT BURNELAWSE	GEM ATTACHER	*See Instruction	ons On Reverse Side	υ	

OIL CONSERVATION DIVISION

Form C-107 kevised 10-1-78

P. O. BOX 2088 STATE OF NEW MEXICO SANTA FE, NEW MEXICO 87501 HERGY AND MINEHALS DIFFARTMENT

			All distance	es must be fee	in the cuter hound	ories of 11	e Section			Well No.		
JAMES L. L	(IRMA					1					
nit Letter Section Township				Range		County						
K	35		19N	5W		McKin	тел					
ctual Footage Lo			South		1980	feet	from the W	est		line		
feet from the time und					Pool		110		Dedicated Acreage:			
6649 Gallup					Wild				l	Acies		
2. If more t	han on ind roy:	e lease is alty).	dedicated	to the wel		and ider	ntify the o	wnership	thereo	(both as to working		
dated by Yes If answer this form	is "nece	nitization, No If a o," list the ssary.)	owners an	yes," type o	of consolidation	have ac	tually bee	n consolic	dated.	(Use reverse side of cization, unitization, oved by the Commis-		
forced-po sion.	oling, o	r otherwise	e) or until a	non-standa	l l		- Interests	,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		oved by the Commis-		
נ ני		1 		,	\$ } !	•		tained	herein is	that the information con- true and complete to the viedge and selies.		
		; 			 			Name		Kennedy gent		
		1 1 1 1 1 1 1 1 1 1	·		 					Ludwick 9, 1980		
		<u> </u>	Sec.									
19	801	7		35		1000	A CHICAGO AND	shown notes under i	on this of actua my supe	ify that the well location plat was plotted from field in surveys made by me original that the same orrect to the best of my belief.		
		0,400	0022			S. S. S.			edit ou	LAMORO Sesiona Erroger Seguina Erroger		
				<u> </u>		 _		Certifico	RED	8. KERR.		
	-	1320 1650	1980 2310 2	2640 20	000 1500	1000	500 0	395	0			

JAMES L. LUDWICK

DEVELOPMENT PLAN FOR SURFACE USE

WELL: #1 IRMA

LOCATION:

1980' FWL, 2060' FSL Section 35, T19N, R5W McKinley County, N.M.

LEASE NUMBER:

NM - 6999

CLAUDE C. KENNEDY INDEPENDENT OIL AND GAS OPERATOR

March 19, 1980

SUBJECT:

Surface Use Development Plan No. 1 IRMA Wildcat Gallup Test NESW, Sec. 35, T19N, R5W McKinley County, New Mexico

The subject development plan for the proposed James L. Ludwick #1 Irma is as follows:

- 1. The attached plat shows existing roads in the area, marked green.
- 2. Marked in red, new access roads will be necessary, approx 3800' and alternate route can also be considered.
- 3. A map is attached showing offset existing wells.
- 4. All production facilities are to be contained within the proposed location. No other production is located within 3 miles.
- Water for drilling and completion work will be hauled in from private owned source at Pueblo Alto Trading Post.
- 6. Materials necessary for the construction of a drilling pad will be obtained from the location.
- Waste materials will be collected in the unlined earthen drilling mud pit. These materials will be buried upon completion of the well.
- 8. No permanent campsited or airstrips are anticipated.
- Refer to the attached Well Site Layout plat. No major earth cuts are anticipated.
- 10. The proposed wellsite is located in a sandy, sparsely vegetated desert type area. There are no Indian habitations or artifacts in the immediate vicinity.
- 11. Please refer to the Archeological Report to be submitted to your office.
- 12. Company's representative is:

James Ludwick (505) 325-1079 Claude C. Kennedy (505) 883-9624

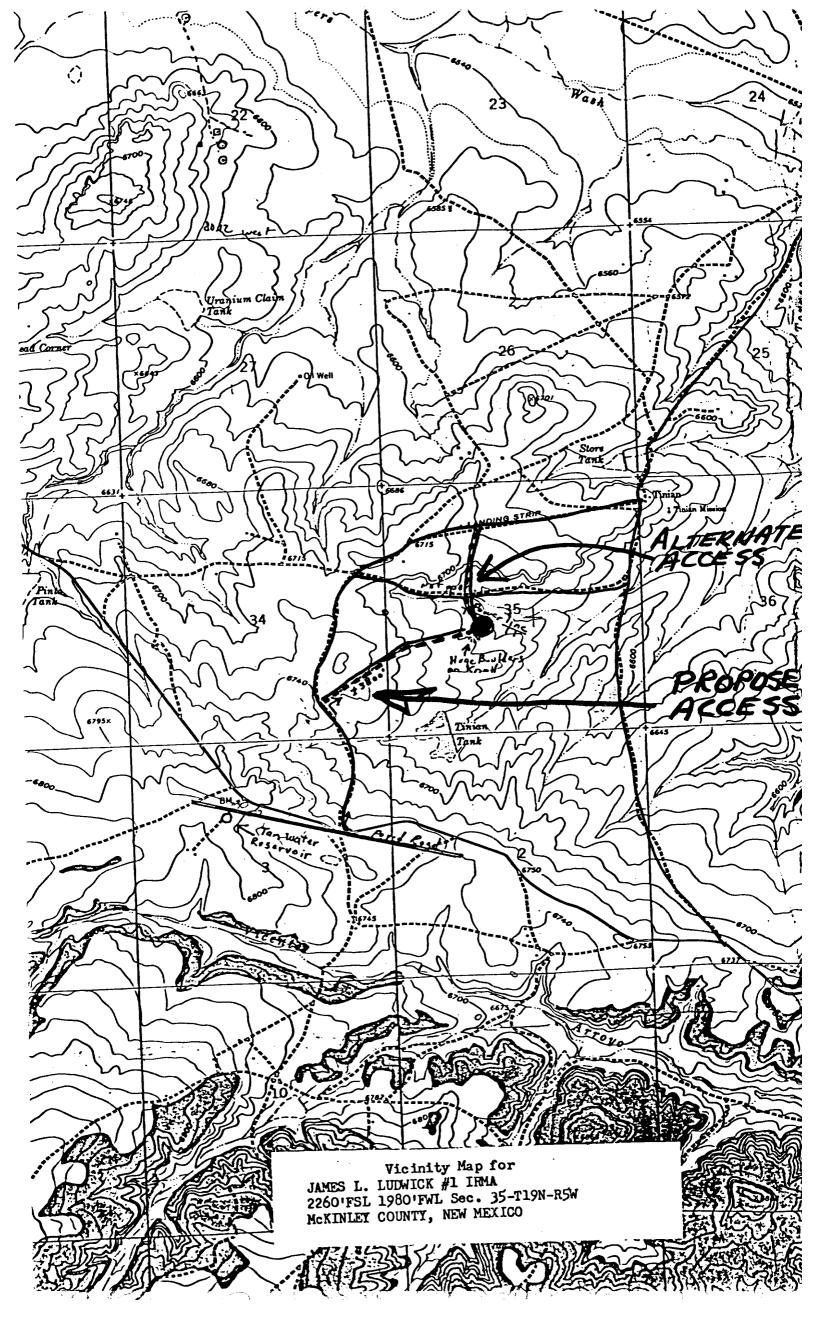
I, hereby certify that I, or persons under by direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated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

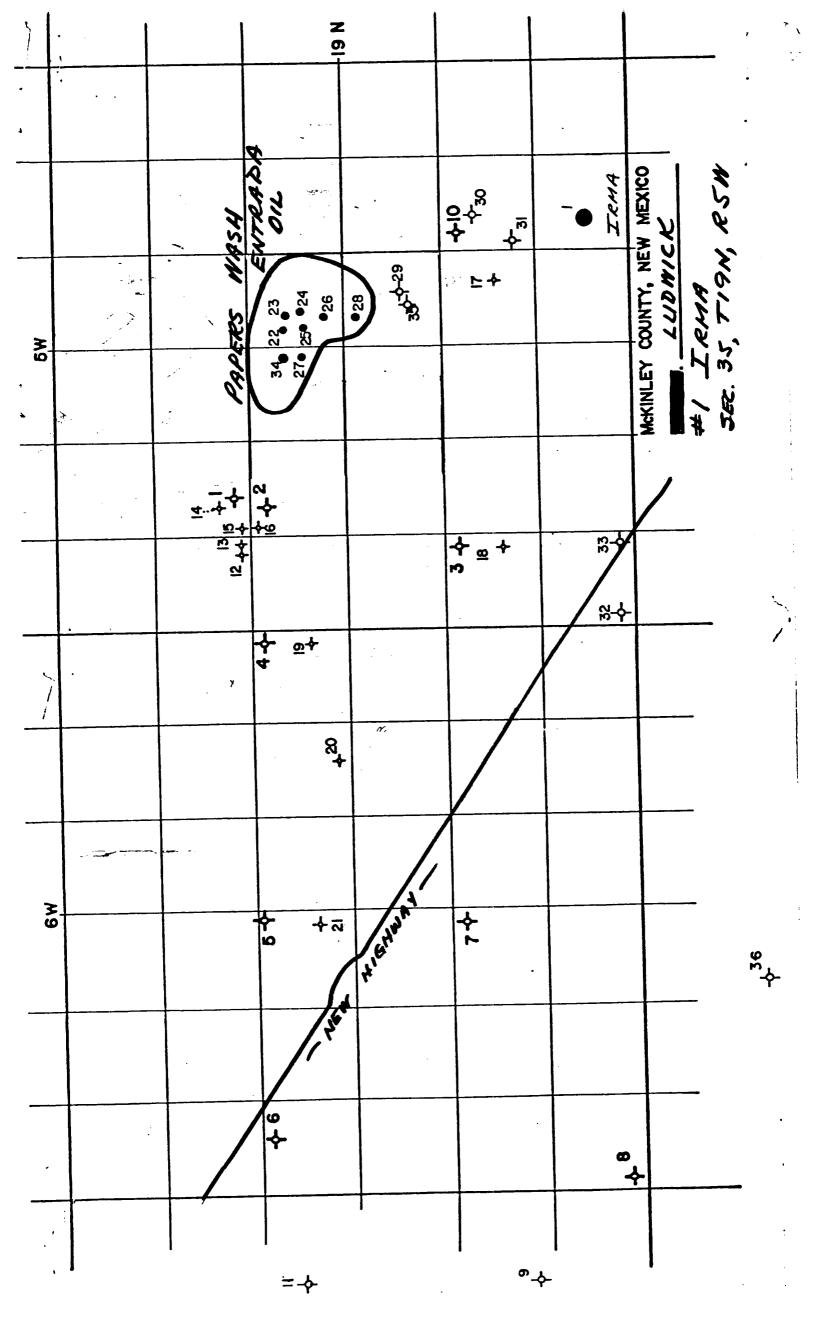
March 19, 1980

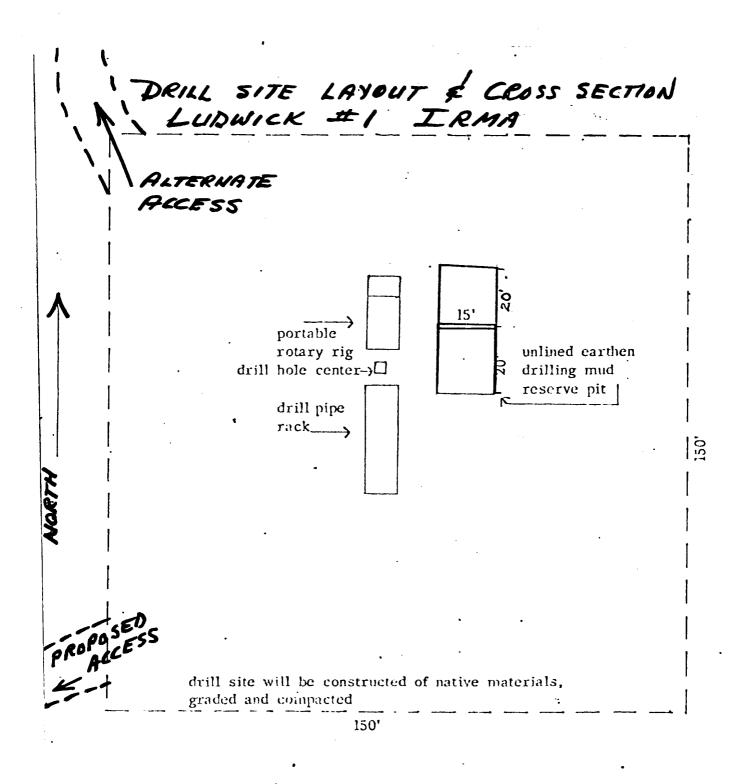
Claude C. Kennedy 6109 Del Campo Place

Albuquerque, New Mexico 87109

Telephone: (505) 883-9624







eross sectional view - Both SIDES mud pit ungraded ground elevation

LEVEL ONLY - LESS THAN 11/2' CUT & FILL NEEDED

JAMES L. LUDWICK

FORMATION INFORMATION AND DRILLING PRACTICE

WELL: #1 IRMA

LOCATION:

1980' FWL, 2060' FSL Section 35, T19N, R5W McKinley County, N.M.

LEASE NUMBER:

NM - 6999

SUPPLEMENT TO FORM 9-331C

WELL: NO. 1 IRMA

- 1. SURFACE FORMATION OF DRILL SITE: Mesaverde
- 2. ESTIMATED FORMATION TOPS: Point Lookout 1800
 Gallup 2750

TD 3050

3. WATER AND HYDROCARBON FORMATIONS:

IL 2750

4. CASING AND CEMENT PROGRAM:

Surface: 8-5/8, 24#, K-55, new casing to be set at 100', Cement will be 100 sx, Class B plus 2 % CaCl.

Production: 15.5#, K-55, new casing to be set at 3050°. Cement will be 350 sx, approx 200 sx 50-50 pozmix slurry followed by approx 150 sx Class 'B' plus 2 % CaCl.

5. Specifications for pressure control equipment.

The attached schematic shows the type fo blow out preventer to be used while drilling. The unit will be tested to 200 psi as soon as possible after its installation on the surface pipe. Testing will be done with the rig pump. This is a manual type preventer, and its operation will be manually checked when practical.

6. Drilling fluids.

Depth	Туре	Viscosity	Weight	Fluid Loss (cc)
0-100 100-2600	Gel-lime Low-solids	35-45 29-33	8.6-9.0 8.4-8.8	N/C
2600-3100	Gel-chem	35-40	8.8-9.4	15 8

- 7. Auxiliary equipment.
 - a. bit float.
 - b. full opening stabbing valve to be used when kelly is not in the string.
- 8. Logging Coring Testing.

Logging: Induction Electric Log, Formation Compensated Density, Gamma Ray Caliper.

ABNORMAL TEMPERATURES, PRESSURE, OR HAZARDOUS CONDITIONS:
 None Expected.

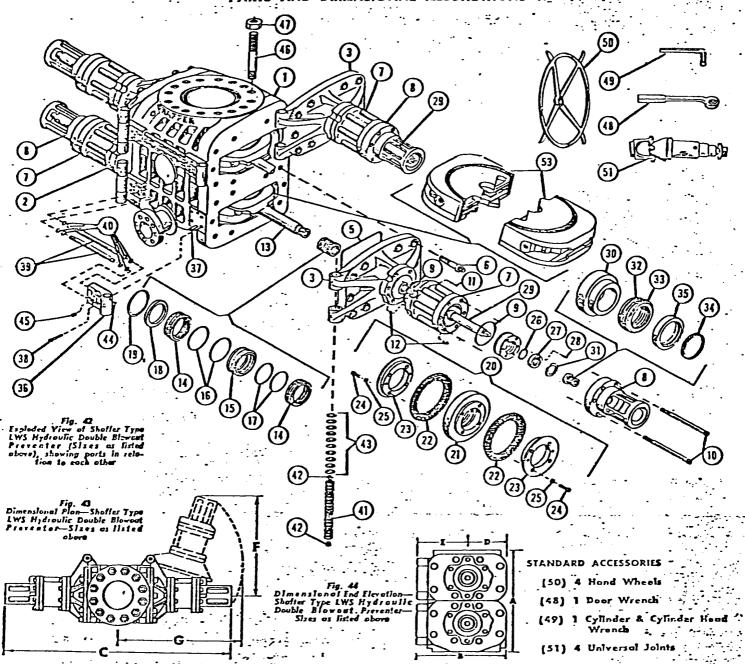
10. STARTING DATE:

Anticipated starting date is <u>5-1-1980</u>. Approximately six days will be needed to build roads and location and drill the well to total depth. If commercial, completion will commence immediately and require ten days.

SHAFFER HYDRAULIC BLOWOUT PREVENTERS (Potented)

TYPE LWS PREVENTERS—8", 3000 Lb. & 5000 lb.—10", 5000 Lb. 12", 3000 Lb.—13%", 5000 Lb.—16", 3000 Lb.

PARTS AND DIMENSIONAL ILLUSTRATIONS .-



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