Form 3160-3 (November 1983) (formerly 9-331C)	DEPARTMEN BUREAU OF	LAND MANAG	NTERIC EMENT	o DR	BMIT IN ' Other instru reverse si	de)	5. LEASE DESIGNATION NM 43556	31, 1985
APPLICATIO	N FOR PERMIT	<u>TO DRILL, D</u>	DEEPEN	I, OR	PLUG B	ACK	6. IF INDIAN, ALLOTTE	OB TRIBE NAME
b. TYPE OF WELL		DEEPEN []	Pl	UG BAC	к 🗆	7. UNIT AGREEMENT N	AMB
WELL XX W	AB OTHER		SINGI Zone	* 🗆	MULTIPI Zone	- 🗆	S. FARM OR LEASE NAI	¥3
2. NAME OF OFERATOR Hanagan Petroleum Corporation						UNOCAL-HPC FEDERAL		
						9. WELL NO.		
P.O. Box 1737, Roswell, New Mexico 88202						#1		
4. LOCATION OF WELL (Beport location clearly and in accordance with any State culler and 1991						10. FIELD AND POOL, OR WILDCAT		
At surface						Livingston Ridge Del.		
1650' FNL & 1980' FEL 🖌 🌈				O. C. D.			11. SEC., T., E., M., OR I AND SURVEY OR AN	BLK. Ela
At proposed prod. zon	le	W. G			A, OFFICE		Sec. 1 - T22S	- R31F
14. DISTANCE IN MILES	AND DIRECTION FROM NEA	REST TOWN OR POST	OFFICE*				12 COUNTY OF BADIET	1 10
	AND DIRECTION FROM NEA						12. COUNTY OR PARISH	
37 miles nor	theast of Lovin	i <mark>g, New Mexi</mark> o		F ACRES II	N LEASE	17. NO. 0	Eddy	18. state NM
37 miles nor 15. DISTANCE FROM PROPU LOCATION TO NEARBEST PROPERTY OF LEASE 1	theast of Lovin	i <mark>g, New Mexi</mark> o	CO 16. No. 0		N LEASE	TO TI	Eddy F ACRES ABSIGNED	
37 miles nor lo. Distance from Property LOCATION TO NEAREST PROPERTY OR LEASE 1 (Also to Degreat drig 18. DISTANCE FROM TROP	theast of Lovin NBED* (NE, FT. 2. unit line, if any) OSED LOCATION*	ng, New Mexid	CO 16. No. 0	9.81		40 ¹⁰	Eddy F ACRES ABSIGNED	
37 miles nor 15. DISTANCE FROM PROPU- LOCATION TO NEARES: PROPERTY OR LEASE L (Also to nearest drig	theast of Lovin see* r unit line, if any) osed Location* Rilling, Completed.	ng, New Mexid	CO 16. NO. O 15	9.81 SED DEPTH		40 20. rotai	Eddy FACEER ARSIGNED IIS WELL ACTES	
37 miles nor Location to Nearess PROPERTY OR LEASE 1 (Also to Dearest drig 18. DISTANCE FROM TROD TO NEAREST WELL, D OR APPLIED FOR, ON TH 21. ELEVATIONS (Show wh	theast of Lovin r JNE, FT. S. unit line, if any; OSED LOCATION* RILLING, COMPLETED, IS LEASE, FT.	ng, New Mexid	СО 16. No. о 15 19. гкоро	9.81 SED DEPTH		40 20. rotai	Eddy FACEER ARSIGNED IIS WELL acres	NM
37 miles nor Location to nearest PROPEETY OR LEASE 1 (Also to degreat drig 18. DISTANCE FROM FROD TO NEAREST WELL, D OR APPLIED FOR, ON TH 21. ELEVATIONS (Show whe 3575, 6	theast of Lovin r JNE, FT. S. unit line, if any; OSED LOCATION* RILLING, COMPLETED, IS LEASE, FT.	ng, New Mexid	СО 16. No. о 15 19. гкоро	9.81 SED DEPTH		40 20. rotai	Eddy F ACRES ABSIGNED IIS WELL acres IY OB CABLE TOOLS CATY	NM RK WILL START*
37 miles nor Location to Nearess PROPERTY OR LEASE 1 (Also to Dearest drig 18. DISTANCE FROM TROD TO NEAREST WELL, D OR APPLIED FOR, ON TH 21. ELEVATIONS (Show wh	theast of Lovin r JNE, FT. S. unit line, if any; OSED LOCATION* RILLING, COMPLETED, IS LEASE, FT.	ig, New Mexic	<u>со</u> 16. №. о 15 19. ркоро 850	9.81 Sed depth)'	1	40 20. rotal Rot	Eddy F ACRES ARSIGNED IIS WELL ACTES TO OB CABLE TOOLS CATY 22. APPROX. DATE WO	NM RK WILL START* 91
37 miles nor Location to nearest PROPEETY OR LEASE 1 (Also to degreat drig 18. DISTANCE FROM FROD TO NEAREST WELL, D OR APPLIED FOR, ON TH 21. ELEVATIONS (Show whe 3575, 6	theast of Lovin r JNE, FT. S. unit line, if any; OSED LOCATION* RILLING, COMPLETED, IS LEASE, FT.	ig, New Mexic	CO 16. NO. O 15 19. PROPO 8500	9.81 Sed depth)'	PROGRAM	40 20. rotal Rot	Eddy F ACBEN ABSIGNED IIS WELL acres IT OB CABLE TOOLS tary 22. APPROX. DATE WO. July 1, 199	NM RK WILL START* 91 1) 1-P Potash
37 miles nor 15. DISTANCE FROM PROPELOCATION TO NEAREST PROPERTY OR LEASE L (Also to nearest dril) 18. DISTANCE PROM PROF TO NEAREST WELL, D OR APPLIED FOR, ON TH 21. ELEVATIONS (Show what 35.75,6 23.	theast of Lovin JOED* (INE, FT. S. Unit line, if any) OSED LOCATION* RILLING, COMPLETED, IS LEASE, FT. ether DF, RT, GR. etc.) GR	PROPOSED CASIN	CO 16. NO. O 15 19. PROPO 8500	9.81 Sed depth O'	PROGRAM	TO TH 40 20. ROTAL ROT	Eddy F ACREN ABSIGNED IIS WELL acres IT OR CABLE TOOLS tary 22. APPROX. DATE WO. July 1, 199 CITY'S POTOSN	NM RK WILL START* 91 <u>1) (-P Pot</u> ash T
37 miles nor 15. DISTANCE FROM PROPELOCATION TO NEAREST PROPERTY OR LEASE L (Also to nearest dril) 18. DISTANCE PROM PROF TO NEAREST WELL, D OR APPLIED FOR, ON TH 21. ELEVATIONS (Show what 35.75,6 23.	theast of Lovin JEED* TINE, FT. S. Unit line, if any; OSED LOCATION* RILLING, COMPLETED, IS LEASE, FT. ether DF, RT, GR. etc.) GR 81ZE OF CASING	PROPOSED CASIN	CO 16. NO. OF 15. PROPO 8500 G AND CH DT	9.81 SED DEPTH O' EMENTING	PROGRAM	TO TH 40 20. ROTAL ROT	Eddy F ACBEN ABSIGNED IIS WELL acres IY OB CABLE TOOLS tary 22. APPROX. DATE WO July 1, 199 CITY'S POTCSN/ QUANTITY OF CEMEN ated - 800 sad	NM BK WILL START* 91 <u>iiiP Pot</u> ash <u>T</u> cks

Hanagan Petroleum Corporation proposes to drill and test the Delaware Formation. Approximately 750' of surface casing will be set with cement circulated to the surface. Approximately 4500' of intermediate casing will be set and cement will be circulated to the surface. Should commercial production **be** indicated, production casing will be run and cemented with adequate cover to isolate and protect, perforation and stimulation as needed.

See Attached Supplemental Drilling Data for further information.

Post ID-1 6-38-91 Newbor & API

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any,

24. BIGNED Autol D Hang	TITLE ASST. Vice Preside	ent DATE 5/20/91
(This space for Federal or State office use)		
PERMIT NO.	APPROVAL DATE	
APPROVED BY	ு. TITLE தே ழித்தில் № இல் லிரு வி	DATE 6-20-91
APPROVAL SUBJECT TO		DATE
GENERAL REQUIREMENTS AND		
SPECIAL STIDULATIONS	Instructions On Reverse Side	

The BUBUIS.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.