Form 9-331 C

SUBMIT IN TRIPLICATE*

Form approved. Budget Bureau No. 42-R1425.

(0)

ther instructions reverse side)	039 -	317	54

(May 1900)	U)	NITED STATES ENT OF THE IN	reverse si	de) آ	30-03 5. LEASE DESIGN	4 3 / 754 ATION AND BERIAL NO.
	GEO			act 90		
		ACK	6. IF INDIAN, AL	LOTTEE OR TRIBE NAME		
	ION FOR PERM	II IO DRILL, DE	EPEN, OR PLUG B	- CK		illa Apache
1a. TYPE OF WORK	DRILL [X	DEEPEN 🗌	PLUG BAG	CK 🗆	7. UNIT AGREEM	ENT NAME
b. TYPE OF WELL OIL WELL	GAS X OTHE	R	SINGLE MULTIP	LE	8. FARM OR LEA	SE NAME
2. NAME OF OPERATO		McHuah			Chris 9. WELL NO.	
3. ADDRESS OF OPERA	AMOR		07401		3A	
	Box 234,	Farmington, NM				Mesaverde
4. LOCATION OF WELL	LL (Report location clearly		any State requirements.*)		11. SEC., T., B., I	
Γ	1850' FSL 7	90' FEL	_		AND SURVET	OR AREA
At proposed prod	d. zone					T27N, R3W
	ILES AND DIRECTION FROM				Rio Arri	parish 13. STATE
30 15. DISTANCE FROM	miles south of	Dulce, New Mex	100 16. NO. OF ACRES IN LEASE	17. No. 0	F ACRES ASSIGNE	· · ·
LOCATION TO NE	Carest Case Line, et.	790'		TO TE	HIS WELL	320
(Also to neares	proposed LOCATION*	Annroy	19. PROPOSED DEPTH	20. ROTAL	BY OR CABLE TOO	LS
	ELL, DRILLING, COMPLETED,		COOO I		Dotamy	
TO NEAREST WE OR APPLIED FOR, (ON THIS LEASE, FT.	1/2 mile	6200'	<u>.</u>	Rotary	AND WORK THILL STADES
or applied for, of 21. Elevations (Sho	ow whether DF, RT, GR, et	1/2 mr re 1	6200	<u> </u>		-78
or applied for, of 21. Elevations (Sho	ON THIS LEASE, PT.	1/2 11e	6200 AND CEMENTING PROGR		22. APPROX. D	
or applied for, of the state of	on this tease, Fr. w whether DF, RT, GR, et	PROPOSED CASING	AND CEMENTING PROGR		22. APPROX. D	-78
or applied for, of the state of those of those state of those stat	on this tease, Fr. w whether DF, RT, GR, et	PROPOSED CASING	S AND CEMENTING PROGRES		22. APPROX. D 5-15	-78 FCEMENT
or applied for, of the state of	on this leads, Ft. w whether DF, RT, GR, et GR Size of Casino	PROPOSED CASING WEIGHT PER FOO	AND CEMENTING PROGR		22. APPROX. D 5-15	-78
21. ELEVATIONS (Sho 7160) 23. SIZE OF HOLE 12-1/4"	on this lease, Pt. w whether DF, RT, GR, et SIZE OF CASING 8-5/8	PROPOSED CASING WEIGHT PER FOO 32.30#	S AND CEMENTING PROGRES		22. APPROX. D 5-15	-78 FCEMENT
21. ELEVATIONS (Sho 7160 23. SIZE OF HOLE 12-1/4" 7-7/8"	size of casing 8-5/8" 4-1/2" O drill well with	PROPOSED CASING WEIGHT PER FOO 32.30# 10.5#	S AND CEMENTING PROGRES	set 4-1	22. APPROX. D 5-15 QUANTITY 0 200 S 1000 S X	FCEMENT EX (2 stages)
21. ELEVATIONS (Sho 7160) 23. 81ZE OF HOLE 12-1/4" 7-7/8" Plan to to surfice clean of the s	size of Casino 8-5/8" 4-1/2" o drill well with face in two stage out after frac,	PROPOSED CASING RECEIT PER FOO 32.30# 10.5# th mud thru Mesages, selectively run 1-1/4" tubi	s and cementing progr setting depth 200' 6200' averde formation	set 4-1 ac Mesa	QUANTITY O QUANTITY O 200 s 1000 sx	-78 FCEMENT X (2 stages) g and cement mation,
21. ELEVATIONS (Sho 7160) 23. 81ZE OF HOLE 12-1/4" 7-7/8" Plan to to surfice clean of the s	size of Casino 8-5/8" 4-1/2" o drill well with face in two stage out after frac,	PROPOSED CASING RECEIT PER FOO 32.30# 10.5# th mud thru Mesages, selectively run 1-1/4" tubi	s AND CEMENTING PROGRET 200' 6200' 6200' averde formation, perforate and fring and complete w	set 4-1 ac Mesa	QUANTITY O QUANTITY O 200 s 1000 sx	-78 FCEMENT X (2 stages) g and cement mation,
21. ELEVATIONS (Sho 7160) 23. SIZE OF HOLE 12-1/4" 7-7/8" Plan to to surficlean of the surfice	size of casing 8-5/8" drill well with face in two stage out after frac, see hydraulic blooding at the manual BOM	PROPOSED CASING RECTIFIED 1 WEIGHT PER FOO 32.30# 10.5# th mud thru Mesages, selectively run 1-1/4" tubic powout preventer while completations.	s AND CEMENTING PROGRES TO SETTING DEPTH 200' 6200' averde formation y perforate and fring and complete we furnished by rig ing, and 600 series	set 4-1 ac Mesa	QUANTITY O QUANTITY O 200 s 1000 sx	-78 FCEMENT X (2 stages) g and cement mation,
21. ELEVATIONS (Sho 7160) 23. SIZE OF HOLE 12-1/4" 7-7/8" Plan to to surficlean of the surfice	size of Casino 8-5/8" 4-1/2" o drill well with face in two stage out after frac, see hydraulic blogate manual BOF	PROPOSED CASING RECEIT PER FOO 32.30# 10.5# th mud thru Mesages, selectively run 1-1/4" tubi	s AND CEMENTING PROGRES TO SETTING DEPTH 200' 6200' averde formation y perforate and fring and complete we furnished by rig ing, and 600 series	set 4-1 ac Mesa	QUANTITY O QUANTITY O 200 s 1000 sx	-78 FCEMENT X (2 stages) g and cement mation,
21. ELEVATIONS (Sho 7160) 23. SIZE OF HOLE 12-1/4" 7-7/8" Plan to to surficlean of the surfice	size of casing 8-5/8" drill well with face in two stage out after frac, see hydraulic blooding at the manual BOM	PROPOSED CASING RECTIFIED 1 WEIGHT PER FOO 32.30# 10.5# th mud thru Mesages, selectively run 1-1/4" tubic powout preventer while completations.	s AND CEMENTING PROGRES TO SETTING DEPTH 200' 6200' averde formation y perforate and fring and complete we furnished by rig ing, and 600 series	set 4-1 ac Mesa	QUANTITY O QUANTITY O 200 s 1000 sx	-78 FCEMENT X (2 stages) g and cement mation,
21. ELEVATIONS (Sho 7160) 23. SIZE OF HOLE 12-1/4" 7-7/8" Plan to to surficlean of the surfice	size of casing 8-5/8" drill well with face in two stage out after frac, see hydraulic blooding at the manual BOM	PROPOSED CASING RECTIFIED 1 WEIGHT PER FOO 32.30# 10.5# th mud thru Mesages, selectively run 1-1/4" tubic powout preventer while completations.	s AND CEMENTING PROGRES TO SETTING DEPTH 200' 6200' averde formation y perforate and fring and complete we furnished by rig ing, and 600 series	set 4-1 ac Mesa	QUANTITY O QUANTITY O 200 s 1000 sx	-78 FCEMENT X (2 stages) g and cement mation,

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. 4-28-78 Petroleum Engineer Thomas A. Dugar SIGNED (This space for Federal or State office use) PERMIT NO. _ TITLE . APPROVED BY ... CONDITIONS OF APPROVAL, IF ANY :

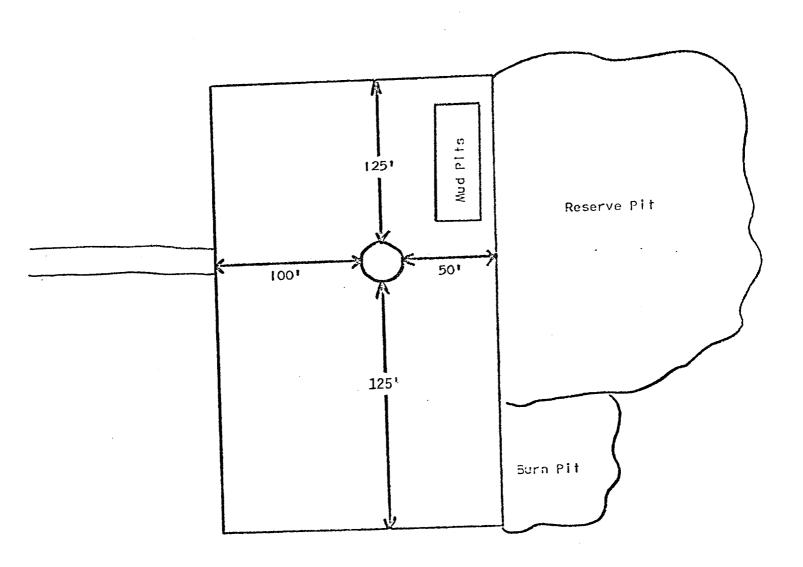
of Frak

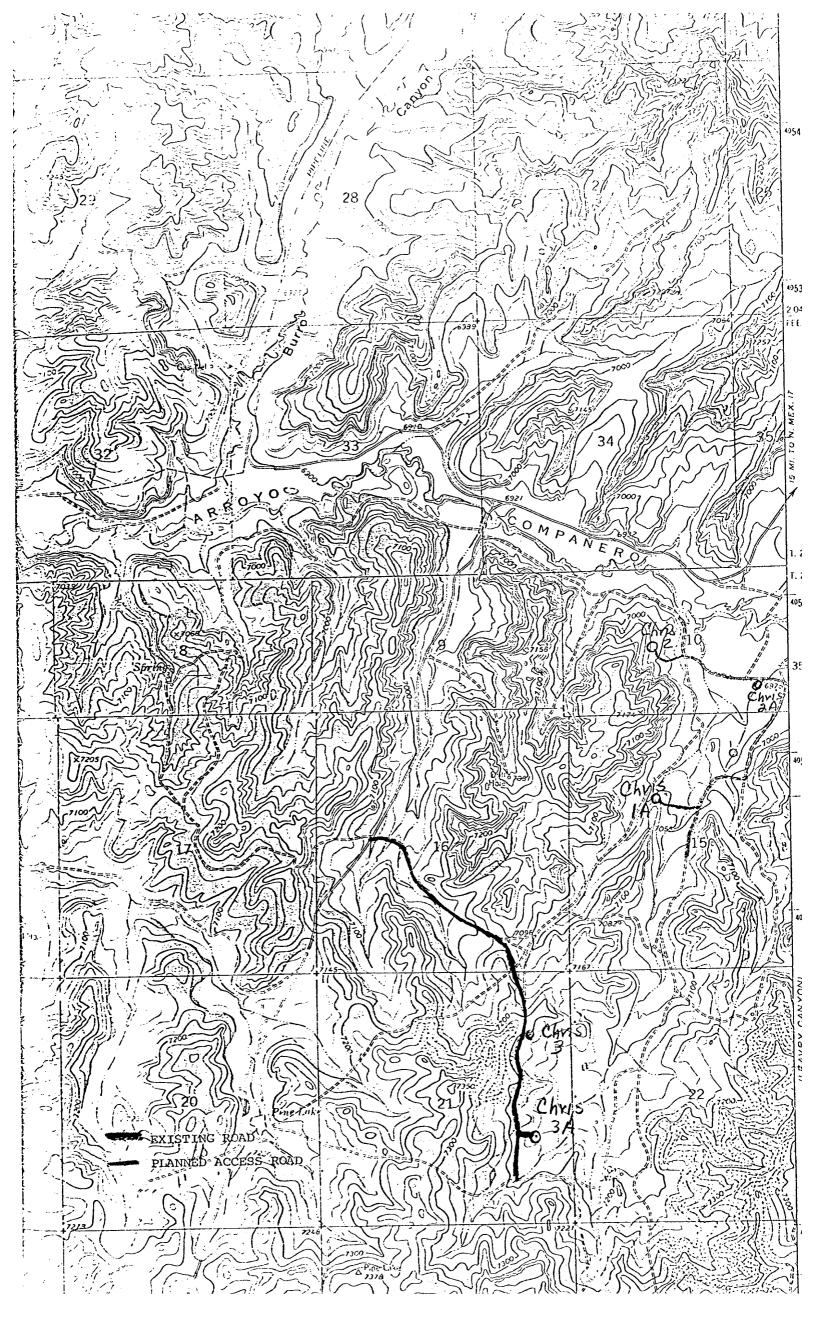
NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section.

			m the outer boundaries of	the Section.	Well No.
Operator	ome P. McHugh		Chris		3A
Unit Letter	Section	Township	Range	County	
1	21	27 North	3 West	Rio Arrib	a
Actual Footage Loca					
1850	feet from the	South line and	790 fee	et from the East	line
Ground Level Elev.	Producing For	000111	Pool	 -	Dedicated Acreage:
7160	T .	Verde	Blanco		-300 320 Acres
 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). If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consoli- 					
Yes If answer this form i	No If a is "no," list the f necessary.)	ed to the well until all	iptions which have a	actually been consolid	nated. (Use reverse side of nmunitization, n approved by the Commis-
		SEC. 21		Position Pos	il 25, 1978 ed Professional Engineer and Surveyor
				Certifica	_
0 330 660	90 1320 1650 1	980 2310 2640 200	0 1500 1000	500 0	E.V.Echohawk LS

JEROME P. MC HUGH
CHRIS #3A





DEVELOPMENT PLAN

 JEROME	P.	MC	HUGH	
CHRIS	5 3	Α		

_		-	٠,		7.7		7			.
1.	Existing	roads	and	existing	wells	are	shown	on	attached	plat.

2.	Planned access from	existing road approximately 700 to new location.	Will
	leave natural grass	and small vegetation on roadway. Will remove large br	cush
	or trees from road.	Do not plan to make road grade or bar ditches. Will	
	bottom-out any arrov	vo we cross and not install culverts.	

3. Location of well:	1850' FSL 790' FEL
	Sec. 21, T27N, R3W
	Rio Arriba County, NM

- 4. 5 additional well(s) planned on this lease at this time.
- 5. Separator and flow line will be located within 50' of wellhead.
- 6. Water will be secured from Companero Arroyo or La Jara Wash
- 7. Waste materials will be buried on location or in reserve pit.
- 8. No permanent camp is planned; trailer house will be used on location while drilling.
- 9. Do not plan to build airstrip.
- 10. See attached plat for proposed location layout.
- 11. A general description of the topography, soil characteristics, geologic features, flora and fauna; other surface-use activities and surface ownership of involved lands, proximity of water, occupied dwellings, archeological, historical or cultural sites can be found in the archeologist's report.
- 12. Geologic name of surface formation: San Jose
- 13. Estimated tops of important geologic markers:

Ojo Alamo 3375 - Water Pictured Cliffs 3835 - Gas Mesa Verde 5682 - Gas

- 14. Estimated depths of anticipated water, oil, gas, or other mineral bearing formations which are expected to be encountered:
- 15. We do not anticipate to encounter any abnormal pressures or temperatures or any potential hazards such as those associated with hydrogen sulfide.
- 16. Will clean up location, fill and level pits, level ruts in road, reseed location and road with Seed Mixture #2 and paint equipment with Pinon Green .
- 17. Operator's Representative:

Box 234
Farmington, NM 87401

18. Certification: The following statement must be signed by the lessee's or operator's field representative who is identified in Item #17 of the Plan:

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 Jerome P. McHugh

and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

Date: April 28, 1978

Thomas A. Dugan

Drafaccional Datrolaum Fraincar