SUBMIT IN TRIPLICATE.

tions on de)

Form approved. Budget Bureau No. 42-R1425.

UNITED STATES	(Other instruct
DEPARTMENT OF THE INTERIOR	

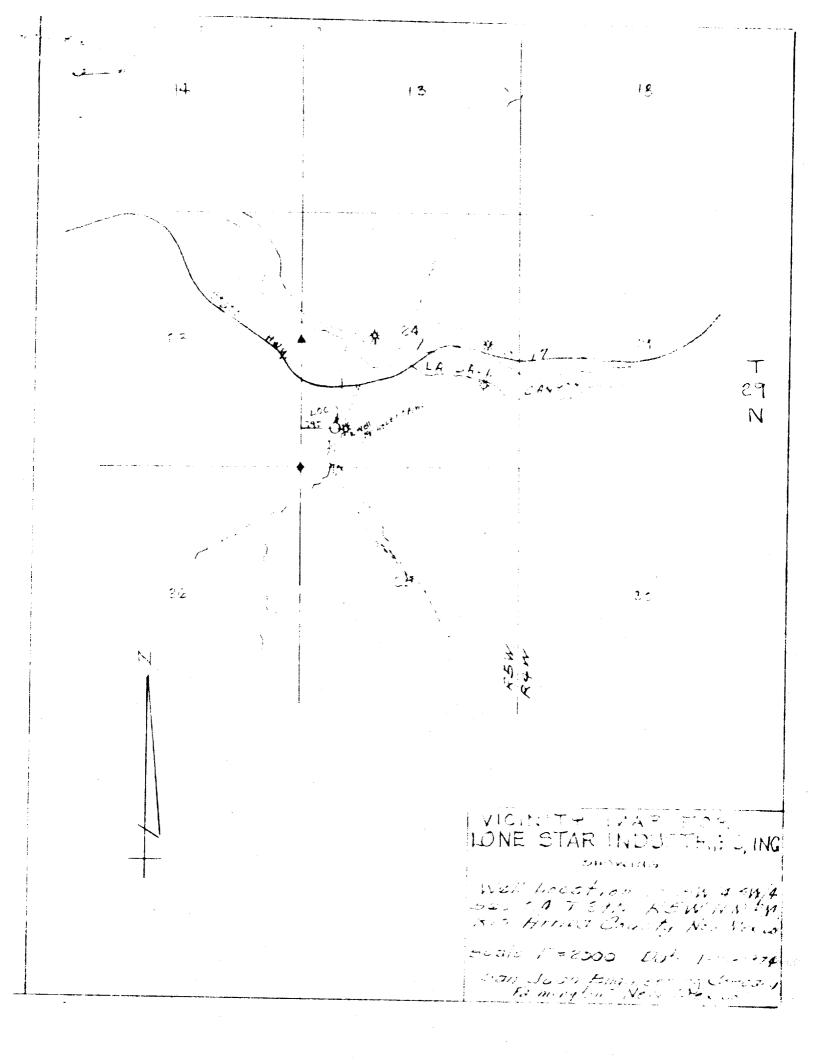
	_30 039 - 20808
	5. LEASE DESIGNATION AND SERIAL NO.
	NM-4452
_	& THE THOUGHT

P		ENT OF THE		RIOR		5. LEASE DESIGNATION AND	SERIAL NO.
GEOLOGICAL SURVEY						NM-4452	
	ON FOR PERM	IT TO DRILL,	DEEP	EN, OR PLUG E	BACK	6. IF INDIAN, ALLOTTEE OR	TRIBE NAME
a. TYPE OF WORK	RILL 🛛	DEEPEN		PLUG BA	CK 🗆	7. UNIT AGREEMENT NAME	
. TYPE OF WELL						•	
WELL OIL	WELL OTHE	R.		ONE ZONE	,re	8. FARM OR LEASE NAME	
NAME OF OPERATOR						SCHALK - 52)
ONE SIAR I	NDUSTRIES,	INC.				9. WELL NO.	
ADDRESS OF OPERATO	SCHALK	ON NEW MEN	/ T C O	0.74.01		10. FIELD AND POOL, OR W	W.D.C.
LOCATION OF WELL (78 FARMINGT Report location clearly	and in accordance w	ith any	State requirements.*)		- \	
	HE SOUTH IT	NE 7001 E	OM -	THE WEST LINE		BLANCO MESA VE	.KDE
At proposed prod. z	one	NL, /90 F	KUM	INE MESI LINE	•	AND SURVEY OR AREA	
ECTION 24,	TOWNSHIP 2	9 NORTH, RA	ANGE	5 WEST		SEC. 24, T-29	
					-	12. COUNTY OR PARISH 13	. STATE
+U MILES EA 5. distance from pro	ST OF BLOOM	FIELD, NEW		CO O. OF ACRES IN LEASE		RIO ARRIBA NE	W MEXIC
LOCATION TO NEARE PROPERTY OR LEASE	ST Line, Ft.	700 5557	10. N		17. NO.	OF ACRES ASSIGNED THIS WELL	
(Also to nearest di 8. DISTANCE FROM PRO	rig. unit line, if any)	790 FEET	10 0	548.52 ROPOSED DEPTH	00 50=	160	*
TO NEAREST WELL, OR APPLIED FOR, ON T	DRILLING, COMPLETED.	120'	10. 1		20. ROT.	ABY OR CABLE TOOLS	Ť.
. ELEVATIONS (Show w	hether DF, RT, GR, etc		<u> </u>	5800'	<u> </u>	ROTARY 22. APPROX. DATE WORK V	FILL STARTS
		6525 ¹				JANUARY 25,	
3.			NG AN	D CEMENTING PROGRA	M	I UMNUART 25,	19/4
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER I		SETTING DEPTH	7		<u></u>
2-1/4"	8-5/8"	24 #			ļ	QUANTITY OF CEMENT	
7-7/8"	4-1/2"	10.5#		250' 5800'		250 SACKS 300 SACKS	
ILL DRILL ILL RUN AN	INDUCTION	LOG & FORMA	40 I T		IPER	DRMATION. GAMMA RAY LOG SING & PERFORAT	F
S NEEDED.		, .			0,13	THO GIERIORAL	_
		_ESTIMA	TED	TOPS:			
	OJO A			2615 '			
	KIRTL			2855	Á		
	FRUIT	LAND RED CLIFFS		3202! 3470!	<i>f</i>	•	
	LEWIS	KLD CLIFF3		3560°	*		
	·· -	HOUSE		5350 '	,		
	POINT	LOOKOUT		5664		N.ST. A	
	TOTAL	DEPTH		5800 '		The state was the second	
ADOVE ODION CHACTI	DE DECEMBER PROSECTION	Té puoposed de de .					
ie. If proposai is to	drill or deepen direct	in proposal is to dee ionally, give pertinen	pen or p t data o	ling back, give data on pr n subsurface locations an	esent prod d measure	ductive zone and proposed nevel and true vertical depths. (v productive Bive blowout
eventer program if a	ny.						
	3 WY	~ (Y)					
8IGNED		XXXX	TLE A	GENT		DATE JANUARY	<u>21, 1</u> 9
(This space for Fed	eral or State office use)		A	<u>-</u>		
DEPMIT NO							
PERMIT NO.				APPROVAL DATE		 	
APPROVED BY			TLE		-	DATE	
CONDITIONS OF APPRO	YAL, IF ANY :				<u> </u>		
<						Jan 1874	

MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACERAGE DEDICATION PLAT All distances must be from the outer boundaries of the Section Operator LONE STAR INDUSTRIES INC., -SCHALK Well No. Unit Letter Section Township County 24 29 NORTH 5 WEST Actual Footage Location of Well: RIO ARRIBA 790 feet from the SOUTH line and 790 Ground Level Elev feet from the WEST Producing Formation 6525.0 Dedicated Avereage: MESA VERDE BLANCO MESA VERDE 1. Outline the acerage dedicated to the subject well by colored pencil or hachure marks on the plat below. 160 Acres 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (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 If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this form if No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forcedbeen approved by the Commission. CERTIFICATION JAN 28 1974 I hereby certify that the information contained OIL CON. COM herein is true and complete to the pist. 3 JOHN E. SCHALK AGENT LONE STAR INDUSTRIES, INC. JANUARY 21, 1974 Sec 24 I hereby certify that the well location shows on this plat was plotted from field notes of actual N surveys made by me or under my supervision, that the same is true and correct to the best of my 16 James Register Professional Engineer and/or Hand Surveyor

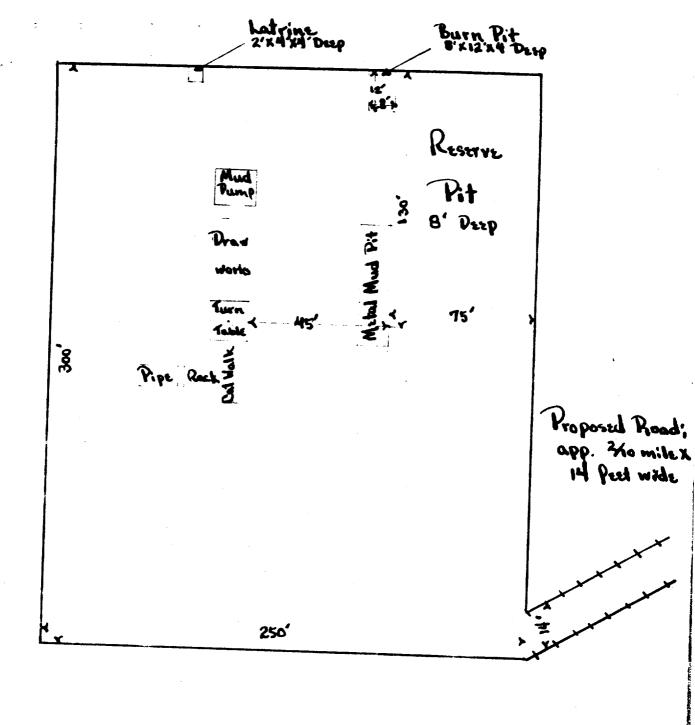
Certificate No.



Forest Service	culture	. > a. Record no	(1-2) Paris (2.4)	OMB No. 40=R3495
,		8	(0.0)	c. Forest (5-6)
SPECIA	l lise	2	70	
APPLICATION A	AND REPORT	d. District (7	-8) e. User number	(9-12) f. Kind of use (13-15)
. Ref: FSM		₩ ₩		İ
		∟ g. State (16.1	7) h. County (18-2	0) k. Card No. (21)
		FORES		
PART I - APPLICATION	To be completed by			
" reprication is nevery made to	or a permit to Mr.	ional Forest land as in	dicated bit	
	401 W 11.41)			
A ONE ACRE PLOT AN ACCESS ROAD I R-5W AS SHOWN OF	IN THE SW/4 RIGHT-OF-WAY N THE ATTACH	SECTION 24, THROUGH THE ED MAR LEASE	T-29N, R-5W / SW/4 OF SECTI NO. NM-4452.	AND RECONSTRUCT ION 24, T-29N,
2. Purpose of use.			ere e e e e e e e e e e e e e e e e e e	
CONSTRUCTING AND	DRILLING TH	TE SCHALK 50	WELL NO 5	
		- 00///LK 32	WELL NO. 5 GA	S WELL.
Land Area applied for For Right	tts-of-Ray show length a 1/4 (Miles) or 1320		icres, for other uses show a	nžesi
Improvements a. Description	(Feer)	× Width	(Feet)	Acres
IMPROVEMENTS WILL AN ACCESS ROAD, S PARAPHENALIA NECE PRODUCTION OF NAT	SSARY FOR DO	A ONE ACRE G , COLLECTION !ILLING, MAIN	AS WELL LOCAT PITS AND OTH TENANCE, AND	ION, ER
. Plans uttached y Yes	No. If "NO" show d	ate plans will be furnishe		
Estimated cost	d. Construction	n will begin within		I be completed within
12 000 00			i.	. se completed within
12,000.00		ONE Menths)		1-1/2
e of Application Applican	ts name and signature	orentas)	Applicant's addres	1-1/2 Winths)
ANUARY 21,	(1, 1, 1)	^ ^	pypiicant's addres	s
1974	ROWS EVG	Maux	P.O. BOX	2078
			FARMINGT	ON, NEW MEXICO
()	יוטאט ב יי	NIA CIZ	1	87401
	JOHN E. SC	, TALK		ZIP ()-

(OVER)

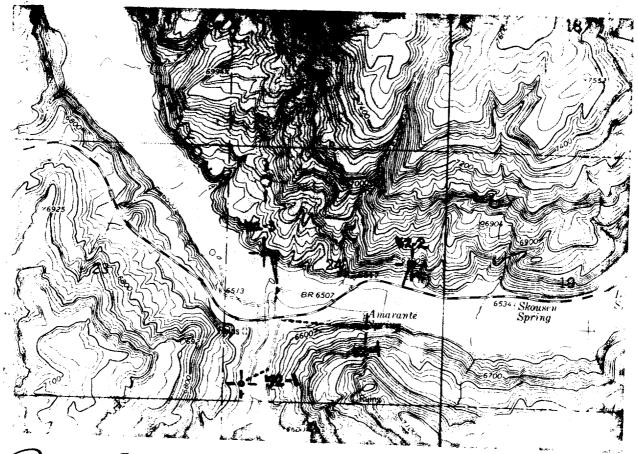
2700-3 (7 71)



North

Norm

John E. Schalk Lone Stor Industries 52-1 SEC 24, T29N, R5W



Proposed Road; app. 1/2 mile long

John E. Schalk Lone Star Industries 52-1 SEC. 24, T29N, R5W

0

Mile

SUBMIT IN TRIPLICATE*

Form approved. Budget Bureau No. 42-R1425.

(Other instructions on reverse side)

30-039

ONIII	נט:	SIAH	ES	
DEPARTMENT	OF	THE	INTEDIAL	`
	O.	1111	INTERIO	7

<u>~~~</u> Q3				
5. LEASE DESIG	NATION	AND 8	BRIAL	NO.
NM-44				•

A DDL IC A TI		LOGICAL SURVI			NM-4452
1a. TYPE OF WORK	ON FOR PERMI	T TO DRILL, D	DEEPEN, OR PLUG	BACK	6. IF INDIAN, ALLOTTEE OR TRIBE NAMI
	DRILL 🛛	DEEPEN [PLUG BA	ACK 🖂	7. UNIT AGREEMENT NAME
OIL WELL	CAS WELL X				
2. NAME OF OPERATOR			SINGLE MULT ZONE ZONE	IPLE _	8. FARM OR LEASE NAME
LONE STAR	INDUSTRIES, I	NC	•		SCHALK - 52
C/O JOHN	" SCHALK				9. WELL NO.
P.O. BOX 2	078 FARMINGTO	N. NEW MEX	CO 87401 any State requirements.*)		10. FIELD AND POOL, OR WILDCAT
At surface	(meport focation clearly a	nd in accordance with	any State requirements.*)		BLANCO MESA VERDE
/9U' FROM At proposed prod.	THE SOUTH LIN zone	E, 790' FRO	M THE WEST LIN	Ε,	11. SEC., T., R., M., OR BLE. AND SURVEY OR ARMA
SECTION 24 14. DISTANCE IN MILE	TOWNSHIP 29 B AND DIRECTION FROM N	NORTH RAN	IGE 5 WEST		SEC. 24, T-29 N, R-
40 MILES EA	AST OF BLOOME	IFID NEW M	EVICO	1	12. COUNTY OR PARISH 13. STATE
LOCATION TO NEAD	Pom	ILLUS NEW M	16. NO. OF ACRES IN LEASE		RIO ARRIBA NEW MEXI
(Also to nearest of	Plg. Unit line if any	790 FEET	548.52	TO TH	IS WELL
18. DISTANCE FROM PE TO NEAREST WELL	OPOSED LOCATION*		19. PROPOSED DEPTH	20. ROTAR	Y OR CABLE TOOLS
OR APPLIED FOR, ON	whether DF, RT, GR, etc.)	120'	5800 '		ROTARY
,,	racaler Dr. R1, GR, etc.)	6.70.74			22. APPROX. DACE WORK WILL, START*
3.		6525			JANUARY 25, 1974
SIZE OF HOLE		PROPOSED CASING	AND CEMENTING PROGR	AM	
12-1/4"	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	1	QUANTITY OF CEMENT
7-7/8"	8-5/8"	24 #	250 '		250 SACKS
	4-1/2"	10.5#	5800 '	-	300 SACKS
			THE MESA VER ON DENSITY CAL L CEMENT 4-1/2		
		ESTIMATE			
	OJO ALA	MO	2615'		
	KIRTLAN		28551		
	FRUITLA	ND D CLIFFS	3202		
	LEWIS	D CLIFFS	3470 '		
	CLIFF H	OUSE	3560 ' 53 5 0'		
	POINT L		5664 '		
	TOTAL DE	EPTH	5800¹		
ABOVE SPACE DESCRIBE	PROPOSED PROGRAM: If p	proposal is to deepen o		sent producti	ve zone and proposed new productive
venter program if an	< \$. n	of pertinent dat	a on subsurface locations and	measured an	ve zone and proposed new productive id true vertical depths. Give blowout
SIGNED WILL	xions	TITLE _	AGENT		DATE JANUARY 21, 19
(This space for Fede	ral or State office use)				
PERMIT NO.			APPROVAL DATE	••	$\left(\left(\frac{1}{2} \right)^{-1} + \left(\frac$
APPROVED BY		TITLE			
CONDITIONS OF APPROV	L, IF ANY ;	TITLE			DATE

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACERAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section Operator LONE STAR INDUSTRIES INC., -SCHALK Well No. Schal Unit Letter Township County M 29 NORTH 5 WEST RIO ARRIBA Actual Footage Location of Well: 790 feet from the SOUTH line and 790 feet from the WEST Ground Level Elev. Producing Formation 6525.0 Dedicated Avereage; MESA VERDE BLANCO MESA VERDE 160 Acres 1. Outline the acerage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (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 If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this form if No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-

Description of the standard unit, eliminating such interests, has been approved by the Commission.

CERTIFICATION

I hereby certify that the information contained harein is true and complete to the best of my workfage and building.

Name

LONE STAR INDUSTRIES, INC.

Date

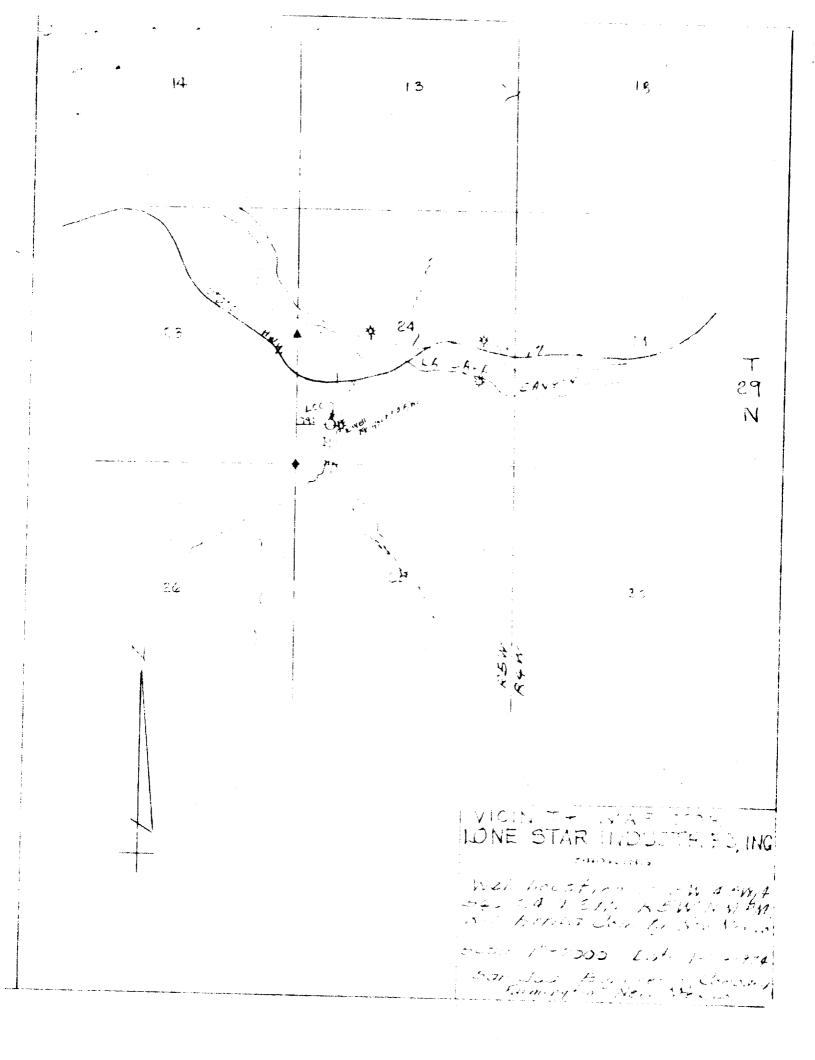
JANUARY 21, 1974

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

16 January 1974

Date Surveys made and correct to the best of my knowledge and belief.

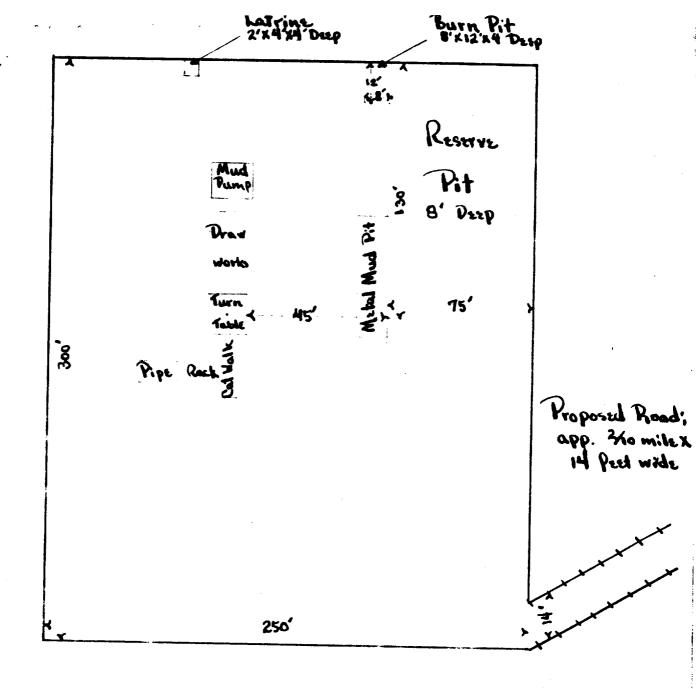
Certificate No.



whites States Department of Agric	culture	> a. Record no. (1 01	OMB No. 40-R 5495			
Porest Service	•	3	(3.4)	c. Forest (5-6)			
COECIA	1100		70				
APPLICATION A	- USE	d. District (7-8	e. User number (9-12) / Kind /			
		d. District (7-8)		9-12) f. Kind of use (13-15)			
. Ref: FSM	2712	ÿ					
		9. State (16-17)	h. County (18-20	k. Card No. (21)			
		FORES					
PART I - APPLICATION (To be completed b						
Tree incurrent is nereby made to	C C Dermit to use N-	tional Forest land as indi	cated helow.				
	ar m (1241)						
A ONE ACRE PLOT AN ACCESS ROAD R R-5W AS SHOWN ON	IN THE SW/L RIGHT-OF-WAY	F SECTION 24, THROUGH THE SHED MAR LEASE N	T-29N, R-5W A SW/4 OF SECTI IO. NM-4452.	ND RECONSTRUCT ON 24, T-29N,			
. Purpose of use.			· · · · · · · · · · · · · · · · · · ·				
CONSTRUCTING AND	DRILLING T	HE SCHALK 52 W	ELL NO. 5 GAS	WELL			
			J GAL	MCLL.			
Land Area applied for (For Righ)	ts-of-Tay show loose	· · · · · · · · · · · · · · · · · · ·					
Land Area applied for /For Righ	1/4	and uidth und convert to acr	es, for other uses show a:	r. si			
Length in:	(Miles) or 1320	V W: 4.4	18	_			
••••	(Feer)	× Width	(Feet)				
Improvements				(Acres)			
a. Description				•			
IMPROVEMENTS WILL AN ACCESS ROAD, S	CONSIST OF	A ONE ACRE CA	C 1454				
AN ACCESS ROAD, S PARAPHENALIA NECE	TORAGE TANK	S. COLLECTION	S WELL LOCATI	ON,			
PARAPHENALIA NECES PRODUCTION OF NATIONALITY	SSARY FOR D	RILLING, MAINT	PIIS AND OTHE	i.R			
PRODUCTION OF NATI	URAL GAS.	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	LIMANCE, AND				
Plans attached Yes							
Estimated cost	No. If "NO" show	date plans will be furnished					
	d. Construction	on will begin within	e. Construction will	be completed within			
12,000.00	ļ			Tompreted Within			
		ONE		1-1/2			
e of Application Applicant	s name and signature	Months)	· · · · · · · · · · · · · · · · · · ·	·Winths)			
1			Applicant's address				
ANUARY 21, 1974	ところ くこん	$(Y) \sim (Y)$	P.O. BOX	2070			
73/4	ame en		FARMINGTA	ZU/8			
			· · · · · · · · · · · · · · · · · · ·	N, NEW MEXICO			
	JOHN E. S	CHALK	*	87401			

(OVER)

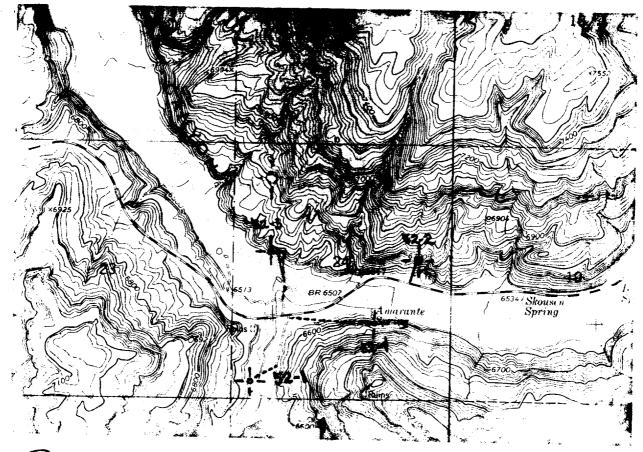
2700-3 17 711



North

50

John E. Schalk Lone Stor Industries 52-1 SEC 24, T29N, R5W



Proposed Road; app. 1/2 mile long

John E. Schalk Lone Star Industries 52-1 SEC 24, T29N, R5W

Mile