

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-21365

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM - 6894		
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR JOHN E. SCHALK			7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR P. O. BOX 2078, FARMINGTON, NEW MEXICO 87401			8. FARM OR LEASE NAME LONE STAR INDUSTRIES- SCHALK-94		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1188' FROM THE SOUTHLINE, 1107' FROM THE WESTLINE At proposed prod zone			9. WELL NO. 3		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 25 MILES NORTH & EAST OF AZTEC, NEW MEXICO			10. FIELD AND POOL OR WILDCAT PICTURED CLIFFS		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 1107'			11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA SEC. 26, T-32N, R-8W		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 150'			12. COUNTY OR PARISH 13. STATE SAN JUAN NEW MEXICO		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6877.0 GR			16. NO. OF ACRES IN LEASE 640		
23. PROPOSED CASING AND CEMENTING PROGRAM			17. NO. OF ACRES ASSIGNED TO THIS WELL 160		
			19. PROPOSED DEPTH 4200'		
			20. ROTARY OR CABLE TOOLS ROTARY		
			22. APPROX. DATE WORK WILL START* OCTOBER 20, 1973		

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	300'	200 SKS.
7-7/8"	4-1/2"	10.5#	4200'	300 SKS.

WILL DRILL WITH ROTARY TOOLS TO TEST THE PICTURED CLIFFS FORMATION.
WILL RUN AN INDUCTION LOG AND FORMATION DENSITY CALIPER GAMMA RAY
LOG AT TOTAL DEPTH. IF PRODUCTIVE, WILL CEMENT 4-1/2" CASING AND
PERFORATE AS NEEDED.

ESTIMATED TOPS

KIRTLAND 2959'
PICTURED CLIFFS 3693'



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 or gas, if any.

24. John E. Schalk TITLE OPERATOR DATE 10/19/73
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [Signature] TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

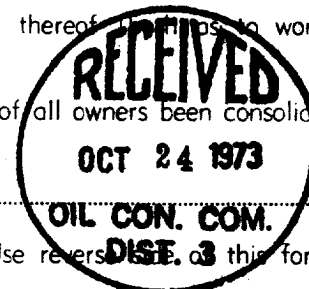
Operator John E Schalk LONG STAR INDUSTRIES - SCHALK		Lease Cone Star Industries Schalk 94		Well No. 3
Unit Letter M	Section 26	Township 32 NORTH	Range 8 WEST	County SAN JUAN
Actual Footage Location of Well:				
1188 feet from the SOUTH line and		1107 feet from the WEST line		
Ground Level Elev. 6877.0	Producing Formation PICTURED CLIFFS	Pool Wc	Dedicated Acreage: 160	Acres

1. Outline the acreage 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, including 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 consolidated. (Use reverse of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

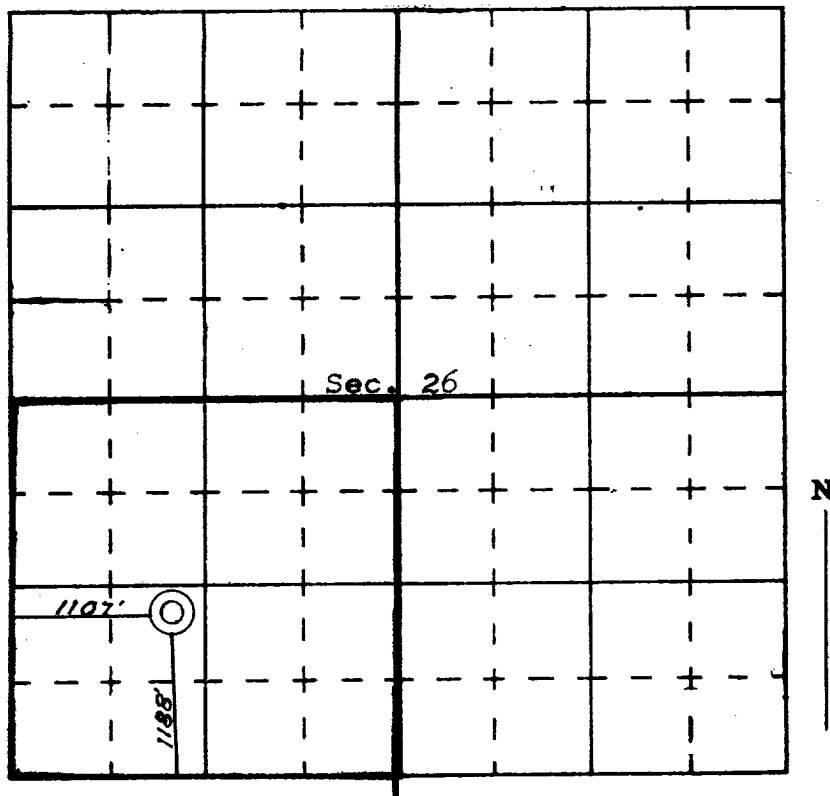
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

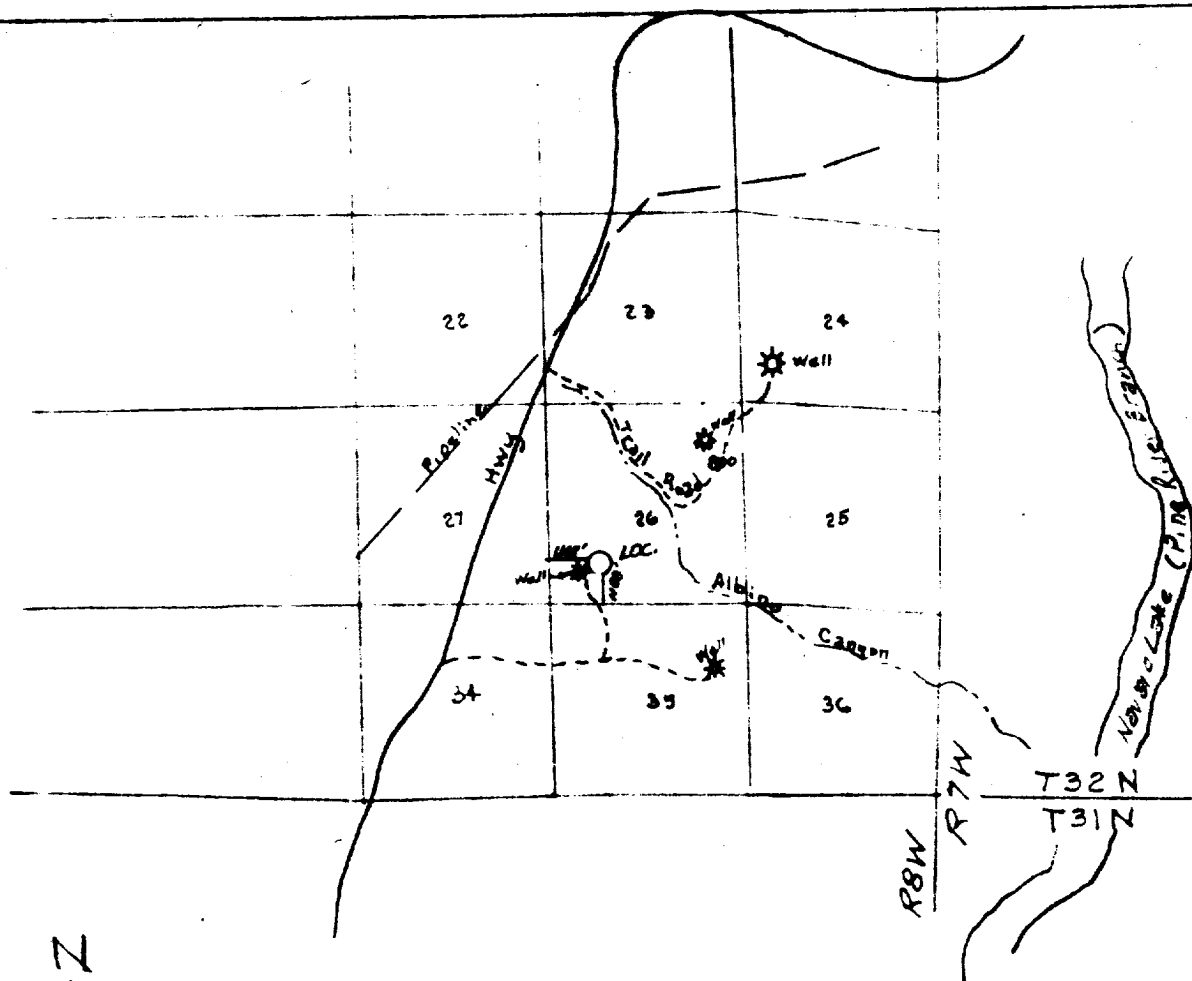
John E. Schalk
Name _____
OPERATOR
Position _____

Company _____
Date **10-19-73**

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.

Date Surveyed **18 October 1973**
Registered Professional Engineer and/or Land Surveyor
James P. Leese
JAMES P. LEESE
1963
Certificate No. **JAMES P. LEESE**





OCT 23 1973

LOCALITY MAP
FOR
JOHN E. SCHALK
showing
Well Location in the SW/4
of Sec. 26, T32N, R8W, N.M.P.M.
San Juan County, New Mexico
Scale: 1" = 1 mile

San Juan Engineering Company

Farmington, New Mexico