

Permit #: 20009

County: Holt

CONFIDENTIAL UNTIL: _____

Date Issued: 1-30-86

Date Cancelled: _____

Date Plugged: 4-4-86

COMMENTS:

OCC FORMS	Date Received
1	
2	
3	1-30-86
3i	
4	1-30-86
4i	
5	2-16-86
6	
7	2-16-86
8	
11	
12	
Misc. Form 2	

	TYPE	ID #	Date Received
Logs			
Samples	chip core		
	water		
Analyses	core		

Additional Submitted Data:

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

APPLICATION TO DRILL DEEPEN PLUG BACK

for an oil well or gas well

NAME OF COMPANY OR OPERATOR The Stone Petroleum Corp. DATE 01/23/86
P. O. Box 52807 OCS, Lafayette Louisiana 70505
Address City State

DESCRIPTION OF WELL AND LEASE

Name of lease Francis Schultz Well number 1 Elevation (ground) 869.8

WELL LOCATION (give footage from section lines)
990 ft. from (N) (S) sec. line 1657 ft. from (E) (W) sec. line

WELL LOCATION Section 20 Township 63 Range 40 County Holt

Nearest distance from proposed location to property or lease line: 314 feet
Distance from proposed location to nearest drilling completed or applied for well on the same lease: N.A. feet

Proposed depth 4,000' Drilling contractor, name & address EDCO, Eureka, Kansas Rotary or Cable Tools Rotary Approx. date work will start February 3, 1986

Number of acres in lease 80 Number of wells on lease, including this well, completed in or drilling to this reservoir: zero
Number of abandoned wells on lease: zero

If lease, purchased with one or more wells drilled, from whom purchased: Name N.A. No. of Wells: producing
injection
inactive
abandoned

Status of Bond Single Well Amt. Blanket Bond Amt. \$30,000 ON FILE ATTACHED

Remarks (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone) use back of form if needed.

Table with 2 main columns: Proposed casing program and Approved casing -- To be filled in by State Geologist. Each column has sub-columns for amt., size, wt./ft., and cem. with handwritten entries.

I, the undersigned, state that I am the Drilling Representative of the Stone Petroleum Corp. (company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.
Signature C. F. Smith

Permit Number 20009
Approval Date 1/30/86
Approved By James Holly Williams
Note: This Permit not transferable to any other person or to any other location.

- Drillers log required
- E-logs required if run
- Core analysis required if run

- Drill stem test info. required if run
- Samples required
- Samples not required

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JAN 30 1986

Remit two copies to: Missouri Oil and Gas Council
P.O. Box 250 Rolla, Mo. 65401
One will be returned for driller's signature

WATER SAMPLES REQUIRED @

Approval of this permit by the Oil and Gas Council does not constitute endorsement of the geologic merits of the proposed well nor endorsement of the qualifications of the permittee.

3/12/82

Missouri Oil and Gas Council
INJECTION WELL LOCATION PLAT

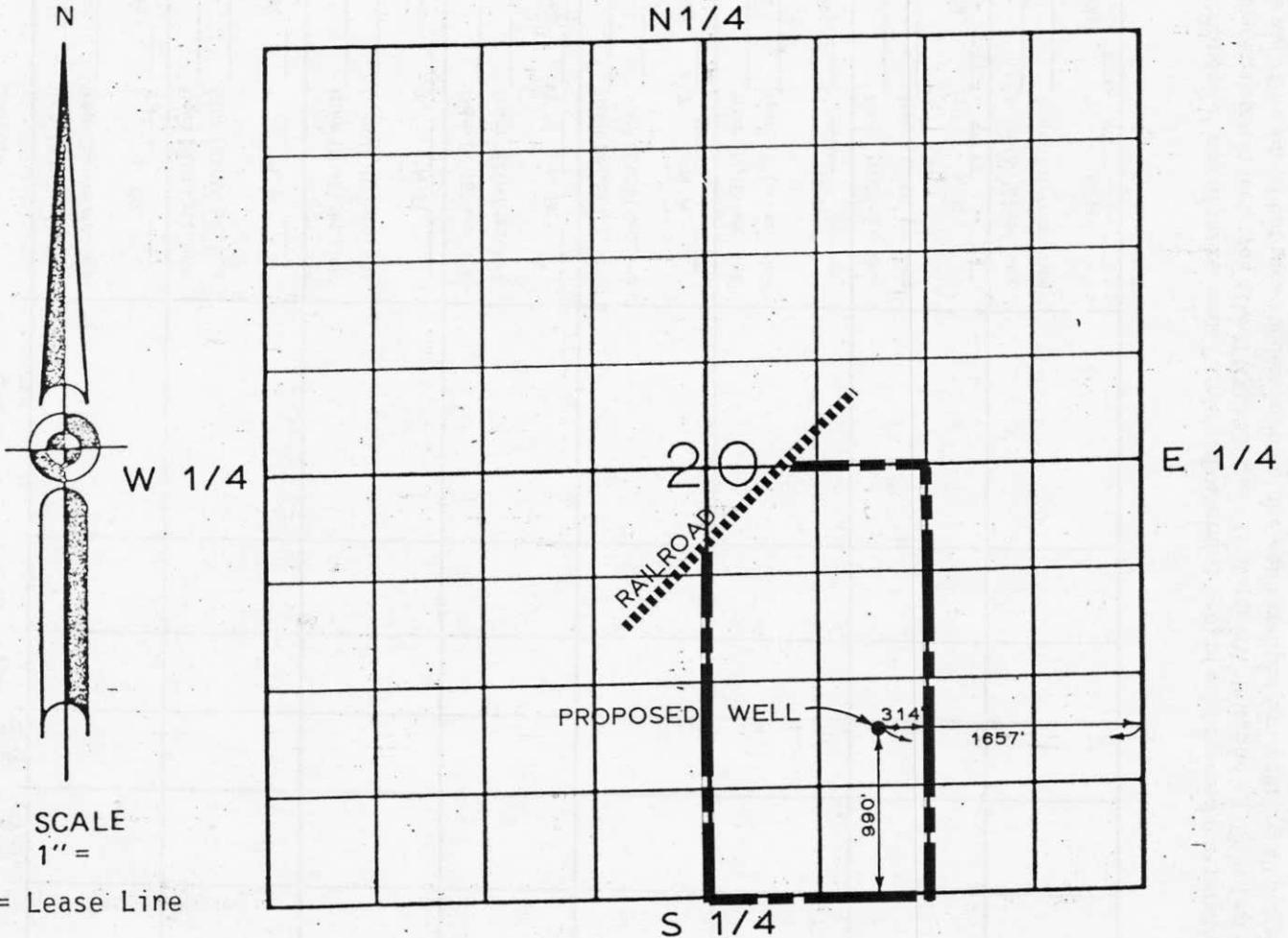
Form OGC-4-1

3.71

Owner: Stone Petroleum Corp.

Lease Name: Francis Schultz County: Holt

990 feet from S section line and 1657 feet from E section line of Sec 20, Twp. 63 N., Range 40
(N)-(S) (E)-(W)



REMARKS: The ground elevation at the proposed well site shown is 869.8 (referenced to U.S.G.S. Vertical Datum).

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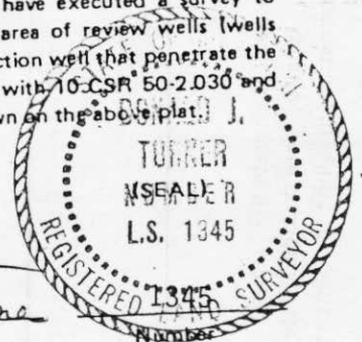
JAN 30 1986

INSTRUCTIONS

On the above plat, show distance of the proposed well from the two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 50-2.030 for survey requirements. Lease lines must be marked.

MO. OIL & GAS COUNCIL

This is to Certify that I have executed a survey to accurately locate injection and area of review wells (wells within a 1/2 mile radius of the injection well that penetrate the injection interval) in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat.

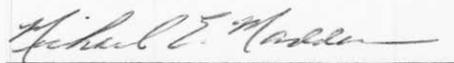


Donald J. Turner
Registered Land Surveyor

Remit two copies to: Missouri Oil and Gas Council
P.O. Box 250, Rolla, MO 65401
One will be returned.

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

New Well Workover Deepen Plug Back Injection Same Reservoir Different Reservoir Oil Gas Dry

Owner The Stone Petroleum Corporation		Address P. O. Box 52382, Lafayette, LA 70505					
Lease Name Francis Schultz		Well Number 1					
Location 1657' from EL & 990' from SL of Sec. 20				Sec., Twp., and Range or Block and Survey Sec. 20-T65N-R40			
County Holt		Permit number (OGC 3 or OGC 31) 20009					
Date spudded 3/14/86		Date total depth reached 3/30/86		Date completed, ready to produce or inject ---		Elevation (DF, RKR, RT, or Gr.) feet 869.8' GR, 876.3' PKB	
Elevation of casing hd. flange feet 869.8'							
Total depth 3,412'		P. B. T. D. --					
Producing or injection interval(s) for this completion NA				Rotary tools used (interval) From 0 to 3412'		Cable tools used (interval) From --- to ---	
Drilling Fluid used Chemical		Was this well directionally drilled? No		Was directional survey made? Yes		Was copy of directional survey filed? Yes	
Date filed Previously Filed		Type of electrical or other logs run (list logs filed with the State Geologist) DIL-SFL-GR, BHC-GR, EPT-ML-GR, CNL-LDT-GR, HRD, CDR, Vel. Survey					
Date filed Previously Filed							
CASING RECORD							
Casing (report all strings set in well -- conductor, surface, intermediate, producing, etc.)							
Purpose	Size hole drilled	Size casing set	Weight (lb. ft.)	Depth set	Sacks cement	Amt. pulled	
Surface	14 3/4"	9 5/8"	36	159	136	9.5'	
TUBING RECORD							
LINER RECORD							
Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement Screen (ft.)	
PERFORATION RECORD				ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD			
Number per ft	Size & type	Depth Interval		Amount and kind of material used		Depth Interval	
INITIAL PRODUCTION							
Date of first production or injection		Producing method (indicate if flowing, gas lift, or pumping -- if pumping, show size and type of pump)					
Date of test	Hrs. tested	Choke size	Oil produced during test bbls.	Gas produced during test MCF	Water produced during test bbls.	Oil gravity API (Corr.)	
Tubing pressure	Casing pressure	Cal'ed rate of Production per 24 hours	Oil bbls.	Gas MCF	Water bbls.	Gas -- oil ratio	
Disposition of gas (state whether vented, used for fuel or sold):							
Method of disposal of mud pit contents: Pumped downhole after setting cement plug at 2,841' - 2,796'.							
CERTIFICATE: I, the undersigned, state that I am the <u>Production Engineer</u> of the <u>Stone Petroleum Corporation</u> (company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.							
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JUL 16 1986							
				 Signature			
MO. OIL & GAS COUNCIL							

Schultz #1

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description (See * below)
Lansing	588'		
BKC	908'		
Mississippian	1806'		
Kinderhook	1936'		
Hunton	2190'		
Maquoketa	2800'		
Viola	2830'		
Granite Wash	3040'		
Precambrian	3300'		

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JUL 1967

*Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS

Attach drillers log or other acceptable log of well. Submit analysis of injection interval formation waters.

**Missouri Oil and Gas Council
PLUGGING RECORD**

Form OGC-7

Owner The Stone Petroleum Corp.		Address P. O. Box 52382, Lafayette, LA 70505			
Name of Lease Francis Schlutz		Well No. 1	Permit Number (OGC-3 or OGC-3I number) 20009		
Location of Well 1657' from EL & 990' from SL of Sec. 20-T63N-R40			Sec-Twp-Rng or Block & Survey	County Holt	
Application to drill this well was filed in name of The Stone Petroleum Corp.		Has this well ever produced oil or gas? No	Character of well at completion (initial production) Oil (bbls/day) --		Gas (MCF/day) --
Date Abandoned 4/4/86		Total depth 3,412'	Amount well producing prior to abandonment Oil (bbls/day) --		Gas (MCF/day) --
Water (bbls/day) --	Dry? Yes				
Name of each formation containing oil or gas. Indicate which formation open to well bore at time of abandonment.	Fluid content of each formation	Depth interval of each formation	Size, kind, & depth of plugs used. Indicate zones squeeze cemented, giving amount cement.		
None			15 sx-3027'-2982'; 2841'-2796'; 2183'-38'; 1778'-33'; 906'-876'. 20 sx-243'-183'; 125'-Surf 10 sx in rathole		
Size pipe	Put in well (ft)	Pulled out (ft)	Left in well (ft)	Give depth and method of parting casing (shot, ripped, etc.)	Packers and shoes
9 5/8"	159'	9.5'	149.5'	Cut 3' BGL	Rubber & wood plug at 125'
Was well filled with mud-laden fluid? Yes	Indicate deepest formation containing fresh water.				
NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE					
Name Wesley Christen, et al	Address 408 Calhoun, Rock Port, MO 64482			Direction from this well: East	
Elmer W Mitchell, et ux	Fairfax, MO 64446			North	
Bryan W Nauman, et al	Rt 1, Box 81, Rock Port, MO 64482			West	
Helen A Dunlap, Et Vir	14710 Folkstone, Waverly, NB 68469			South	
I-29 and County Road				South	
Method of disposal of mud pit contents: Pumped downhole after setting cement plug at 2841'-2796'	RECEIVED				
Use reverse side for additional detail.	JUL 16 1986				
File this form in duplicate with	MO. OIL & GAS COUNCIL				
CERTIFICATE: I, the undersigned, state that I am the <u>Production Engr.</u> of the <u>Stone Petroleum Corp.</u> (Company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.					
	Signature <u>Michael E. Hadden</u>				

Remit two copies to: Missouri Oil and Gas Council
P.O. Box 250, Rolla, MO 65401

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description (See * below)
See Form	OGC-5		

*Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS:

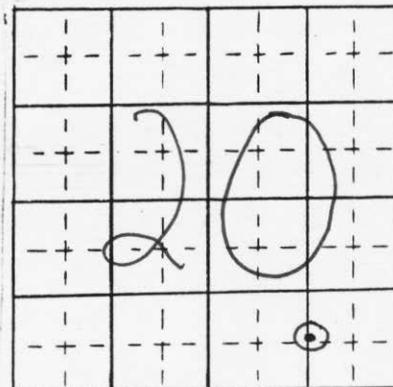
Attach drillers log or other acceptable log of well if available

This Well Completion or Recompletion report and well log shall be filed with the Missouri State Geologist not later than 30 days after project completion.

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES, ROLLA, MISSOURI

COUNTY Holt
 COMPANY OR OWNER Stone Petroleum
 FARM _____ WELL NO. Schultz #1
 LOCATION 1657' FEL & 990' FSL SEC 20 T 63N R 40W
 CONTRACTOR/DRILLER Edco
 COMMENCED _____ COMPLETED _____
 PRODUCTION _____
 CASING RECORD _____
 WATER RECORD _____
 SOURCE OF LOG _____
 REMARKS OGC #20009

MGS LOG NO. 28642



ELEV. 869.8'
 TOTAL DEPTH 3412'
 SWL _____

NO. SAMPLES _____ SAMPLES RECEIVED 3-23-87

Logged by Ken Deason

FORMATION	FROM (ft)	TO (to)	*	FORMATION	FROM (ft)	TO (to)
Douglas -- Shawnee Group	0	585	*			
Kansas City -- Lansing Group	585	910	*			
Marmaton -- Pleasanton Group	910	1175	*			
Cherokee Group	1175	1795	*			
Devonian System	1795	2450	*			
Silurian System	2450	2800	*			
Ordovician System	2800	3230	*			
Precambrian	3230	3414	*			