Permit #: 20022

Date Issued: 12-1-81

County: Bates

Date Cancelled:

CONFIDENTIAL UNTIL:

Date Plugged: 11-19-81

OGC FORMS	Date Received
1	
2	
3	11-30-81
3i	
4	
4i	
5	
6	
7	11-81
8	
11	
12	
Misc. Form 2	

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

Additional Submitted Data:

COMMENTS:

strat test
Fm@TD Warner

MISSOURI OIL AND GAS COUNCIL

Form OGC - 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL ☑ DEEPEN ☐ PLUG BACK ☐

NAME OF COMPANY OR OPERATOR TOSCO Production Finance Corp. DATE 11/27/81

10100 Santa Monica Blvd. (Address) Los Angeles (City) California (State) 90067

DESCRIPTION OF WELL AND LEASE

Name of lease	Well number	Elevation (ground)
W.L. Herndon	CH-11H	887.3

WELL LOCATION (give footage from section lines)
139 ft. from (S) sec. line 2618 ft. from (E) sec. line

WELL LOCATION Section 10 Township 38N Range 33W County Bates

Nearest distance from proposed location to property or lease line: 139 feet

Distance from proposed location to nearest drilling, completed or applied – for well on the same lease: 0 feet

Proposed depth	Rotary or Cable tools	Approx. date work will start
450'	Rotary	A.S.A.P.

Number of acres in lease: 240

Number of wells on lease, including this well, completed in or drilling to this reservoir: 1

Number of abandoned wells on lease: 0

If lease purchased with one or more wells drilled, from whom purchased: Name _____ Address _____

No. of Wells: producing _____ inactive _____ abandoned _____

Status of Bond: Single Well ☐ Amt _____ Blanket Bond ☑ Amt. $20,000 ☑ 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.

Proposed casing program				Approved casing – To be filled in by State Geologist			
amt.	size	wt./ft.	cem.	amt.	size	wt./ft.	cem.

I, the undersigned, state that I am the geologist of the Carmel Energy, Inc. (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 Reynold M. Fellows

RECEIVED NOV 30 1981 MO OIL & GAS COUNCIL

Permit Number 20022

Approval Date 12/1/81

Approved By [illegible] IRS

Note: This Permit not transferable to any other person or to any other location

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

DISTRIBUTION
1 COPY - HOUSTON
1 COPY - DEERFIELD
P.O. BOX 59
DEERFIELD, MO 64741
1 copy TOSCO

☑ SAMPLES REQUIRED
☐ SAMPLES NOT REQUIRED

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.

MISSOURI OIL AND GAS COUNCIL
PLUGGING RECORD

Form OGC-7

Owner: TOSCO Production Finance Corp.	Address: 10100 Santa Monica Blvd. Los Angeles, California 90067
Name of Lease: Herndon	Well No.: CH-11H Sec. 10 T38N-R33W
Location of Well: 139 FSL 2618 FEL Elev. 887.3	Sec-Twp-Rge or Block & Survey: County: Bates

Application to drill this well was filed in name of	Has this well ever produced oil or gas	Character of well at completion (initial production) Oil (bbls/day)	Gas (MCF/day)	Dry?
TOSCO	NO	— — —	— — —	NO

Date Abandoned:	Total depth	Amount well producing prior to abandonment. Oil (bbls/day)	Gas (MCF/day)	Water (bbls./day)
11/19/81	448	— —	— — —	— — —

Name of each formation containing oil or gas. Indicate which formation open to wellbore 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.
Warner	Oil + Water	340'-360', 380'-390', + 427'-438'.	

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
NONE					

Was well filled with mud-laden fluid? Yes

Indicate deepest formation containing fresh water. NONE

NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE

Name	Address	Direction from this well:
W.L. Herndon	701 Lee St. Butler, Mo.	North East

RECEIVED
DEC 18 1981
MO. OIL & GAS COUNCIL

Method of disposal of mud pit contents: NO Pit used. (Portable Pit)

Use reverse side for additional detail
File this form in duplicate with

Well was plugged from T.D. to surface using Class A Portland Cement.

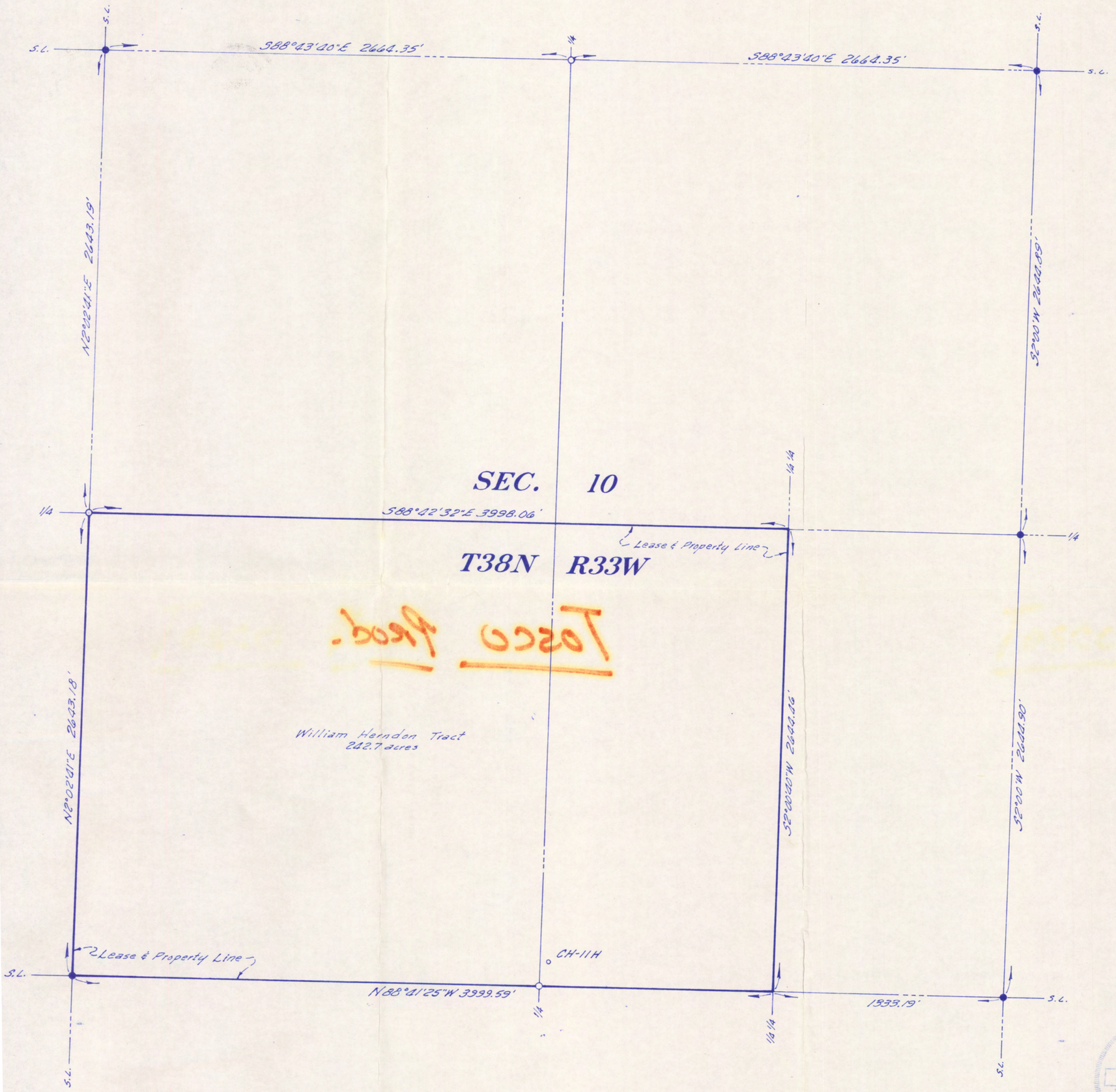
CERTIFICATE: I, the undersigned, state that I am the geologist of the Carmel Energy, Inc. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

DISTRIBUTION:
1 COPY - HOUSTON
1 COPY - DEERFIELD
P.O. BOX 59
DEERFIELD, MO 64741
1 COPY TOSCO

CONFIDENTIAL until 11-19-82 BMW

Raymond M. Follader
Signature

Remit two copies; one will be returned



o denotes Well Located
○ " Iron Pins Set
● " " " Found

Well No.
CH-11H
Elev. 887.3
2617.77' E. to E/L Sec.
139.32' S. to S/L Sec. & L.L.

RECEIVED
NOV 30 1981
MO. OIL & GAS COUNCIL

I, CHARLES M. HENRY, Missouri Registered Land Surveyor No. 1374, hereby certify that the survey shown hereon was made by me or under my direction and that said survey is true and complete as shown.

Date: November 25, 1981 Signed: Charles M. Henry

MISSOURI No. LS-1374 CHARLES M. HENRY REGISTERED LAND SURVEYOR

R. L. ELGIN & ASSOCIATES
ENGINEERS & SURVEYORS
ROLLA & NEVADA, MISSOURI

REVISIONS		
NO.	DATE	BY
1		
2		
3		
4		
5		

Well Located in Sec. 10, T38N, R33W, Bates County, Missouri

FOR Carmel Energy, Inc.
5599 San Felipe Suite 1212
Houston, Texas 77056

DRAWN BY C.M.H. SCALE 1"=400' DRAWING NO. N-834
CHK'D DATE 11/25/81