


CARR - CARROLL - HALLOCK & ASSOCIATES

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Consulting Petroleum Engineers & Geologists 14-2-30W


15-039-20431

State Geological Survey
WICHITA BRANCH

WELL PROGNOSIS

WILDCAT () DEVELOPMENT ()

Prospect/Field JORDING
Well Name Mines "B" - 1
LOCATION E/2 SE NW, SECTION 14
FOOTAGE 100' So. of CE/2 SE NW

OPERATOR: GEMINI CORPORATION
COUNTY Decatur, STATE Kansas
TOWNSHIP 2 South, RANGE 30 West
ELEVATION GR. 2800, EST, KB. 2805
2798 2803

GEOLOGICAL REQUIREMENTS

Sample Catching: Wash clean, hang in 10 sack bundles in clean, dry place. 10' samples should be in even 100' bundles.

3' samples 2500 ' to 3500 '
10' samples 3500 ' to T.D. '
5' samples as directed

SAMPLE DISPOSITION: Kansas Geological Survey, 4150 Monroe, Wichita, KS.

DRILLING TIME: Driller's keep 1' drilling time from 2500 ' to T.D. '.

LOGGING PROGRAM: Great Guns R.A. Guard Log w/ Caliper & S.P.; Detail 2500-T.D.

CORING PROGRAM: None

DST PROGRAM: As directed by wellsite geologist.

MUD PROGRAM:

Mud up @ 3500 ', Type: Drispach ;
wt. 9.32, Vis. 38-42, Waterloss
10 cc or less Oil: none
Have mud in shape for possible DST @
3805 '. Follow directions of Mud
Engineer.

GEOLOGIST CALL DEPTH 2700, STOP DEPTH
3805. Catch circulation samples
(20"-40"-60"), call geologist if not on
location.

ESTIMATED FORMATION TOPS

FORMATION	DEPTH <small>SP</small>	DATUM
Stone Corral <small>Est</small>	<u>2532 2539</u>	<u>+273 +266</u>
Base Stone Corral	<u>2565 2571</u>	<u>+240 +234</u>
Topeka	<u>3619</u>	<u>-814</u>
Heebner	<u>3735</u>	<u>-930</u>
Lansing "A" <small>3790</small>	<u>3782</u>	<u>-977</u>
"B"	<u>3810</u>	<u>-1005</u>
"C"	<u>3865</u>	<u>-1060</u>
"D"	<u>3897</u>	<u>-1092</u>
"E"	<u>3935</u>	<u>-1130</u>
"F"	<u>3967</u>	<u>-1162</u>
Base Kansas City	<u>4003</u>	<u>-1198</u>
TOTAL DEPTH:	<u>4010</u>	<u>-1205</u>

WELLSITE GEOLOGIST: Allan R. Hallock

GEOLOGICAL SUPERVISION: From 3500 to T.D.

Coowners and Participants/ Pertinent Telephone Numbers: Gemini Corporation
McCook Office 308-345-2480 (M.E. Carr)
Denver Office 303-623-4925 (A.R. Hallock)
Allan R. Hallock (home) 303-421-0689

CONTRACTOR: Murfin Drilling Co.
Pusher: Ray McCabe
Box 144
McCook, NE 69001
308-345-4056
913-673-4429 mobile (Grainfield, KS)
-4419 R192

REMARKS Lost circulation can be severe in
Dakota. Suggest pre-treatment w/LCM.

IN EVENT DRILLING CEASES FOR REPAIRS, ETC., CATCH CIRCULATION SAMPLES IF PRESENT TOTAL DEPTH IS NEAR ANY OBJECTIVE HORIZON.

11-2-78: 3250

drilling

11-3-78: P.T.D. 3715; Mud wt 9.7, Vis 31; Revised elevation 2798 62, 2803 KB;
Sample top Topeka 3629, Est Lansing @ 3790;