

Form 3160-5
(April 2004)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No 1004-0137
Expires: March 31, 2007**SUNDRY NOTICES AND REPORTS ON WELLS***Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE- Other instructions on reverse side.**1 Type of Well ☒ Oil Well ☐ Gas Well ☐ Other2 Name of Operator **BOPCO, L. P.**3a Address
P. O. Box 2760, Midland, TX 797023b. Phone No. (include area code)
432-683-2277

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface: SESE, UL P, 550' FSL, 365' FEL, Lat N32.197514, Long W103.860989
Bottom Hole: 330' FSL, 150' FEL, Sec 26, T24S, R30E, Lat N32.182408, Lg W103.842986

5. Lease Serial No.

SHL - LC068430; BHL - NM02862

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM71016F

8. Well Name and No.

Poker Lake Unit #343H

9. API Well No.

30-015-3866710. Field and Pool, or Exploratory Area
Quahada Ridge SE (Delaware)

11. County or Parish, State

Sec 22, T24S, R30E, Mer NMP**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☒ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☒ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

- 13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

BOPCO, L.P. respectfully requests the changes listed below to be approved for the above captioned well.

Based on abnormally deep sands with the potential for lost circulation as apparent on the attached mud log, BOPCO, L.P. requests deepening the surface casing set depth currently at 764' to 1260', or wherever competent anhydrite is encountered. If salt is encountered we will cease drilling, pick up 25' and set casing. The PLU 301H (section 27) showed inability to support a 10 ppg mud weight at depths as great as 908'. The attached mudlog is from the PLU Big Sinks 22 Federal 1H whose surface location is approximately 450' away from the PLU 343H.

Updated casing safety factors for 13-3/8", 54.5#, J-55 casing are as follows: BURST - 2.58; COLLAPSE - 1.83; TENSION - 14.45.

Cementing: 1200 sks of Halliburton ExtendaCem - CZ (1.68 ft3/sk; 13.7 ppg).

*Ensure surf. csg is set above the salt.***RECEIVED****AUG 29 2011**

BUREAU OF LAND MANAGEMENT

- 14 I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Pete LensingTitle **Drilling Engineer**

Signature

Date

8/11/2011**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

Title

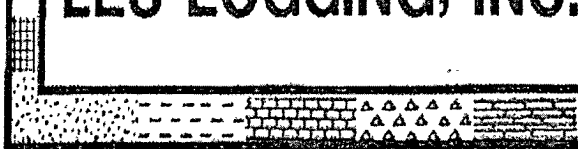
Office

APPROVED**AUG 15 2011****/s/ Chris Walls****BUREAU OF LAND MANAGEMENT**
CARLSBAD FIELD OFFICE

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

8-30-11
Accepted for record - NMOC

SUTTLES LOGGING, INC.
**HYDROCARBON WELL LOGGING
GEOLOGICAL CONSULTING**

P.O. BOX 10725, Midland, TX 79702

(432)687-3148

CO - Circulate Out LC - Lost Circulation
CON - Connection Made NB - New Bit
DC - Depth Correction NR - No Returns
DDC - Drills Depth Correc. PG - Plugged Back
DS - Directional Survey TD - Total Depth
DST - Drill Stem Test TG - Trip Gas

WOB - Weight On Bit
WT - Weight

Producer: CHESAPEAKE OPERATING, INC.

Wellname: BIG SINKS 22, FED 1H, A

Location: 32.196276, -103.861049

Survey: SESE 100' FSL 400' FEL

County, St: EDDY COUNTY, NM

Geologists: RODNEY BRYAN AND MICHAEL RUTHERFORD

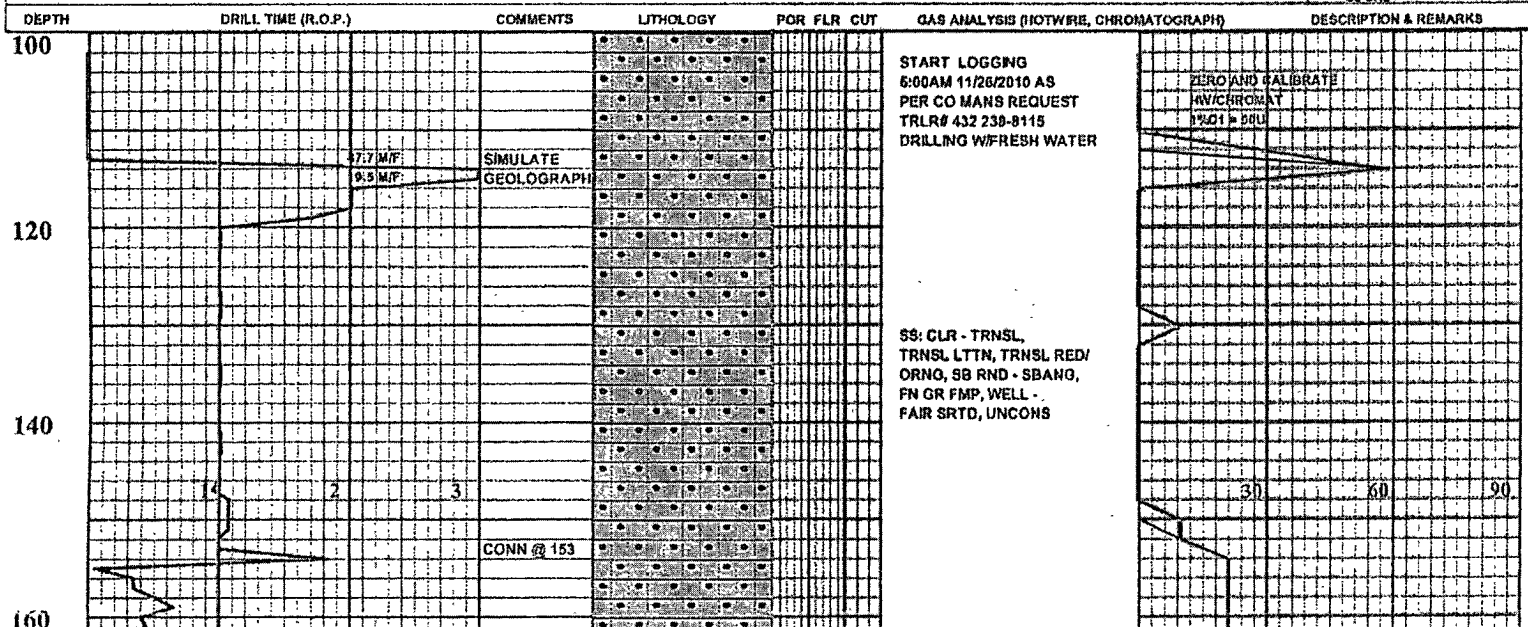
Elevation: (GL)- 3352 (KB)- 3372

Depths: (START)- 100 (TD)- 10100, Dates: 11/26/2010 TO 12/11/2010

SAND - SHALE -
LIMESTONE - NO SAMPLE -
ANHYDRITE - SALT -
DOLOMITE -

30-015-37838

Total GAS - _____
G1 GAS - _____
G2 GAS - _____
G3 GAS - _____
G4 GAS - _____
G5 GAS - _____



680

700

720

740

760

780

800

820

840

860

880

6.0 M/F

NOTE
DEPTH CORR

PASON
MALFUNC.

6.5 M/F

NOTE
DEPTH CORR

DEV 1.2 DEG
@741'

WOB 20
RPM 60
SPM 121
PP 1130
MW 10
VIS 29

DEV 1.5 DEG
@836'

SME AREN,TR CALC,VRY
SFT-CRMBLY,WATER SOL

NOTE
NO GAS OR LITHOLOGY
DUE TOE DEPTH
CORRECTION.

NOTE
NO GAS OR LITHOLOGY
DUE TOE DEPTH
CORRECTION.

SS:TRANS,VRY LT GRY,
MED-MED FNE GRN,SUB
RND-RND-SUB ANGLR,
UNCONSOLD,SME CALC,
FRIA,NO FLUOR OR CUT

LS:WHT,GRY,FNE-VFNE
XLN,SFT-VRY SFT,SHLY
IP,TR ANHY INCLUS

SH-RD,RD/BRN,BLCKY-
SUB BLCKY,DLRTHY,
SME AREN,TR CALC,VRY
SFT-CRMBLY,WATER SOL

SS:TRANS,VRY LT GRY,
MED-MED FNE GRN,SUB
RND-RND-SUB ANGLR,
UNCONSOLD,SME CALC,
FRIA,NO FLUOR OR CUT

SH-RD,RD/BRN,BLCKY-
SUB BLCKY,DLRTHY,
SME AREN,TR CALC,VRY
SFT-CRMBLY,WATER SOL

SS:TRANS,VRY LT GRY,
MED-MED FNE GRN,SUB
RND-RND-SUB ANGLR,
UNCONSOLD,SME CALC,
FRIA,NO FLUOR OR CUT

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90

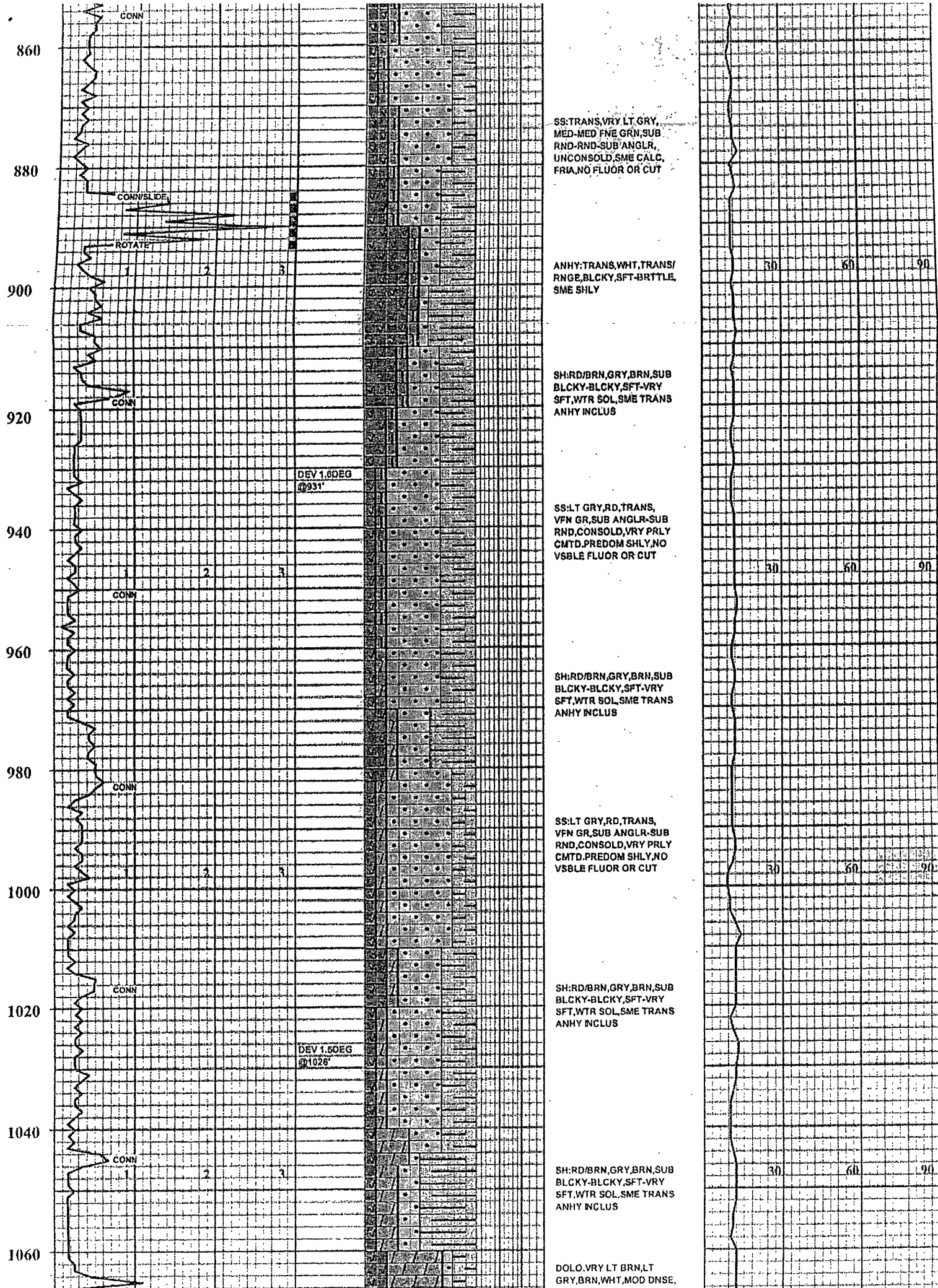
CARBIDE TRAP TEST

Max-230

30

60

90



1080

1100

1120

1140

1160

1180

1200

1220

1240

1260

CONN

OFF BOTTOM

25.4 M/F

WORK ON
PUMPS

11/29/2010

WOB 19

RPM 48

SPM 117

PP 1380

MW 9.9

VIS 32

PH 9

DEV 1.4DEG
@1121'

CONN

CONN

CONN

CONN

CONN

CONN

DOLO: VRY LT BRN, LT
GRY, BRN, WHT, MOD DNSE,
VRY SFT-SFT-CRMBLY,
PREDOM SILICDOLO: VRY LT BRN, LT
GRY, BRN, WHT, MOD DNSE,
VRY SFT-SFT-CRMBLY,
PREDOM SILICSS: GRY, LT GRY, TRANS,
VFN GR, BRDRLNNE SLT
STNE, SUB ANGLR-SUB
RND, CONSOLD, VRY PRLY
CMTD, NO FLUOR OR CUTANHY: TRANS, WHT, TRANS/
RNGE, BLCKY, SFT-BRTTLE,
SME SHLYSS: GRY, LT GRY, TRANS,
VFN GR, BRDRLNNE SLT
STNE, SUB ANGLR-SUB
RND, CONSOLD, VRY PRLY
CMTD, NO FLUOR OR CUTSH: RD/BRN, GRY, BRN, SUB
BLCKY-BLCKY, SFT-VRY
SFT, WTR SOL, SME TRANS
ANHY INCLUSSH: RD/BRN, GRY, BRN, SUB
BLCKY-BLCKY, SFT-VRY
SFT, WTR SOL, SME TRANS
ANHY INCLUSDOLO: VRY LT BRN, LT
GRY, BRN, WHT, MOD DNSE,
VRY SFT-SFT-CRMBLY,
PREDOM SILICSS: GRY, LT GRY, TRANS,
VFN GR, BRDRLNNE SLT
STNE, SUB ANGLR-SUB
RND, CONSOLD, VRY PRLY
CMTD, NO FLUOR OR CUTANHY: TRANS, WHT, TRANS/
RNGE, BLCKY, SFT-BRTTLE,
SME SHLYDOLO: CRM, LT GRY, WHT,
VFN-FNE XLN, PREDOM

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