Form 3160-5
(August 2007)

I & E Hobbs

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

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.

5. Lease Serial No.
NMLG031620A

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
SEMU 128

2. Name of Operator
CONOCO INCORPORATED
Contact: RHONDA ROGERS
E-Mail: rogerrs@conocophillips.com

9. API Well No.
30-025-34313-00-S1

3a. Address
10 DESTA DRIVE WEST, SUITE 100 W.
MIDLAND, TX 79705

3b. Phone No. (include area code)
Ph: 432-688-9174

HOBBSOCD

10. Field and Pool, or Exploratory
Multiple--See Attached

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 24 T20S R37E NESE 2490FSL 1310FEL

FEB 23 2015

11. County or Parish, and State
LEA COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE RECEIVED OF NOTICE, REPORT, OR OTHER DATA

RECEIVED

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 recomplete 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 recompletion 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.)

ConocoPhillips Company would like to P&A this wellbore per attached procedure.
Attached is a file of the camara images taken of the wellbore to identify obstructions in wellbore @ 3718'-3764'.
Attached is a current/proposed wellbore schematic.

Rejected: Wellbore to be cleaned out to enable 1st plug to be set across Top of Glorieta from 5337'-5187'. WOC Tag. 2nd Plug 3909'-3622' covers Grayburg Perfs, or set CI

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #266907 verified by the BLM Well Information System
For CONOCO INCORPORATED, sent to the Hobbs
Committed to AFMSS for processing by JIM AMOS on 10/13/2014 (15JA0016SE)

Name *(Printed/Typed)* RHONDA ROGERS — Title STAFF REGULATORY TECHNICIAN

Signature (Electronic Submission) — Date 09/29/2014

Rejected / Retracted

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By James A. Amos — Title SPET — Date 2-8-15

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. — Office CFO

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

FEB 23 2015

Additional data for EC transaction #266907 that would not fit on the form

10. Field and Pool, continued

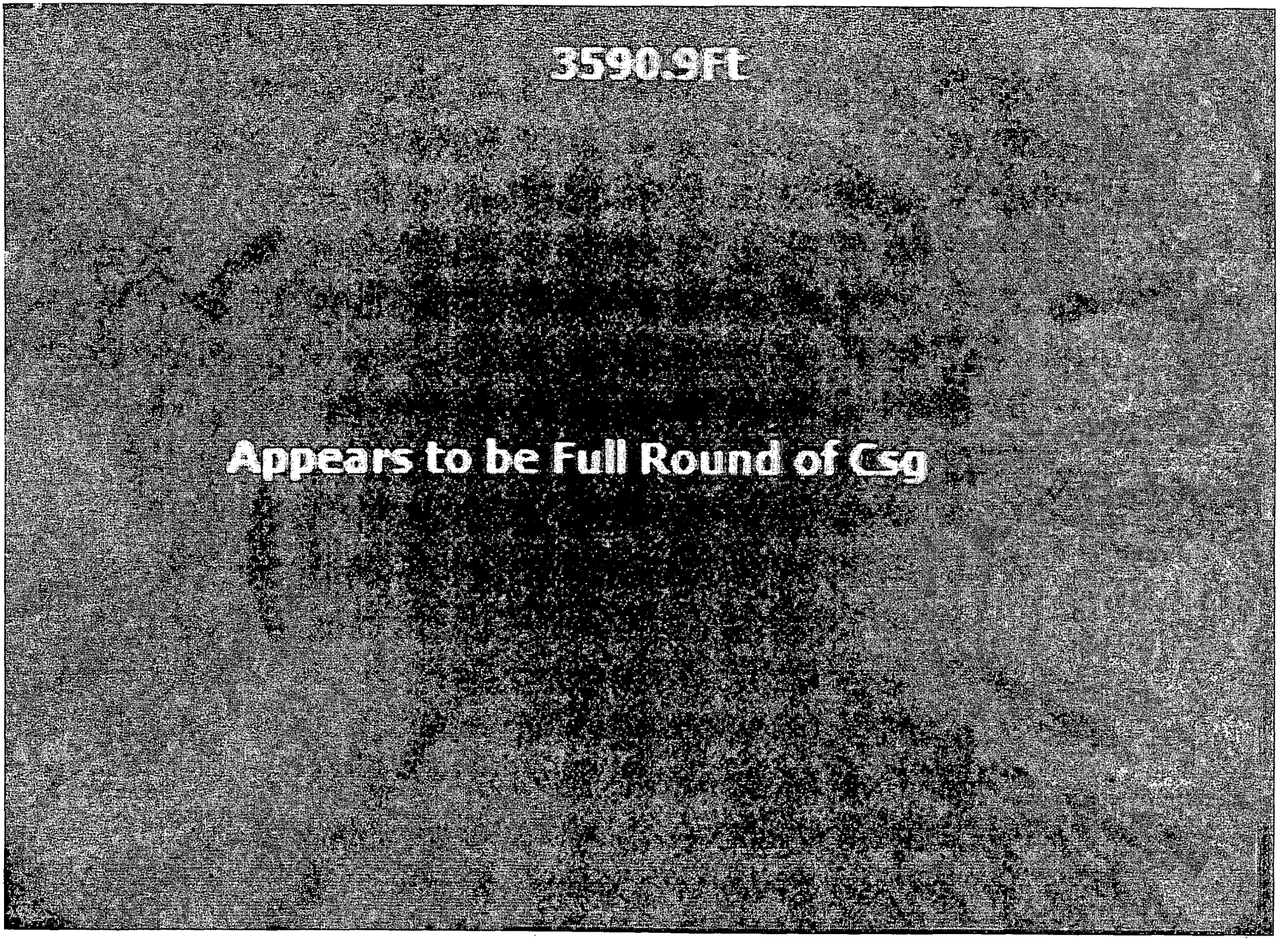
WARREN

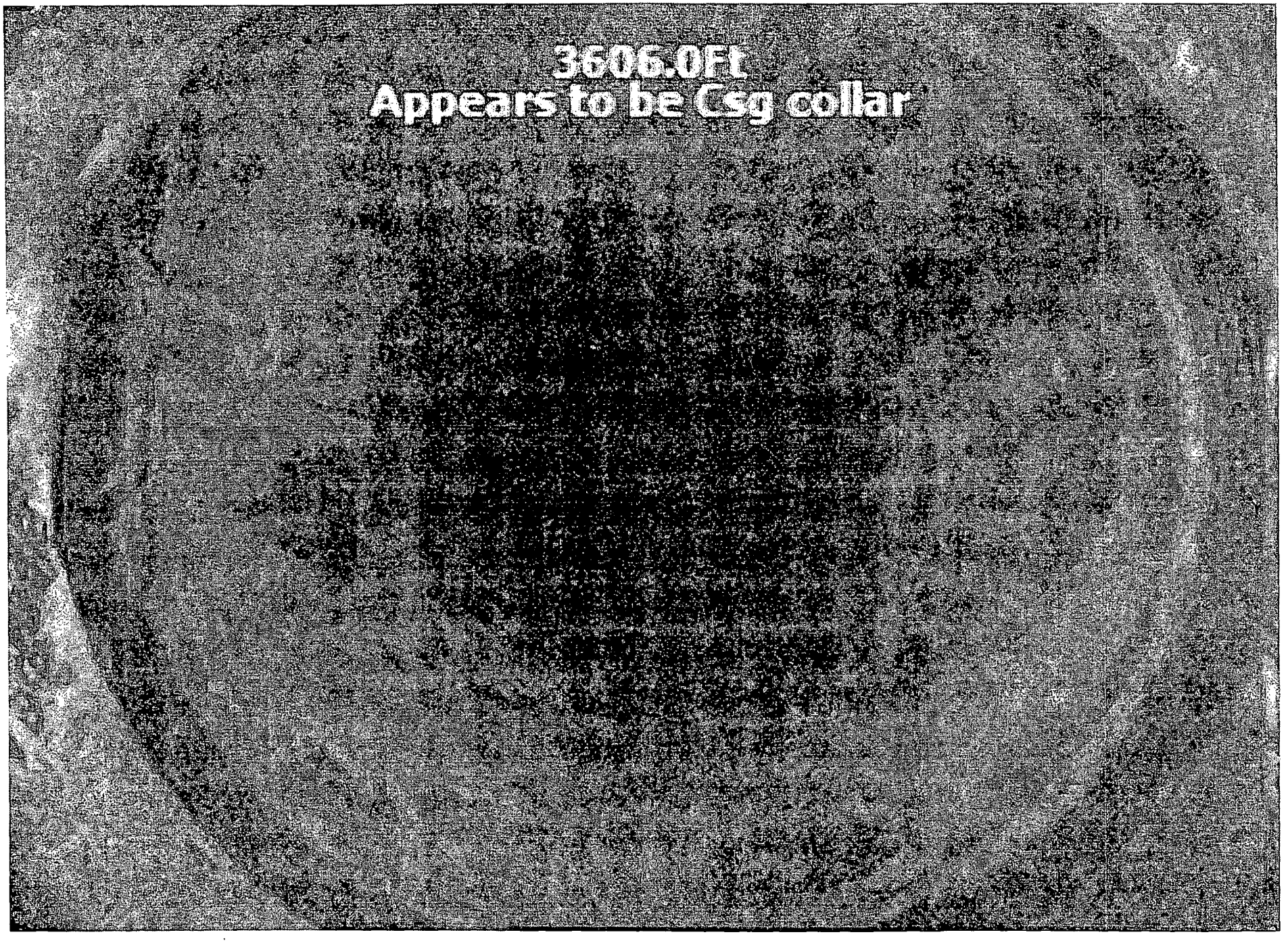
~~From~~ At 3622' - 3572' and cap w/ 25 sx plug.

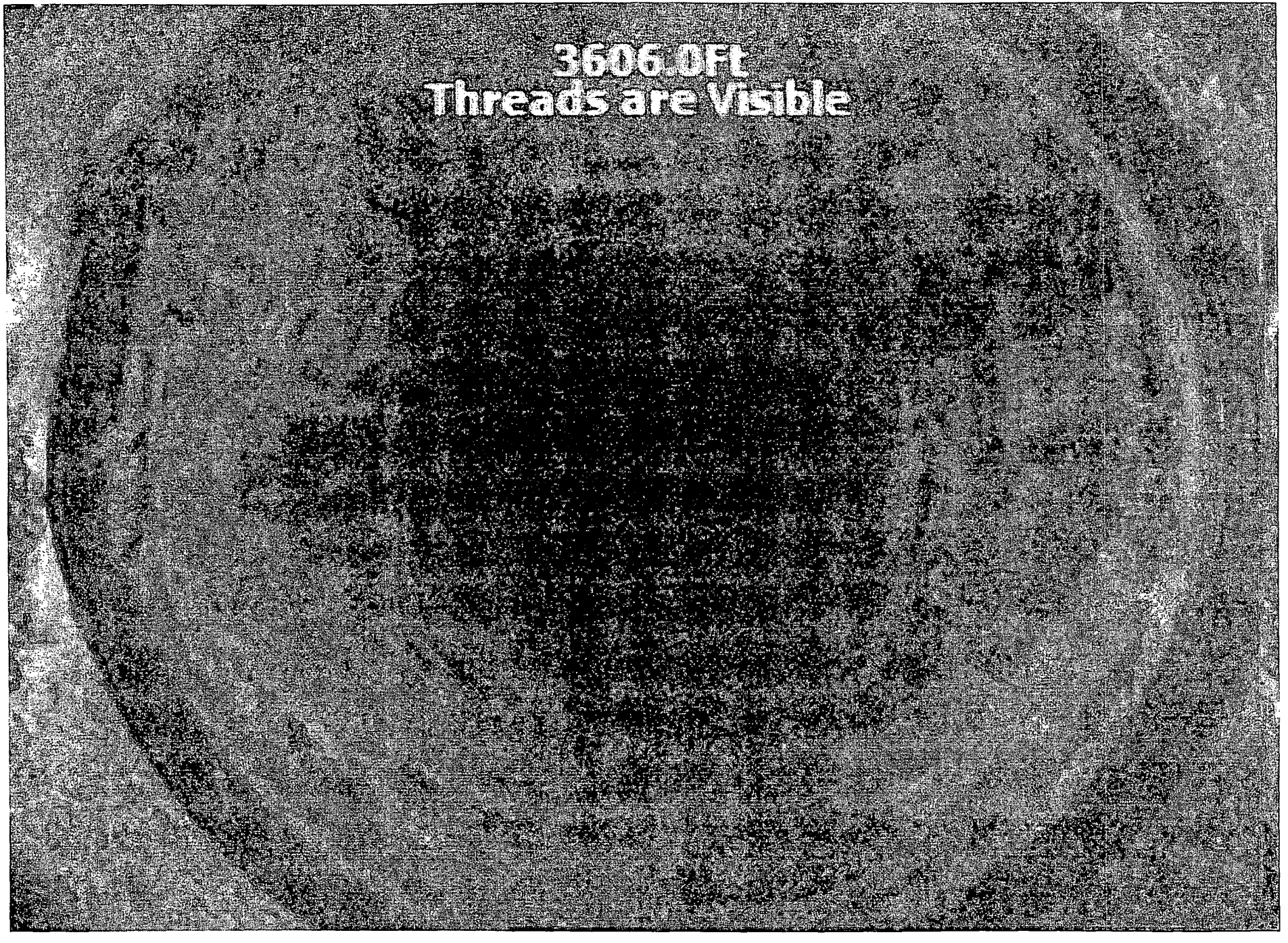
3rd plug 2620' - 2490'. Base of Salt. WOC Tag.

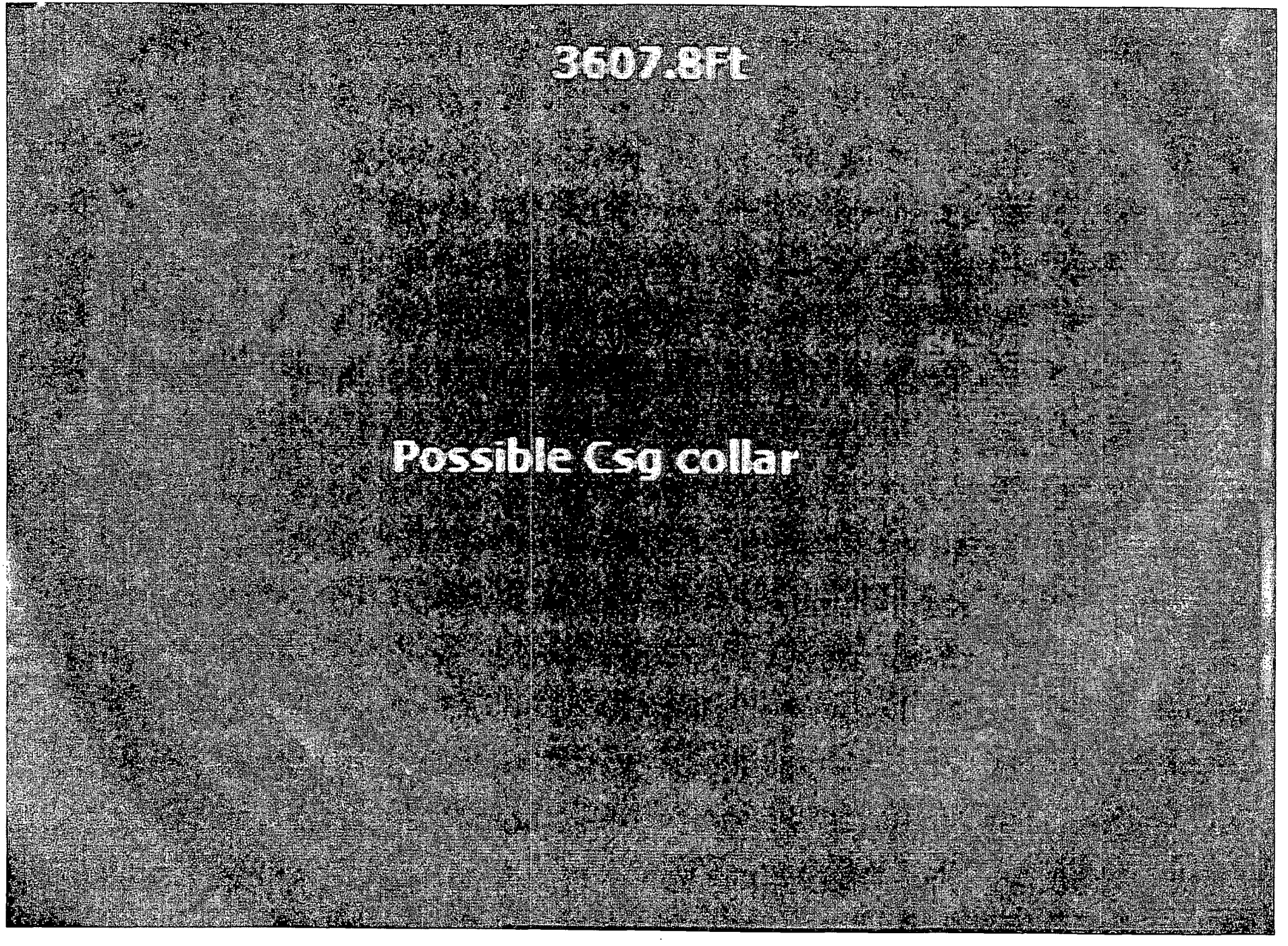
4th plug 1490' - 1201'. Top Salt & 8 5/8" shoe. WOC Tag.

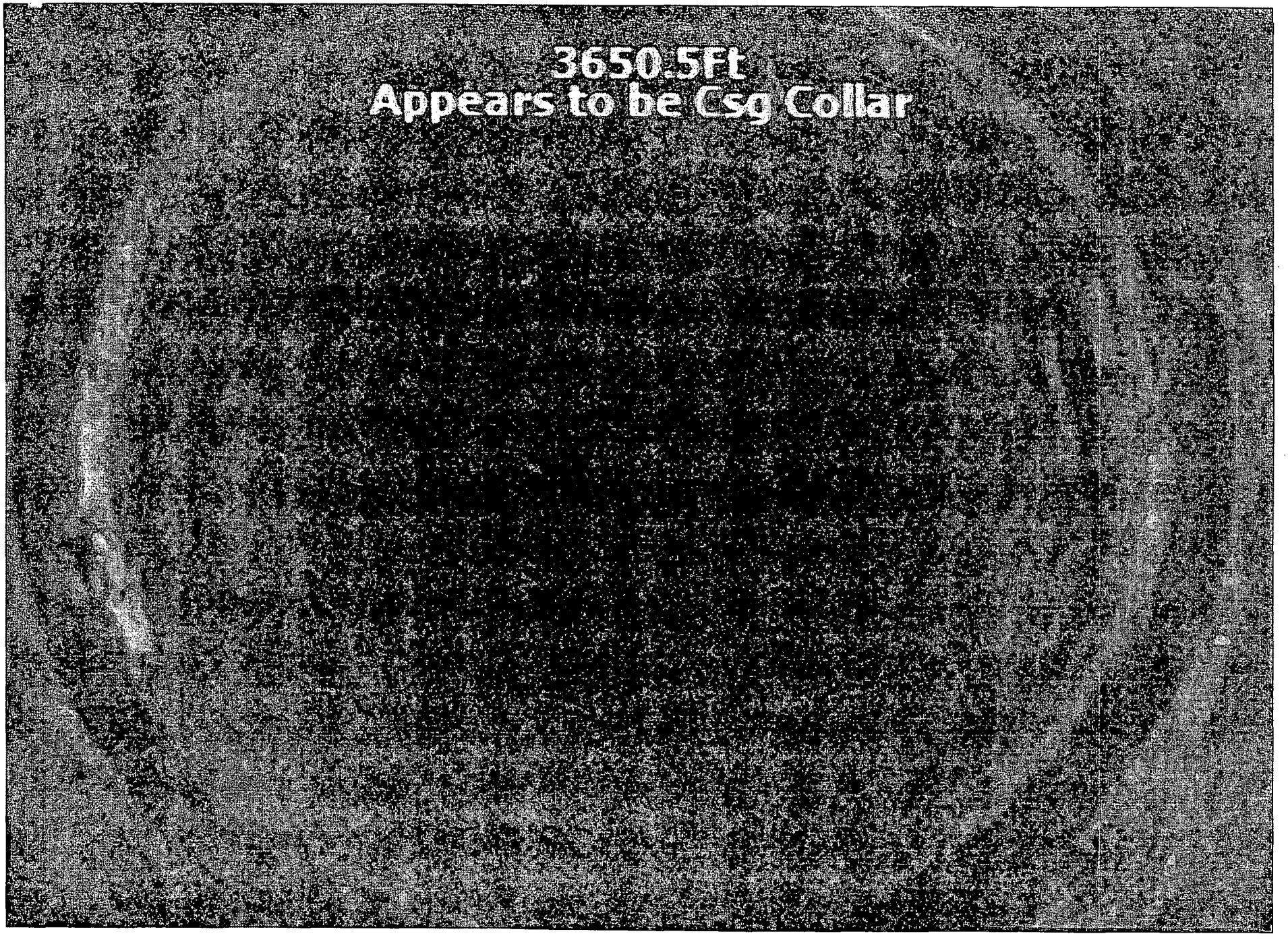
5th plug 60' - Surface.

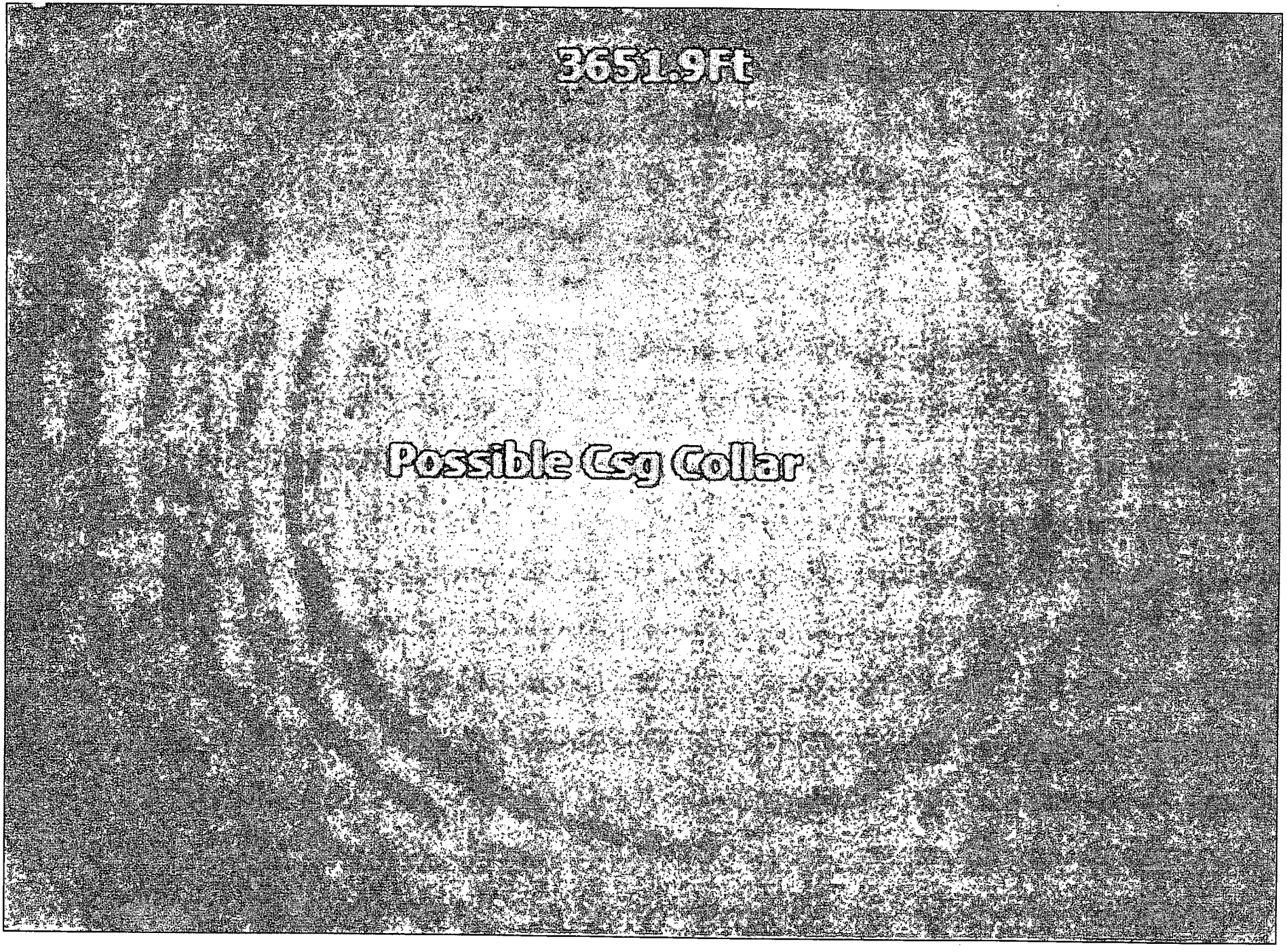

3590.9Ft
Appears to be Full Round of Csg

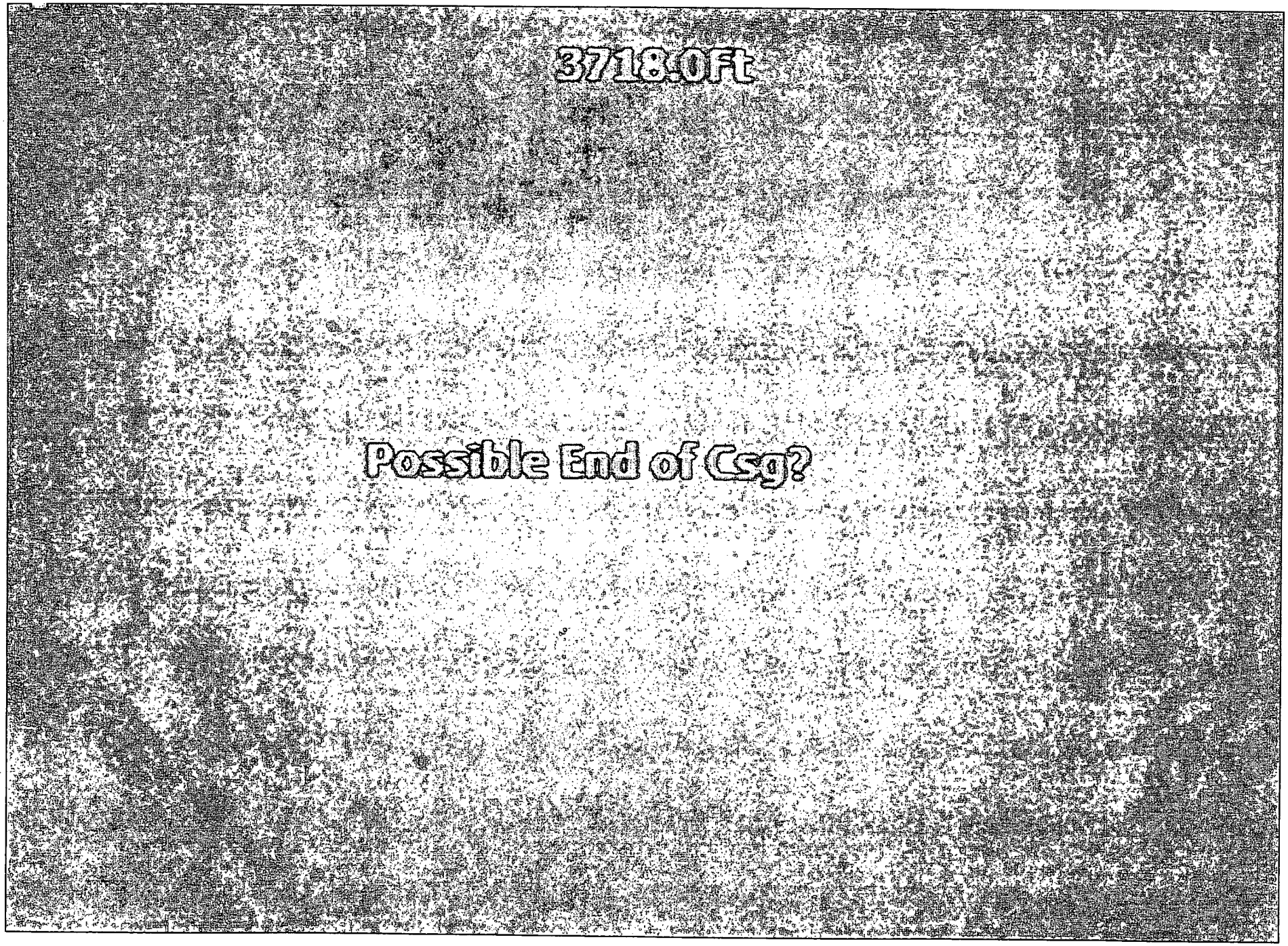

3606.0Ft
Appears to be Csg collar

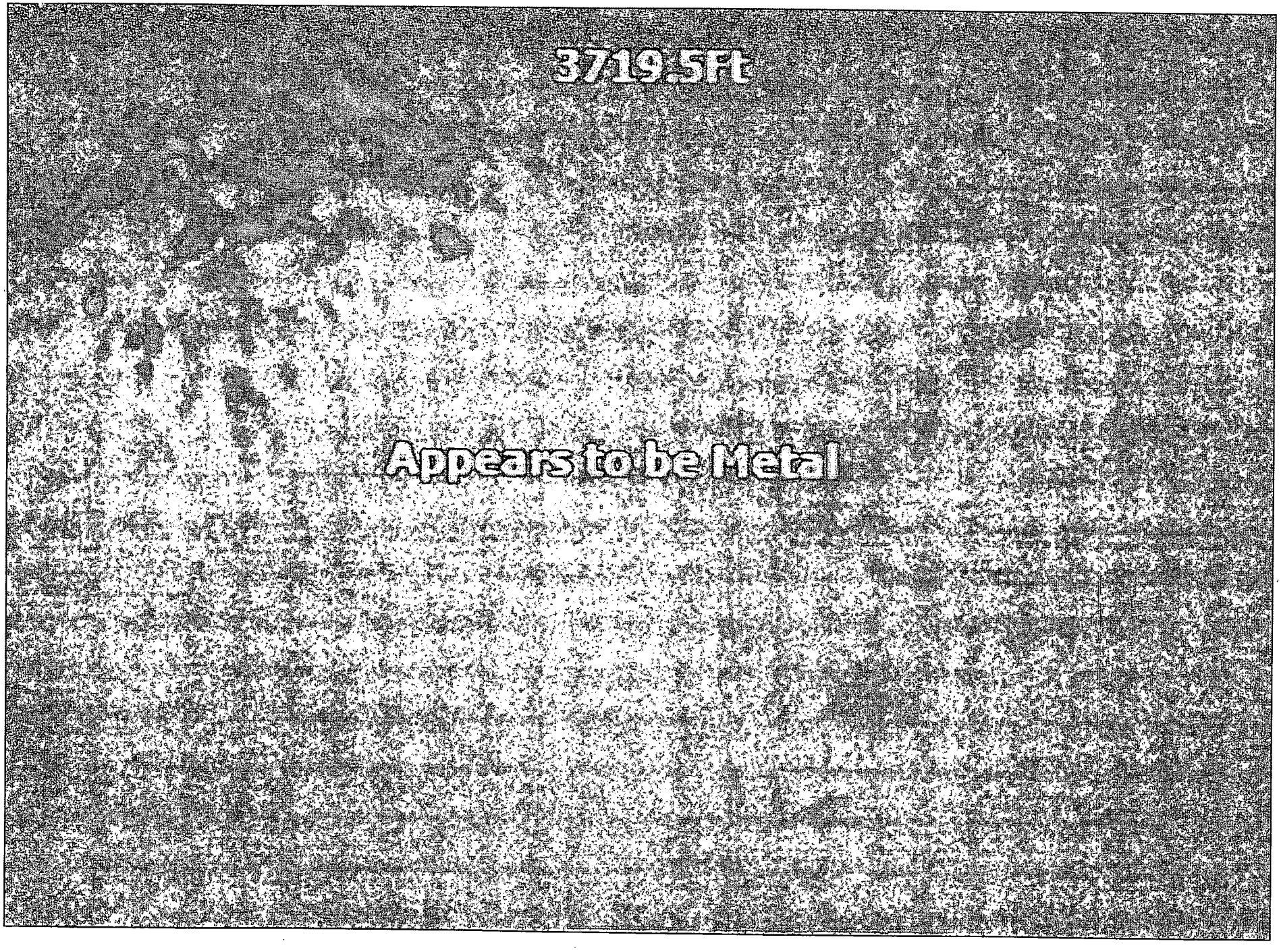

3606.0Ft
Threads are Visible

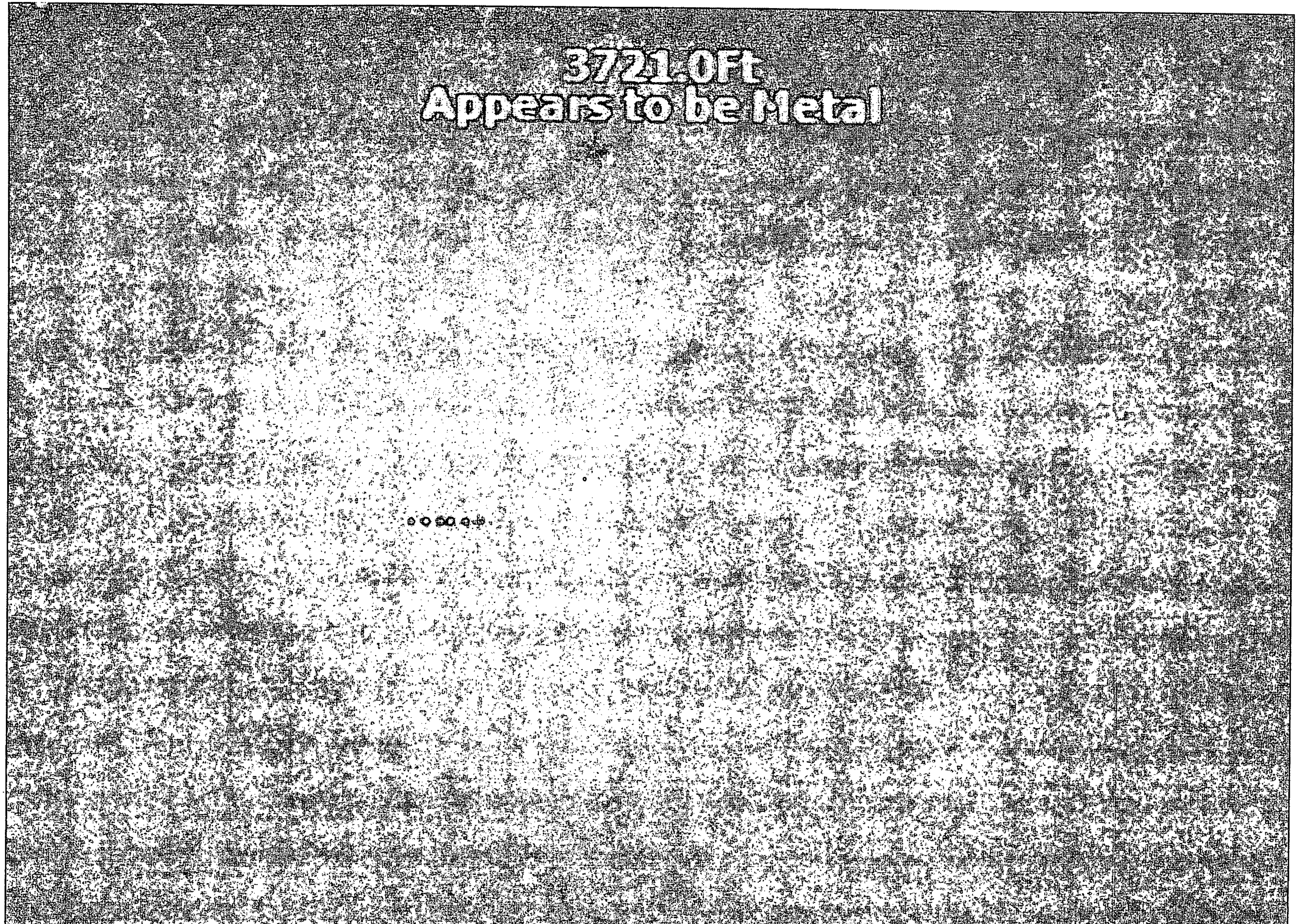

3607.8Ft
Possible Csg collar

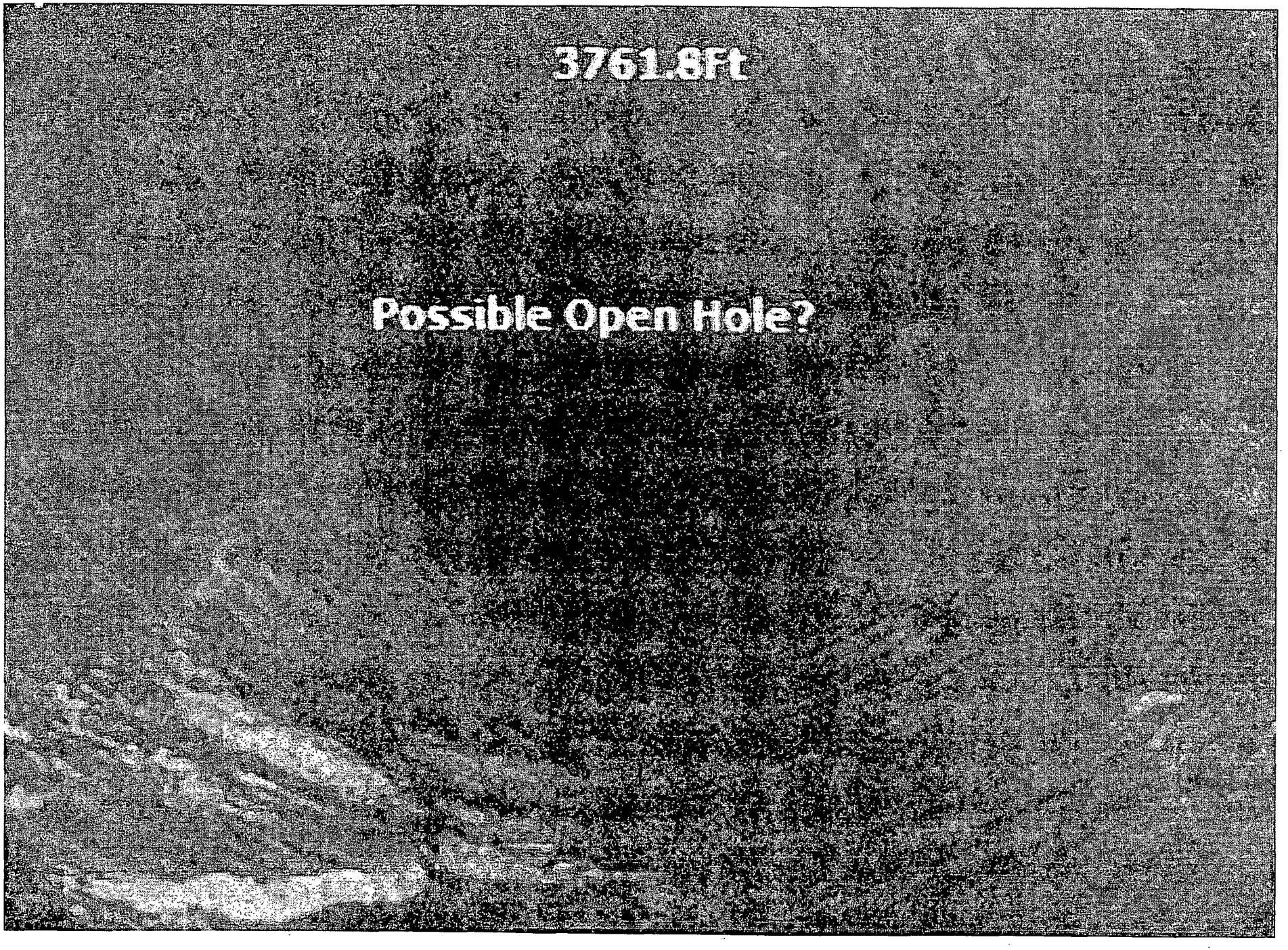

3650.5Ft
Appears to be Csg Collar

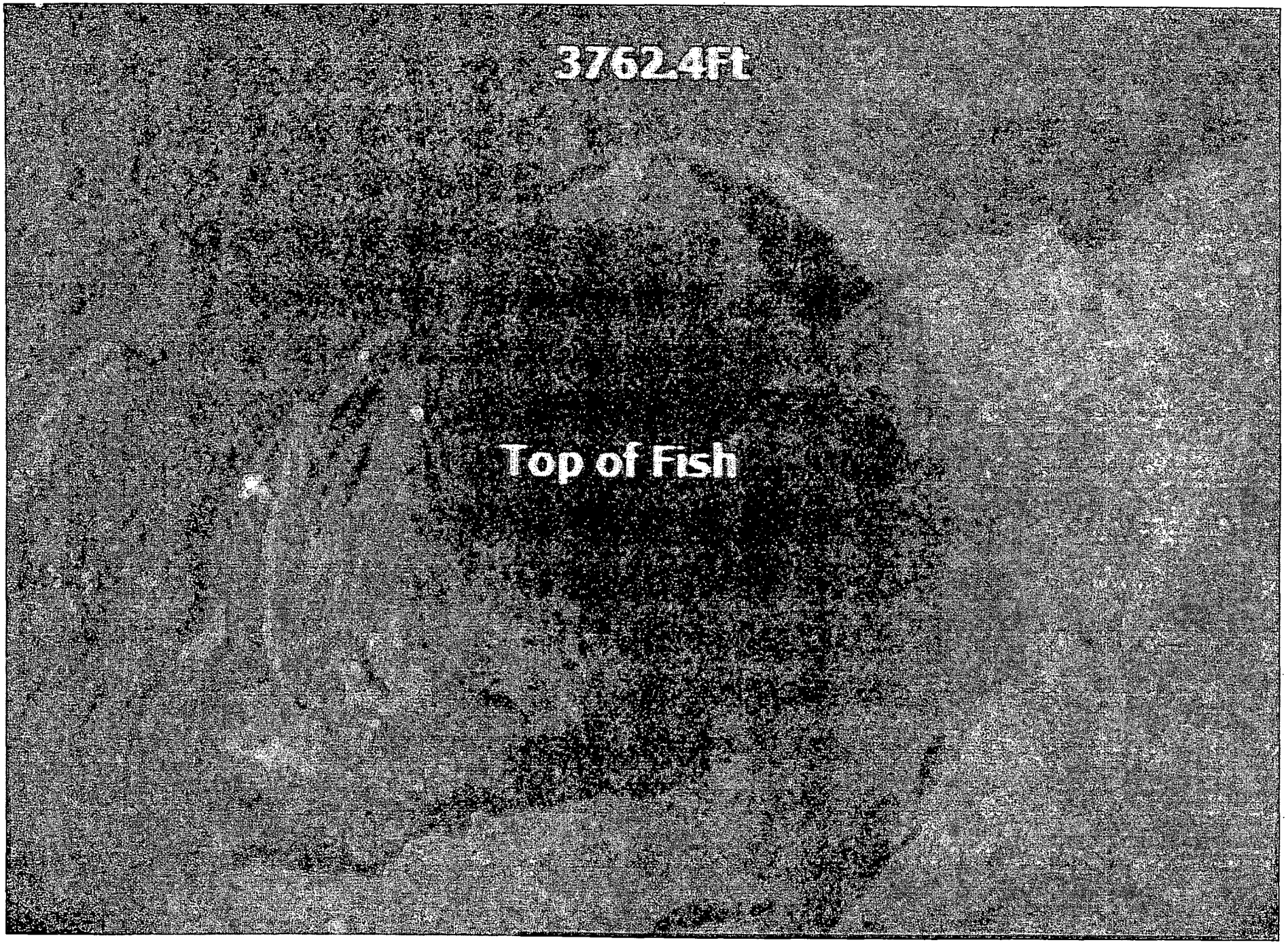

3651.9Ft
Possible Csg Collar

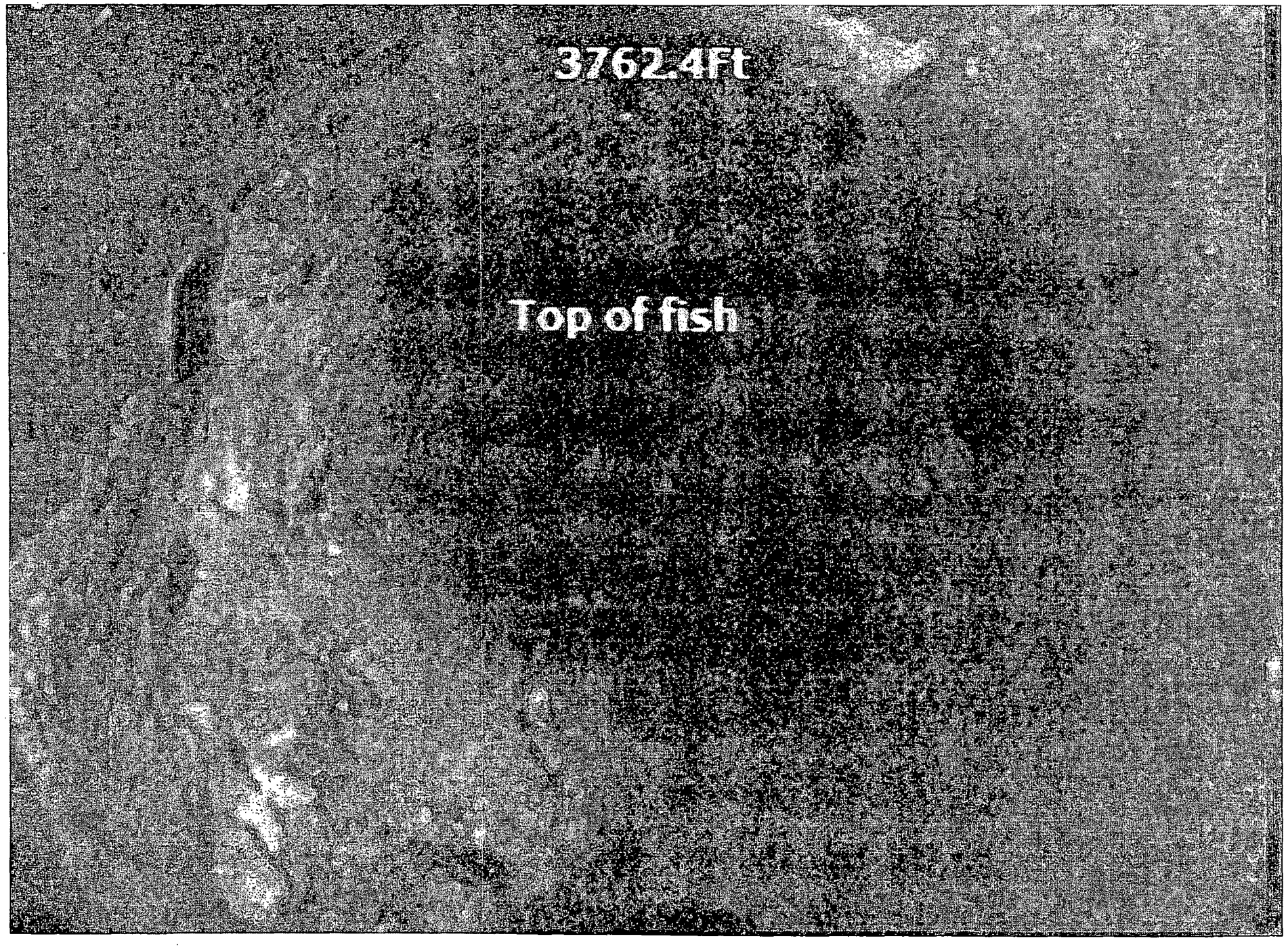

3718.0Ft
Possible End of Csg?

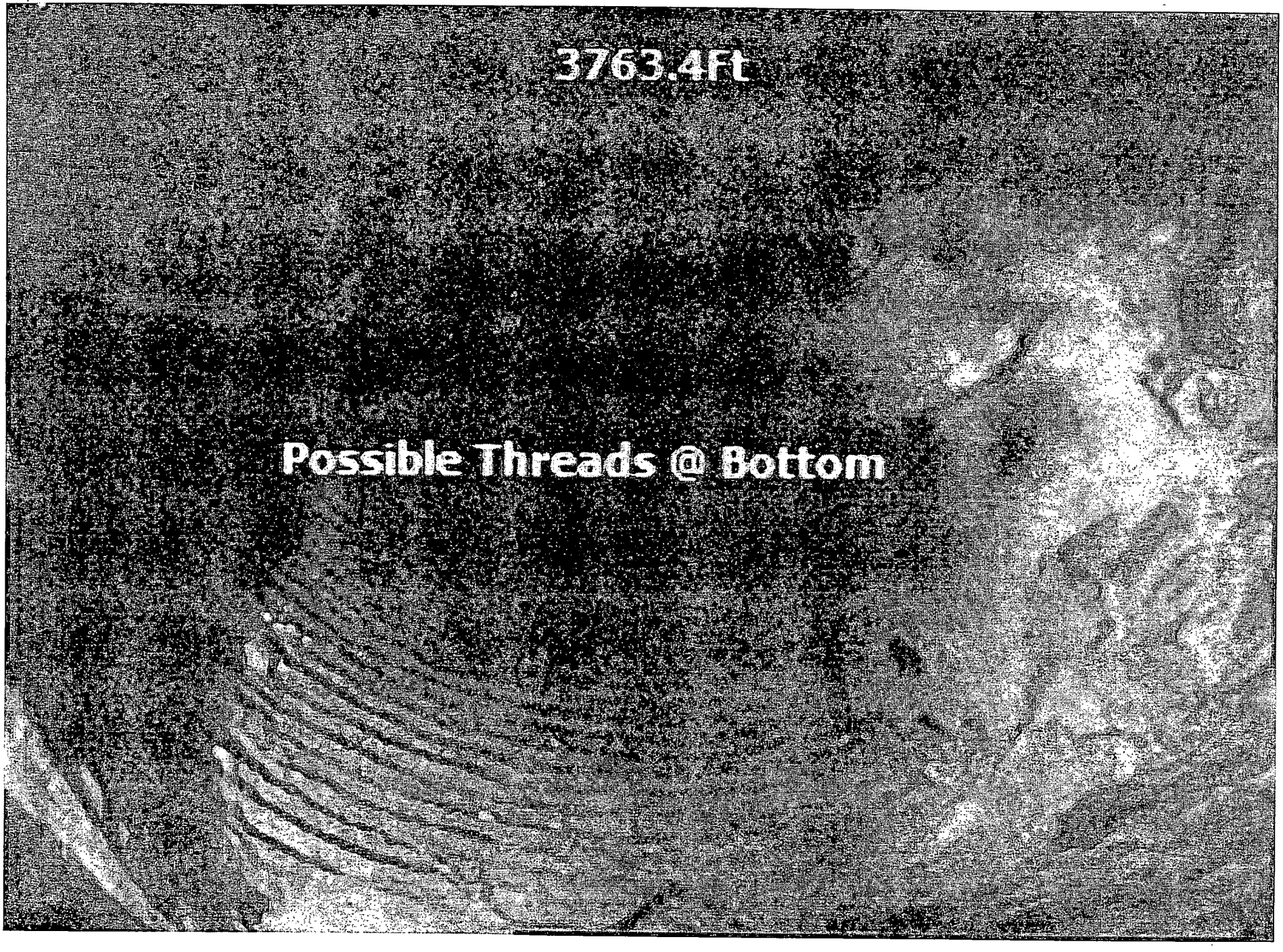

3719.5ft
Appears to be Metal

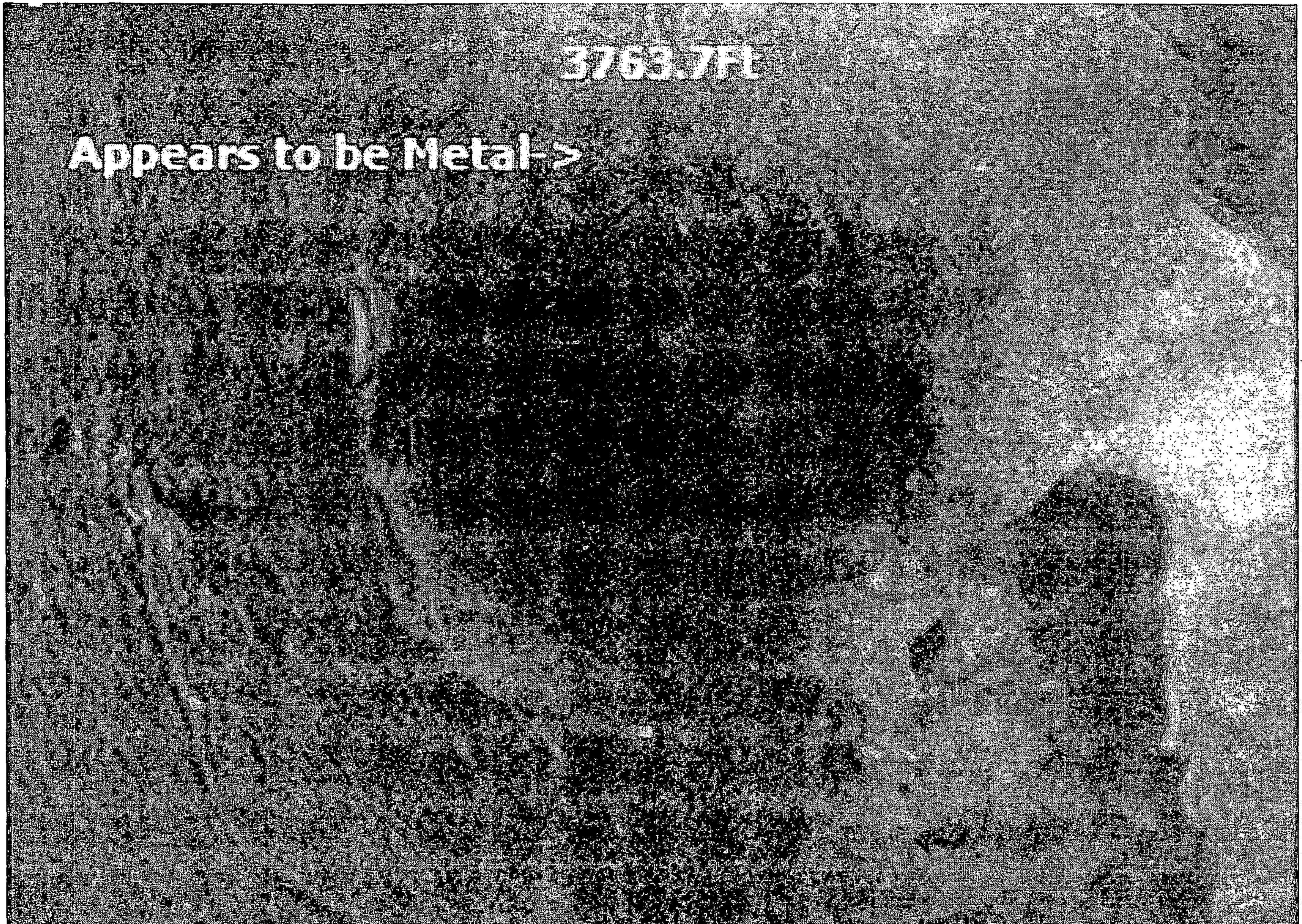

3721.0Ft
Appears to be Metal

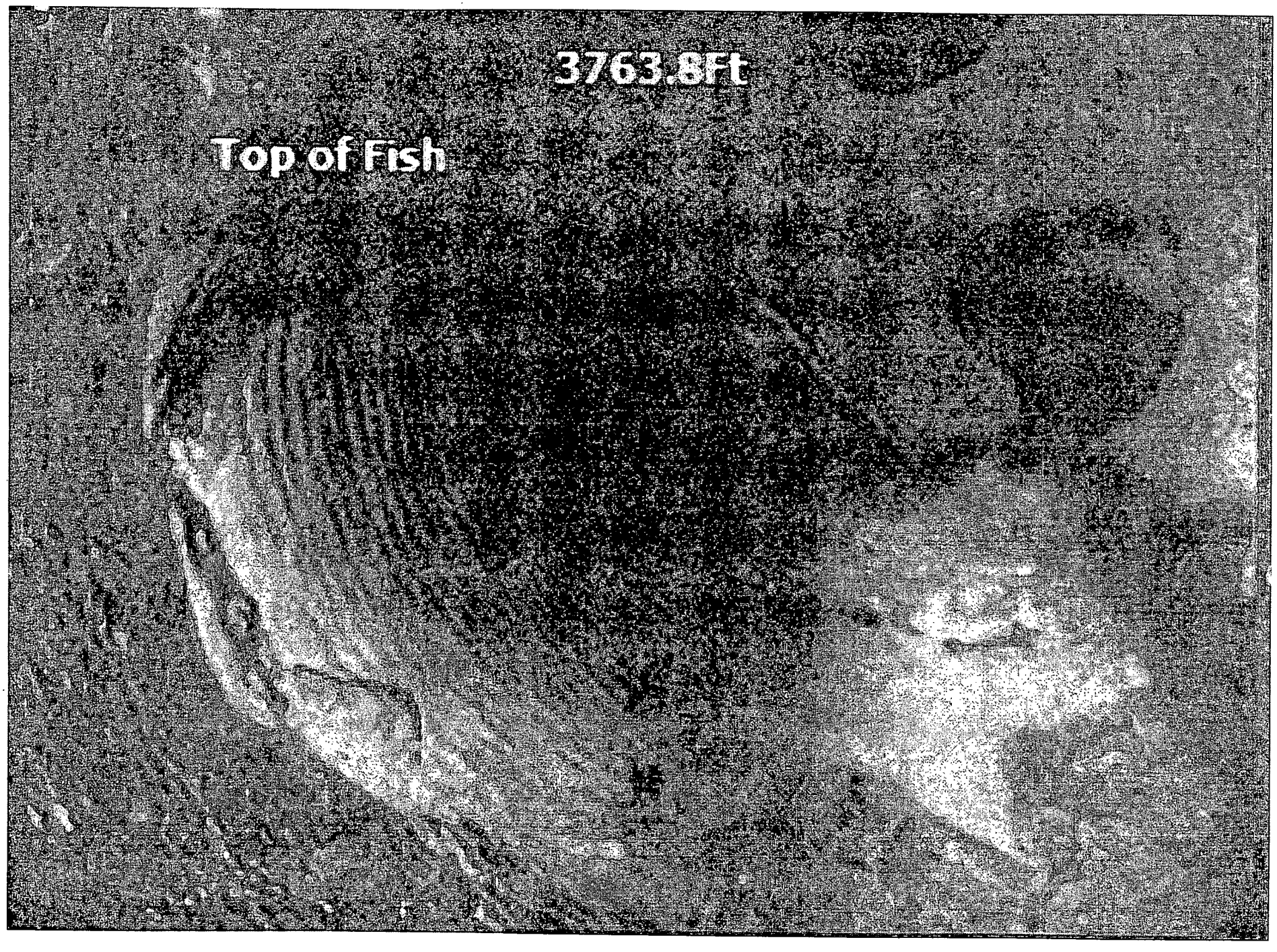

3761.8ft
Possible Open Hole?

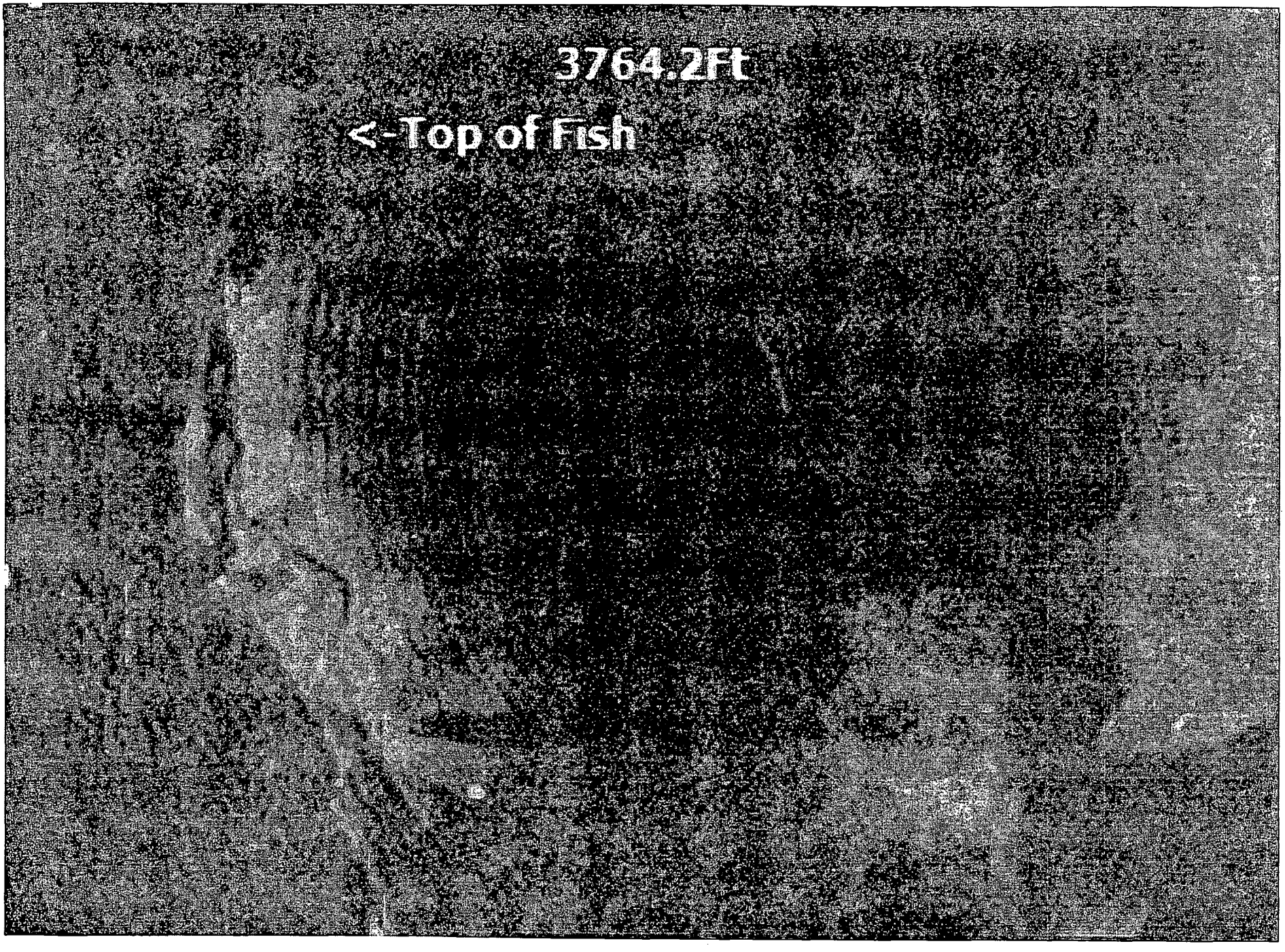

3762.4Ft
Top of Fish

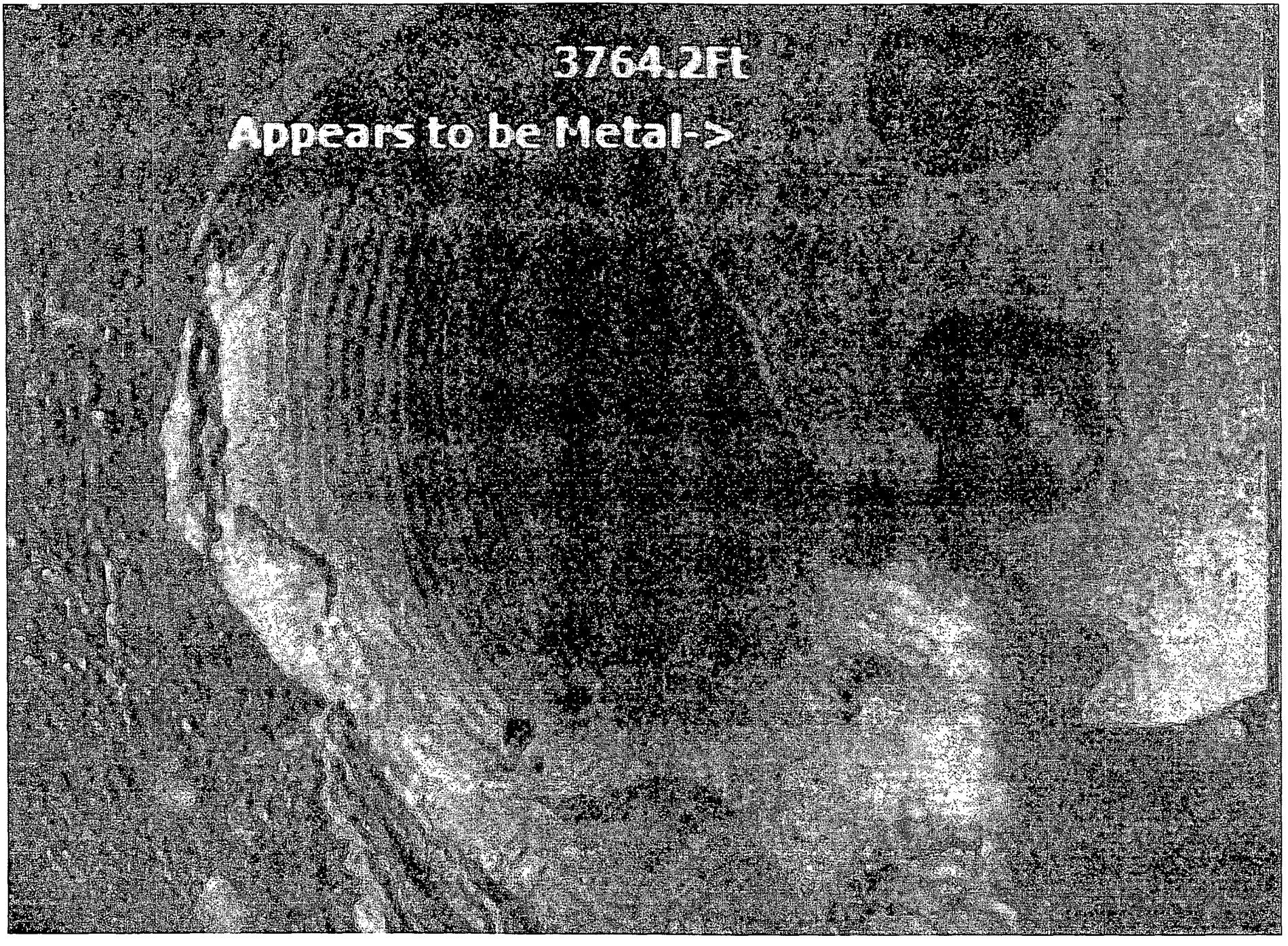

3762.4ft
Top of fish

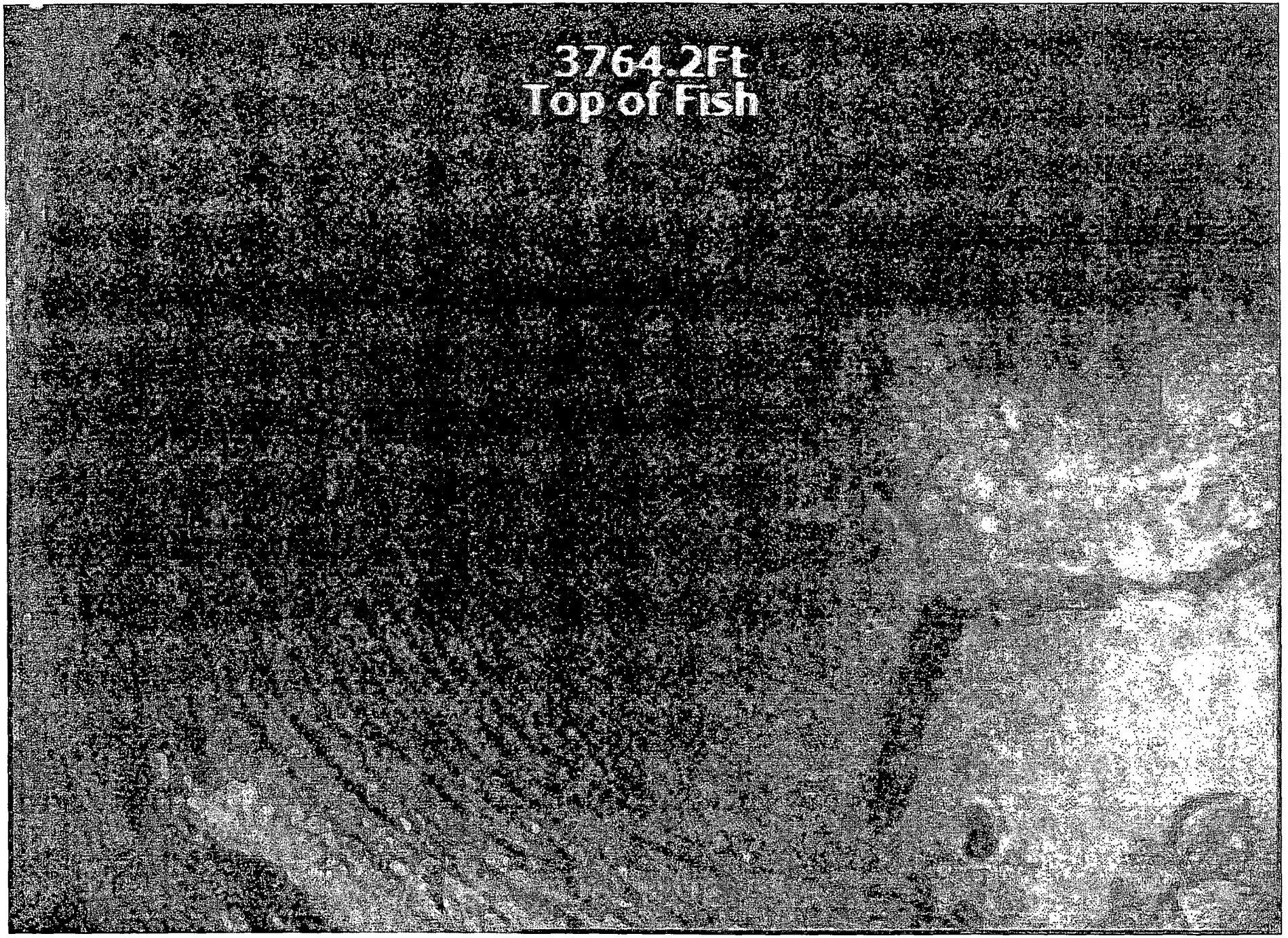

3763.4Ft
Possible Threads @ Bottom


3763.7Ft
Appears to be Metal->


3763.8ft
Top of Fish


3764.2Ft
<-Top of Fish


3764.2Ft
Appears to be Metal->
P2


3764.2Ft
Top of Fish

ConocoPhillips

SEMU BTD 128
API # 30-025-34313
P&A Procedure

The subject workover consists of permanently plugging and abandoning the SEMU 128 from 3650 ft. following an unsuccessful pay add attempt in the lower Grayburg. The pay add attempt was commenced on November 27, 2013 and was suspended on December 10, 2013. During the pay add attempt, the rig crew attempted to work the PKR through a tight spot in the 5-1/2" production casing @ 3715. The PKR was then knocked loose down hole and tagged @ 3907. The tubing was then cut 20' above the PKR @ 3887. The tubing was recovered above the cut. The rig crew then ran in the hole with a tapered mill and then subsequently with a smooth O.D. shoe and wash pipe. At the time efforts were suspended, recovery was less than 12 feet per day and hole was made to 3787. The well was secured w/ a retrievable bridge plug positioned @ 3598. The bridge plug was tested @ 300 psig. The well was circulated w/ treated fluid. A down hole camera was run to assess damages from July 21-28, 2014. Via the down hole camera run, it was discovered that the 5-1/2" production casing has parted vertically between 3718-3764. The bottom casing (looking up) is also full of fill and efforts to pump down the casing were unsuccessful. There is approximately 2679 feet of 2-3/8" tubing remaining in the well w/ PKR positioned @ 3907 feet. Camera images will be attached to the sundry to P&A. The well is currently secured w/ a retrievable bridge plug positioned at 3598. The well was circulated with treated fluid and was tested at 500 psig. It is the intent of this job to plug and abandon the SEMU 128 within 100 ft. of the uppermost perforation @ 3671.

SEMU 128 is down-hole equipped w/ RBP @ approximately 3598. The casing above RBP was tested @ 500#. Well is loaded w/ biocide-treated corrosion inhibited brine (7/28/14). The following is a summary of remaining-in-hole below the RBP.

	Depth (ft.): RKB	
Remaining-in-Hole (in-place since: 12/3/13).	top	btm
Cased Hole (Top part of 5-1/2" Prod Csg; Good Csg Quality)	surface	3650
Cased Hole (Top part of 5-1/2" Prod Csg; Poor Csg Quality)	3650	3718
Open Hole (5-1/2" Prod Csg parted vertically)	3718	3764
Cased Hole (Bottom part of 5-1/2" Prod Csg; Full of Fill; Unsure of Csg Quality)	3764	7005
2-3/8", 4.7#, J-55 tbg	3887	3907
2-3/8" x 5-1/2", 17# PKR	3907	3916
2-3/8", 4.7#, J-55 tbg	3916	6583
2-3/8" SN	6583	6583

This well was last intervened back on 7/21/2014 to run a down hole camera and assess damages.

PROCEDURE

1. MI & RU service unit. The following is a well file source summary of current well configuration (last well service: 7/2014):

SEMU 128 (30-025-34313)	Depth (RKB): ft.	
2490 FSL & 1310 FEL, 24I-20S-37E	(KB -GL: 11 ft.)	

Elev.: 3547 KB; 3536 GL	top	btm	
8-5/8", 23#, M-50	surface	1251	3/26/98: Cmt w/ 605 sx. Circ 67 sx cmt to surface
5-1/2", 17#, K-55	surface	7005	4/12/98: Cmt w/ 1290 sx. Circ 53 sx cmt to surface
Salt Section	1440	2570	
			7/28/14:
			Equip w/ RBP.
RBP	3598	3600	Circ well w/ inhibited biocide-treated brine.
			Test csg above RBP @ 500#. OK. Unable to pump down bottom csg.
Remaining-in-Hole (in-place since: 12/3/13).			
Cased Hole (Top part of 5-1/2" Prod Csg; Good Csg Quality)	surface	3650	
Cased Hole (Top part of 5-1/2" Prod Csg; Poor Csg Quality)	3650	3718	
Open Hole (5-1/2" Prod Csg parted vertically)	3718	3764	
Cased Hole (Bottom part of 5-1/2" Prod Csg; Full of Fill; Unsure of Csg Quality)	3764	7005	
2-3/8", 4.7#, J-55 tbg	3887	3907	
2-3/8" x 5-1/2", 17# PKR	3907	3916	
2-3/8", 4.7#, J-55 tbg	3916	6583	
2-3/8" SN	6583	6583	
Completion Intervals (Gross):			
Penrose / Grayburg	3671	3859	2/2/99: Perforate @ 4 spf
Tubb	6466	6476	9/27/00: Perforate @ 2 spf
Tubb	6507	6517	9/27/00: Perforate @ 2 spf
Tubb	6524	6532	9/27/00: Perforate @ 2 spf
Tubb	6594	6600	9/27/00: Perforate @ 2 spf
Tubb	6618	6620	9/27/00: Perforate @ 2 spf
PBD	6730		
TD (7-7/8" hole)		7005	4/??/98: Driller TD 7005; (?/??/??: Logger TD ????)

2. ND well. NU BOP.

3. PU & RIH with Retrieving Tool on 2-3/8", L-80 WS. Release and pull out of hole with 5-1/2" RBP set @ 3598' on WS.

4. RIH w/ WS to 3650. Circ well w/ minimum 9.0 ppg mud-laden fluid.

5. Spot 25 sx Class C cement plug: 3400-3650. Pull WS up to 3200. SD 4 hrs. (**Plug-1: Completion Interval)**

6. RIH & tag cmt plug.
7. Spot 25 sx Class C cement plug: 2450-2700. Pull WS up to 2250. SD 4 hrs. (**Plug-2: Base of Salt)**

8. RIH & tag cmt plug.

9. Spot 25 sx Class C cement plug: 1225-1475. Pull WS up to 1025. SD 4 hrs. (**Plug-3: Top of Salt & 8-5/8" Casing Shoe)**

10. RIH & tag cmt plug.

11. Spot 20 sx Class C cement plug: surface-200. POOH. (**Plug-4: Surface Plug)**

12. ND BOP. Fill wellbore to surface. RD & MO WSU.

13. Install P&A marker. Cut-off wellhead & anchors. Dress-off location.

PROPOSED			
SEMU 128 (30-025-34313)	Depth (RKB): ft.		
2490 FSL & 1310 FEL, 24I-20S-37E	(KB -GL: 11 ft.)		
Elev.: 3547 KB; 3536 GL	top	btm	
8-5/8", 23#, M-50	surface	1251	3/26/98: Cmt w/ 605 sx. Circ 67 sx cmt to surface
5-1/2", 17#, K-55	surface	7005	4/12/98: Cmt w/ 1290 sx. Circ 53 sx cmt to surface
Proposed Cement Plug: 5-1/2" Casing (20 sx)	surface	200	
Proposed Cement Plug: 5-1/2" Casing (25 sx)	1225	1475	
Salt Section	1440	2570	
Proposed Cement Plug: 5-1/2" Casing (25 sx)	2450	2700	
Proposed Cement Plug: 5-1/2" Casing (25 sx)	3400	3650	
Remaining-in-Hole (in-place since: 12/3/13).			
Cased Hole (Top part of 5-1/2" Prod Csg; Good Csg Quality)	surface	3650	
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2-3/8" SN	6583	6583	
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Tubb	6524	6532	9/27/00: Perforate @ 2 spf
Tubb	6594	6600	9/27/00: Perforate @ 2 spf
Tubb	6618	6620	9/27/00: Perforate @ 2 spf
PBD	6730		
TD (7-7/8" hole)		7005	4/??/98: Driller TD 7005; (?/??/??: Logger TD ????)

	Internal Yield (Burst): psi		Internal Diameter: in.		Capacity	
	100%	80%	Nom.	Drift	gal/ft.	bbl/ft.
2-3/8", 4.7#, L-80	11200	8960	1.995	1.901	0.1624	0.0039
5-1/2", 17#, K-55	5320	4256	4.892	4.767	0.9764	0.0232
2-3/8" x 5-1/2", 17#					0.7463	0.0178

Schematic - Current

SEMU 128

District	Field Name	API / UWI	County	State/Province
PERMIAN CONVENTIONAL	NMFU	300253431300	LEA	NEW MEXICO

Original Spud Date	Surface Legal Location	East/West Distance (ft)	East/West Reference	North/South Distance (ft)	North/South Reference
3/11/1998	Sec. 24, T-20 S, R-37 E	1,310.00	E	2,490.00	S

VERTICAL - MAIN HOLE, 9/22/2014 2:52:46 PM